

FACULTY PROFILE

1. Personal Details:

Name : Krishnendu Das
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Residence : Ramnagar 8, Agartala, Tripura-799002
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2. Details of employment:

Serial no.	Position held	Tenure	Affiliation
1	Assistant Professor	From 25.07.2022 till date	Department of Mathematics, Women's College, Agartala, Tripura
2	Assistant Professor	From 23.11.2012 to 22.08.2022	Department of Mathematics, Netaji Subhas Mahavidyalaya, Udaipur, Tripura

3. Courses taught (UG level)

Algebra, Linear Algebra, Elementary number theory, Calculus, Real Analysis, Integration theory, Numerical Analysis.

4. Academic Qualification (Matriculation Onwards)

Serial No.	Degree	Board/University	Subjects	Qualifying year
1	Matriculation	TBSE	English, Bengali, Physical science, Life science, Mathematics, Additional Mathematics, History, Geography	1999
2	H.S. (+2)	TBSE	English, Bengali, Physics, Chemistry, Mathematics, Biology	2001
3	B.Sc. Honours	MBB College (Affiliated to Tripura University)	Mathematics(Hons.) Statistics, Physics	2005
4	M.Sc.	University of Hyderabad	Mathematics	2009
5	Ph.D.	Assam University: Silchar	Mathematics	2018

5. Awards/Fellowships

Qualified the Joint CSIR-UGC JRF-NET Examination in December 2010 and declared UGC JRF.

6. Details of Ph.D.

- Title of the thesis : A Study on Some Classes of Symmetric Rings
- Broad area : Non-commutative ring theory
- Name of supervisor : Dr. Uday Shankar Chakraborty
- Date of award : 14.08.2018

7. Details of Ph.D. supervision:

Appointed as a co-supervisor in the Department of Mathematics, Tripura University via letter No. F.TU/COE/Ph.D./10/Misc./01/20 dated 02.12.2022.

8. Research interests: Algebra, Number Theory

9. Details of publications/research work done/ongoing work

- (With U.S. Chakraborty) On Nil-symmetric rings, J. Math. (Hindawi publications), 2014, <http://dx.doi.org/10.1155/2014/483784>
- (With U.S. Chakraborty) Strongly nil-symmetric rings (unpublished)
- (With U.S. Chakraborty) Nil-symmetry skewed with a ring endomorphism (unpublished)
- (With U.S. Chakraborty) Nil-semicommutativity skewed with a ring endomorphism (unpublished)
- (With U.S. Chakraborty) Nilpotent elements and the symmetric property of rings, Proceedings of National Conference on “Recent Trends in Basic Science Research” 21-23 September 2017, 102-110, ISBN: 978-81-933690-0-5.
- On an extension of the symmetric ring property (under preparation)

N.B. The first four topics constitute the four technical chapters of the thesis.

10. Details of invited lectures delivered

- Delivered a series of lectures (online) at the one week online workshop on “Fundamentals of Real Analysis” at Department of Mathematics, Ramkrishna Mahavidyalaya, Kailashahar during 06.09.2022-12.09.2022.
- Delivered a lecture (online) on Real Analysis to a mixed audience of Pandit Deendayal Upadhyaya Adarsha Mahavidyalaya, Erailigool on 02.03.2022
- Delivered a lecture(online) on Real Analysis as a part of Faculty exchange programme of Ramthakur College on 09.08.2021
- Delivered a series of lectures on “Some topics in Ring and Module Theory” during November 4th to 8th 2019 at Department of Mathematics, NEHU, Shillong under Visiting Fellow grant of UGC SAP (DRS II) scheme to Mathematics, NEHU 2019-2020.
- Delivered a lecture on “Properties of Real numbers” on 27th December 2016 at Department of Statistics, Presidency University, Kolkata.
- Delivered a series of lectures to Math Olympiad students at “Excursion in Mathematics Programme” funded by NBHM and organized by Assam Academy of Mathematics during June 30th to July 5th 2011 at NIT Silchar.

11. Details of important workshops attended

Serial. No.	Title	Venue	Date	Status
1	Online Teachers Enrichment Workshop on “Algebra & Multivariate Calculus”	Hosted by Dr. Harisingh Gour Vishwavidyalaya, Sagar, MP	08.01.2021-14.02.2021	Attended
2	One Week Online NATIONAL WORKSHOP ON ALGEBRA AND OPTIMIZATION-2020,	Organized by Department of Science and Humanities (Mathematics) National Institute of Technology Nagaland	23.11.2020-27.11.2020	Attended
3	Online workshop on Numerical Linear algebra	Department of Mathematics, Assam University Silchar	19.09.2020-25.09.2020	Attended
4	Online workshop on Algebraic number theory	Department of Mathematics, Assam University Silchar	31.08.2020-05.09.2020	Attended
5	Instructional School for Teachers on “Rings and Modules”	Department of Mathematics, NEHU Shillong	24.06.2019-06.07.2019	Attended
6	Pedagogical Training for Mathematics Teachers (Linear Algebra)	Department of Mathematics, Tripura University, Agartala	26.03.2018-31.03.2018	Attended
7	Instructional School for Teachers on “Groups and Rings”	Department of Mathematics, Himachal Pradesh University, Shimla	05.06.2017-17.06.2017	Attended
8	Pedagogical Training for Mathematics Teachers (Real Analysis)	Department of Mathematics, Tripura University, Agartala	01.12.2014-14.12.2014	Attended
9	Orientation Course	University of Hyderabad, Hyderabad	27.02.2014-26.03.2014	Attended
10	Workshop for resource persons on Mathematics Olympiad Competition	Gauhati University, Guwahati	10.06.2011-12.06.2011	Attended

