

Curriculum Vitae

Name	Tarak Mandal	
Designation	Assistant Professor	
Department	Department of Mathematics	
Institution	Jangipur College	
Email	mathtarak@gmail.com	
Academic Qualification		
Examination	College/University	Year of Passing
B.Sc	Chakdaha College, University of Kalyani	2006
M.Sc	University of Kalyani	2008
NET	CSIR	2012
Ph.D	University of Kalyani	Pursuing
Teaching Experience		
Organization / Institution	Designation	Duration
Majhergram High School, Nadia	Assistant Teacher	23.09.2009-06.03.2017
Jangipur College	Assistant Professor	07.03.2017-till date
Area of Specialization: Differential Geometry, Topology, PDE, Real Analysis.		
Publications (Top Ten):		
<ol style="list-style-type: none"> 1. T. Mandal, On D-homothetically deformed $N(\kappa)$-contact metric manifolds, Bulletin of the Transilvania University of Brasov. Seris III: Mathematics and Computer Science, 71-88 (2021). (SCOPUS) 2. T. Mandal, Ricci-Yamabe solitons on (κ, μ)-almost coKähler manifolds, Afrika Matematika, 33 (2) (2022), 1-10. (SCOPUS) 3. T. Mandal, Miao-Tam equation on almost coKähler manifolds, Commun. Korean Math. Soc, 37 (3) (2022), 881-891. (SCOPUS) 4. T. Mandal and A. Sarkar, $N(\kappa)$-contact Riemann solitons with certain potential vector fields, Filomat, 37 (30) (2023), 10369-10381. (SCIE) 5. T. Mandal, U. Biswas and A. Sarkar, Generalized Ricci solitons on $N(\kappa)$-contact metric manifolds, Kyungpook Mathematical Journal, 63 (2) (2023), 313-324. (SCOPUS) 6. T. Mandal and A. Sarkar, $*$-conformal Ricci solitons on almost coKähler manifolds, Commun. Korean Math. Soc., 38(3) (2023), 865-880. (SCOPUS) 		

7. U.C. De, **T. Mandal** and A. Sarkar, Miao-Tam equation and Ricci solitons on three-dimensional trans-Sasakian generalized Sasakian space-forms, *Universal Journal of Mathematics and applications*, 7 (1) (2024), 1-11. (SCOPUS)
8. G. Mitra, **T. Mandal** and A. Sarkar, Nearly vacuum static equations on K-contact manifolds and its applications in spacetimes, *The European Physical Journal Plus*, 139 (2) (2024), 1-10. (SCI)
9. **T. Mandal**, A. Sarkar and U.C. De, On nearly vacuum static equations in almost coKähler manifolds with applications to spacetimes, *Analysis and Mathematical Physics*, 14 (3), 66, 2024. (SCIE)
10. **T. Mandal**, U.C. De, M. A. Khan and M. N. I. Khan, A study on contact metric manifolds admitting a type of solitons, *Journal of Mathematics*. (Accepted) (SCIE)

Paper Presented/Attended/Resource Person in Seminar/Conference/Workshops/FDP's (Top Ten):

1. Presented a paper entitled **Conformal Ricci solitons on LP-Sasakian manifolds admitting Zamkovoy connection** in the **International Conference on Recent Developments in Mathematical Sciences (ICRDMMS 2021)** organized by Calcutta Mathematical Society, 9th-11th December, 2021.
2. Presented a paper entitled **Ricci-Yamabe solitons on (κ, μ) -almost coKähler manifolds** in the **National Webinar on Recent Advances in Mathematics and its Applications (RAMA-2022)** organized by Department of Pure Mathematics, University of Calcutta, 10th -11th March, 2022.
3. Presented a paper entitled **Miao-Tam equation on almost coKähler manifolds** in the **International Conference on Mathematical Analysis and Applications (ICOMAA-2022)** organized by the Department of Mathematics, University of Kalyani, 28th-29th June, 2022.
4. Presented a paper entitled **\star -conformal Ricci solitons on almost coKähler manifolds** in the **International Webinar on Recent Trends in Mathematical Theory and Applications** organized by the Department of Mathematics, West Bengal State University, 14th -15th December, 2022.
5. Presented a paper entitled **Certain results on three-dimensional f-Kenmotsu manifolds with conformal Ricci solitons** in the **International Webinar on Advances in Mathematical Sciences** organized by the Department of Mathematics, West Bengal State University, 30th - 31th March, 2023.
6. Participated in **Online workshop on curricular modifications of Undergraduate courses in Mathematics Under CBCS pattern**, Undergraduate Board of studies, Department of Mathematics, University of Kalyani, 11th July, 2021.

Other details(if any):