

TAMALIKA DUTTA

PERSONAL DETAILS

- ADDRESS : Quest Residency, 101E, A1 Block, Mouza-Hatiberia, P.S.- Haldia, Dist- East midnapur, Pin- 721657, State- West Bengal.
- EMAIL ADDRESS: tamalika.bagnan@gmail.com
- DATE OF BIRTH : 10th April, 1991.
- MOBILE NO.: 7003400314
- AFFILIATION: Assistant Professor, Department of Mathematics, Raja Rammohun Roy Mahavidyalaya, Hooghly, West Bengal.

EDUCATIONAL QUALIFICATION

DEGREE	INSTITUTION	YEAR OFPASSING	BOARD/UNIVERSITY	PERCENTAGE
Madhyamik(Secondary Examination)	Bagnan Adarsha Balika Vidyalaya	2006	W.B.B.S.E	85.40
Higher Secondary(H.S.)	Bangalpur U. C. High School	2008	W.B.C.H.S.E	82.60
B.Sc(Hons. In Mathematics)	Jadavpur University	2011	Jadavpur University	86.00
M.Sc(Mathematics)	Jadavpur University	2013	Jadavpur University	91.80
PhD (Regular)	Jadavpur University	26/03/2018	Jadavpur University	

- **Scored 2nd rank** both in B.Sc. and M.Sc. degree courses from Jadavpur University.
- Got DST Inspire fellowship for pursuing Ph.D.
- Received **Best Paper Award** from the International Conference ICGMMCP-2017 organised by Calcutta Mathematical Society.
- **Awarded Ph.D. (Sc.)** on 26th March, 2018 from Jadavpur University.

PAPERS AND THEIR RESPECTIVE JOURNALS

PUBLISHED/ACCEPTEDPAPERS	JOURNAL	ISSN/ISBN NO.
Some curvature identities on an almost conformal gradient shrinking Ricci soliton	Journal of Dynamical Systems and Geometric Theories(Taylor & Francis), (13)(2) (2015), 163-178.	1726-037X
Conformal Ricci soliton in Lorentzian alpha-Sasakian manifolds	Acta Universitatis Palackianae Olomucensis. Facultus Rerum Naturalium. Mathematica, (55)(2) (2016), 57-70.	0231-9721

Almost conformal Ricci solitons on three dimensional trans-Sasakian manifolds	Hacettepe Journal of Mathematics and Statistics,(45)(5) (2016), 1379-1392.	1303-5010
Ricci soliton and conformal Ricci soliton in Lorentzian beta-Kenmotsu manifold	International Journal of Mathematical Combinatorics Vol.2(2018), 1-12	1937-1055
On Multiply Warped Product Gradient Ricci soliton	Journal of Mathematical Physics, Analysis, Geometry, Vol. 9, No. 3, pp-603-615,	doi: https://doi.org/10.15407/mag19.03.603
Almost conformal Ricci soliton and η -Ricci soliton on 3-dimensional $(\epsilon; \delta)$ trans-Sasakian manifold	Bulletin Univ. Transilvania Brasov, Series III: Mathematics, Informatics, Physics, 10(59)(2) (2017), 13-30	2065-2151
Ricci Soliton and eta-Ricci Soliton on Generalized Sasakian Space Form	Filomat (31)(13) (2017), 4051-4062	0354-5180 (print) 2406-0933 (online)
Second order parallel tensors on $(k; \mu; \nu)$ contact metric manifold and Ricci soliton	Bulletin Calcutta Mathematical Society, (109) (2) (2017), 143–152.	0008-0659
Indefinite Kenmotsu and Sasakian manifolds under D-deformation with Ricci soliton	Bulletin Calcutta Mathematical Society(110) (2) (2018) 111-124	0008-0659
Conformal Ricci soliton in almost $C(\lambda)$ manifold	International Journal of Mathematical Combinatorics Vol.3(2016), 17-26.	1937-1055
Ricci soliton, conformal Ricci soliton and torqued vector fields	Bulletin Univ. Transilvania Brasov, Series III: Mathematics, Informatics, Physics, 10(59)(1) (2017), 39-52.	2065-2151
On conformal Ricci soliton	Communicated	
<i>EFFECTS OF ARSENIC ON HUMAN HEALTH: AN OVERVIEW (BOOK CHAPTER)</i>	<i>ENVIRONMENTAL POLLUTION AND BIOSAFETY (2023) (1) (50-56)</i>	<i>978-93-95202-54-1</i>

