FACULTY MEMBERS' ACADEMIC PROFILE

1. **Name of the Faculty member:** **Dr. Gopal Ghosh**
2. **Designation:** **Assistant Professor in Mathematics (WBES)**
3. **Qualification:** **B.Sc (Hons.), M.Sc in Pure Mathematics, Ph.D. in Differential Geometry**
4. **Specialization:** **Differential Geometry**
5. **E-mail address:** **ghoshgopal.pmath@gmail.com**
6. **Date of Joining in W.B.E.S.:** **07.07.2020**
7. **Date of Joining in this College:** **09.01.2025**
8. **Total Teaching experience at the college level:** **12 years as on 09.01.2025**
9. **Research interests:** **Contact manifold, Almost contact manifold, Para contact manifold, Almost Para contact manifold.**
10. **Title of thesis (Ph.D.) with year:** **"Some aspects of certain structures on Riemannian and Semi-Riemannian manifolds", 2018 .**
11. **Research guidance:** **Nil**
12. **Research Projects (Completed and ongoing):** **Nil**
13. **List of publications:**

A) Published papers in Journals:

1. A. Barman and **G. Ghosh.,** Concircular curvature tensor of a semi-symmetric non-metric connection on P-Sasakian manifolds, An. Univ. Vest. Timis. Ser. Mat. Inform 54, 47-58, 2016.
2. U. C. De and **G. Ghosh.,** On generalized Tanaka-Webster connection in Sasakian manifolds, Bulletin of the Transilvania University of Brasov. Series III: Mathematics and Computer Science, 13-24, 2016.
3. **G. Ghosh**., On a semi-symmetric non-metric connection in an almost Kenmotsu manifold with nullity distribution, Facta Universitatis, Series: Mathematics and Informatics, 31, 245-257. 2016.
4. **G. Ghosh** and U. C. De**.,** On a semi-symmetric metric connection in an almost Kenmotsu manifold with nullity distributions, Acta Universitatis Palackianae Olomucensis. Facultas Rerum Naturalium. Mathematica, 55, 87-99, 2016.
5. **G. Ghosh.**, and U. C. De., Kenmotsu manifolds with generalized Tanaka-Webster connection, Publications de l'Institut Mathematique, 102, 221-230, 2017.

6. **G. Ghosh.,** On Schouten-van Kampen connection in Sasakian manifolds, Boletim da Sociedade Paranaense de Mathematica, 36, 171-182, 2018.
7. P. Majhi and **G. Ghosh**., Concircular Vectors Field in (kappa; mu)-Contact Metric Manifolds, 11, 52-56, 2018.
8. P. Majhi and **G. Ghosh.,**On a classification of Para-Sasakian manifolds, Facta Universitatis, Series: Mathematics and Informatics, 781-788, 2018.
9. **G. Ghosh**., P. Majhi., U. C. De.,On a Classification of Almost Kenmotsu Manifolds with Generalized (k, μ)′-nullity Distribution, Kyungpook Mathematical Journal , 58, 137-148, 2018.
10. U. C. De., **G. Ghosh.,** J. B. Jun and P. Majhi.,Some results on paraSasakian manifolds, Bulletin of the Transilvania University of Brasov. Series III: Mathematics and Computer Science, 11 (60), 49-64, 2018.
11. **G. Ghosh** and P. Majhi**.,** Certain results on almost Kenmotsu manifolds with conformal Reeb foliation, Communications of the Korean Mathematical Society, 33,261-272, 2018.
12. **G. Ghosh** and C. Dey., Generalised CR-submanifolds of a LP-Sasakian Manifolds, Filomat, 32, 6281-6287, 2018.
13. P. Majhi and **G. Ghosh**.,**Certain** results on generalized (κ, μ) contact manifolds, Bol. Soc. Parana. Mat., 37, 131-142, 2019.
14. U. C. De and **G. Ghosh**., SOME RESULTS ON ALMOST KENMOTSU MANIFOLDS WITH GENERALIZED (k, μ)'-NULLITY DISTRIBUTION, Communications of the Korean Mathematical Society, 34, 1289-1301, 2019.
15. **G. Ghosh** and U. C. De., Generalized Ricci solitons on K-contact manifolds, Mathematical Sciences and Applications E-Notes, 8, 165-169, 2020.
16. **G. Ghosh** and U. C. De**.,** On almost Kenmotsu manifolds with generalized nullity distribution, Acta Mathematica Universitatis Comenianae, 89, 309-317, 2020.
17. **G. Ghosh** and U. C. De**.,** Generalized Ricci solitons on contact metric manifolds, Afrika Matematika, 33,32,2022.
18. **G. Ghosh.,** A Note on Yamabe Solitons on 3-dimensional Almost Kenmotsu Manifolds with Q\phi=\phi Q**,** International Electronic Journal of Geometry, 16, 196-200, 2023.
19. U. C. De., **G. Ghosh** and K. De., Characterization of a paraSasakian manifold admitting Bach tensor, Commun. Fac. Sci. Univ. Ank. Ser.A1Math.Stat, 826-838, 2023.
20. **U. C. De and G. Ghosh.**, Bach Almost Solitons in ParaSasakian Geometry, Bull. Korean Math. Soc. 60 pp. - 763-774 (2023).

B) Conference Proceedings:

14. Membership of Learned Societies/ Editorial Boards, etc.: NA

15. Patents: NA

16. Awards: NA

17. Other notable activities: NA

18. Participation in

A) Seminars/Symposia/Conferences/Workshops:

B) OP/RC:

(i) Successfully completed the Faculty induction programme organized by the UGC-Human Resource Development Centre from 08.02.2022 to 12.03.2022.

(ii) Successfully completed the Refresher Course organized by the UGC-Human Resource Development Centre from 08.02.2022 to 12.03.2022.