12. Details of seminars/conferences attended

Sl. No.	Title	Venue	Date	Status
1	International Conference on Recent Trends in Mathematical Sciences	Maharaja Bir Bikram University, Agartala	24.03.2018-25.03.2018	Presented a paper
2	National Seminar on Recent Trends in Basic Science Research	S.S. College, Hailakandi	21.09.2017-23.09.2017	Presented a paper
3	National Conference on Recent Trends in Mathematical Sciences	Assam University: Silchar	24.03.2017-26.03.2017	Presented a paper
4	National Conference on advances in Mathematical sciences	Gauhati University, Guwahati	22.12.2016-23.12.2016	Presented a paper

5	International Conference on Algebra and its Applications	Aligarh Muslim University, Aligarh	12.11.2016-14.11.2016	Presented a paper
6	National Seminar on Mathematics and its Applications-2016	Cotton college, Guwahati	21.10.2016-22.10.2016	Presented a paper
7	National Seminar on Rough Sets, Fuzzy Sets and Their Applications	Tripura University, Agartala	06.05.2016	Attended
8	National Seminar on Advances in Mathematical Sciences (Ramanujan Day Celebrations 2015)	Gauhati University, Guwahati	21.12.2015-22.12.2015	Presented a paper
9	National Conference on Recent Trends of Mathematics and its Applications	Rajiv Gandhi University, Itanagar	06.11.2015-07.11.2015	Presented a paper
10	International Conference on Frontiers in Mathematics	Gauhati University, Guwahati	26.03.2015-28.03.2015	Presented a paper
11	National Conference on Trends in Mathematical Science research	Assam University: Silchar	05.03.2014-06.03.2014	Presented a paper
12	National Conference on Ancient Indian Mathematics	Women's College, Agartala	08.02.2014-09.02.2014	Attended

13. Details of programmes/Workshop/Lectures organised

Serial No.	Details of programme	Date(s)	Status of report
1	Biodiversity conservation and its role in mitigating climate change	23.12.2022	Available in nsmahavidyalaya.nic.in
2	Celebration of National Mathematics day 2021	21.12.2022-22.12.2022	-do-
3	Celebration of National Mathematics Day 2020	22.12.2020	-do-
4	"The India, Journey of a Juggernaut"- an invited lecture in Economics	22.03.2019	-do-
5	One day birdwatching and awareness programme	23.01.2019	-do-

14. Details of NPTEL courses passed

Serial No	Title of the course	Time of run of the course	Duration	Percentage
1	Wildlife Ecology	January-April 2019	12 weeks	97%
2	Forest Biometry	February-April 2019	8 weeks	94%
3	Wildlife Conservation	July- September 2019	8 weeks	93%

15. Details of ornithological activities

- Engaged in regular bird monitoring across the state and reported several new species from the state which are invariably first records by anyone monitoring birds as well as collecting evidence from locals regarding local birdlife, human interventions in “Important Bird Areas” of Tripura. Links of some of the checklists of rare sightings of birds are mentioned here

<https://ebird.org/checklist/S101071013>

<https://ebird.org/checklist/S100983441>

<https://ebird.org/india/checklist/S122277956>

<https://ebird.org/checklist/S106589275>

<https://ebird.org/checklist/S122337583>

https://ebird.org/checklist/S122703016?_gl=1*p8t7zu*_ga*MTMyMzMzMzk0NS4xNjQyNTIwODM5*_ga_QR4NVXZ8BM*MTY3MTY5NzAwMC44OC4xLjE2NzE2OTcxMDUuMTYuMC4w&_ga=2.170944675.262609096.1671466502-1323313945.1642520839

- Acted as a resource person in conducting “Asian Waterbird Census” on 08.02.2022-09.02.2022 at Sukhsagar Wetland, Udaipur conducted by Tripura Biodiversity Board and coordinated internationally by Wetlands International.
- Participated in conducting “Migratory Bird Census” in Dumboor reservoir organised by Wildlife Warden, Gumti Wildlife Sanctuary during 31.01.2021-01.02.2021.
- Acted as an expert in the “Bird watching and nature interpretation guide training programme”, Gumti Wildlife Sanctuary (Nakkucherra) during 26.12.2022-30.12.2022.
- Acted as coordinator for “Asian Waterbird Census” 2023 conducted by Tripura Biodiversity Board and also conducted the counts for two hotspots viz MBB College complex and NIT, Agartala.

16. Co-curricular activities of academic interest with students

Prepared a checklist of birds seen and heard from the college campus along with students over the entire period of service in N.S. Mahavidyalaya. This checklist has been submitted to the Principal, Netaji Subhas Mahavidyalaya. This has resulted in some students getting engaged in citizen science initiatives in ornithology which in turn is helping to understand various parameters related to birdlife of Tripura.

N.B. The incumbent also had the opportunity to attend ICM 2010 as a volunteer during 19.08.2010- 27.08.2010.