SEMINARS/WORKSHOPS/CONFERENCES ATTENDED

DATE	TITLE	ORGANIZING BODY	PURPOSE
ICGA-2014 16th-18th Oct	International Conference on Geometry and its Applications	Jadavpur University	Participated
24-25th February, 2015	National Conference on Emerging Trends in Physics of Fluids & Solids	Jadavpur University	Participated
RAMA- 2015, 12th March.	Recent Advances in Mathematics and its Applications	University of Calcutta	Participated
25-27 March, 2015	Recent Trends in Applied Mathematics and its Computational Aspects	University of Calcutta	Paper presentation
24th April, 2015	UGC-Sponsored National Level Seminar Recent Trends in Applicable Mathematics	The Bhawanipur Education Society College, Kolkata	Paper presentation
10-11 July, 2015	International workshop on Differential Geometry	Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh	Participated
9-11 December, 2015	International Conference on non-linear dynamics, analysis and optimization (ICNDAO 2015)	Jadavpur University	Paper presentation
17-19 Decemberr, 2015	NCETMMS 2015	Calcutta Mathematical Society	Paper presentation
27-30 December, 2015	IMS 2015	Indian Mathematical Society	Paper presentation
3ed August, 2016	ITMIA 2016	Shri Shikshayatan College	Paper Presentation
1-12 December, 2016	CIMPA-INDIA Research School, 2016	Jadavpur University	Participated
5-7 December, 2017	ICGMMCP-2017	Calcutta Mathematical Society	Paper presentation Best Paper Award
6-7 February, 2020	RAMA-2020	University of Calcutta	Paper presentation
13th March, 2020	NLDA-2020	Jadavpur University	Paper presentation

8th September, 2020	One Day International Inter-Disciplinary Webinar on Decoding COVID-19 and Allied Issues	Islampur College	Paper Presentation
21st-25th September, 2020	Virtual Workshop on Pure Mathematics	University of Calcutta	Participated
18-27th January, 2022	CIMPA-CMS Research School on “Groups and Geometry”	Calcutta Mathematical Society	Participated
3rd August, 2022	One Day International Seminar on Pollution and Biosafety: Issues & Concerns	Raja Rammohun Roy Mahavidyalaya	Paper Presentation
2nd December, 2022	Recent Trends in Mathematical and Computational Science	Raja Rammohun Roy Mahavidyalaya	Joint Convener

RESEARCH EXPERIENCE: I have done my research work in the field of Differential Geometry mainly on Ricci flow and on conformal Ricci flow under the DST Inspire Fellowship Scheme, in the Dept. of Mathematics, Jadavpur University, Kolkata- 700032.

INDUCTION PROGRAMME//REFRESHER COURSE//FDP ATTENDED

DATE	TITLE	ORGANIZING BODY	PURPOSE
03rd-10th August, 2020	Online FDP on “E-Learning Platform in COVID-19 Pandemic	E & ICT Academy IIT Guwahati	Participated
25th -28th August, 2020	Four Day FDP on Applications of Mathematics in Engineering	KPRIET	Participated
3rd September-18th September, 2020	Online Subject Refresher Course – Environmental Studies	Aligarh Muslim University, Aligarh	Participated
23rd September-31st October, 2020	Online Faculty Induction Programme	Aligarh Muslim University, Aligarh	Participated
10-17th July, 2021	One week FDP	Calcutta Mathematical Society	Participated
21st August-04th September, 2021	Online Subject Refresher Course in Teacher Education	Aligarh Muslim University, Aligarh	Participated
27th September-11th October, 2022	Online Interdisciplinary Subject Refresher Course – Environmental Studies	Aligarh Muslim University, Aligarh	Participated
19th-28th February, 2024	Online NEP 2020 Orientation and Sensitization Programme	The University of Burdwan	Participated

LIFE MEMBERSHIP: 1. Life member of Calcutta Mathematical Society.

2. Life member of Indian Mathematical Society.

TEACHING EXPERIENCE: 1. Worked as a guest lecture at Shri Shikshayatan College from March, 2017 to June, 2018.

2. Worked as a college whole-time teacher at Bhawanipur Education Society College from July, 2017 to September, 2019.

3. Working as an Assistant Professor at Raja Rammohun Roy Mahavidyalaya from 01.11.2019.

DECLARATION: All the details furnished above are true to best of knowledge and belief.

Tamalika Dutta

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Department of Mathematics,

Raja Rammohun Roy Mahavidyalaya.