FACULTY MEMBER ACADEMIC PROFILE
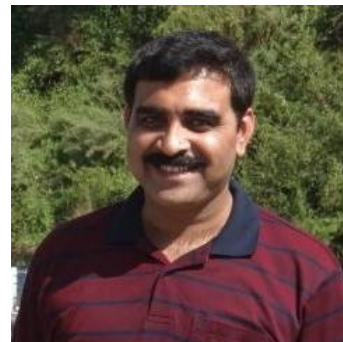
1. **Name of the Faculty member:** Dr. SUJIT GHOSH

2. **Designation:** Assistant Professor in Mathematics (W.B.E.S.)

3. **Qualification:** M.Sc. (University of Kalyani);

   B.Ed. (NSOU); Ph.D. (CU)

4. **Specialization:** Differential Geometry

5. **E-mail address:** math.sujit6@gmail.com

6. **Date of Joining in W.B.E.S.:** 25.02.2015

7. **Date of Joining in this College:** 25.02.2015

8. **Total Teaching experience in College level:** 3+ years

9. **Research interests:** Differential Geometry

10. **Title of thesis (Ph.D.) with year:** "Certain Investigations on Contact Metric Manifolds" (2013)

11. **Research guidance:** Nil

12. **Research Projects (Ongoing): 01**

Year	Name of PI	Title of Project	Amount (in Rs.)	Duration	Funding Agency with date
2017-2019	**Dr. Sujit Ghosh**	Certain investigations on (k,μ)-contact metric manifolds	2,30,000/-	2 years	UGC No. F. PSW-166/15-16 (ERO) Dated 02.01.2017

13. **List of publications:**

   Published papers in Peer reviewed Journals:

1. "On a class of K-contact manifolds", U.C. De and **S. Ghosh**, *SUT J. Math.*, **2010**, 45, 103-118 [ISSN 0916-5746, **IF: 0.26**].
2. "On a class of (k,μ)-contact manifolds", **S. Ghosh**, *Bull. Cal. Math. Soc.*, **2010**, 102, 219-226 [ISSN 0970-8596].
3. "Conharmonic curvature tensor on K-contact manifolds", **S. Ghosh**, *J. Nat. Acad. Math.*, **2010**, 24, 31-30 [ISSN 0970-5228].
4. "On a class of generalized (k,μ)-contact metric manifolds" **S. Ghosh** and U.C. De, *Proc. Janjeon Math. Soc.*, **2010**, 13, 337-347 [ISSN 1598-7264; **IF: 0.60**].
5. "On -quasi-conformally symmetric (k,μ)-contact manifolds", **S. Ghosh** and U.C. De, *Lobachevskii J. Math.*, **2010**, 31, 367-375 [ISSN 1995-0802; **IF: 0.60**].

6. "Conharmonic Curvature Tensor on N(k)-Contact Metric Manifolds", **S. Ghosh**, U.C. De and A. Taleshian, *ISRN Geom.*, **2011**, Vol. 2011, Article ID 423798, 11 pages [ISSN 2090-6307].

7. "On a Class of (k,μ)-Contact Metric Manifolds", **S. Ghosh** and U.C. De, *Analele Universitatii Oradea Fasc. Matematica*, **2012**, Tom XIX, 231-242 [ISSN 1221-1265].

8. "D-Homothetic Deformation of Normal Almost Contact Metric Manifolds", U.C. De and **S. Ghosh**, *Ukrainian Math. J.*, **2012**, 64, 1331-1346 [ISSN 0041-5995; **IF: 0.189**].

9. "A Classification of Three Dimensional N(k)-Contant Metric Manifolds", U.C. De and   **S. Ghosh**, *Acta Universitatis Apulensis*, **2014**, 39, 1-16 [ISSN 1582-5329].

10. "On a Class of N(k)-contact Metric Manifolds", U.C. De, A. Yildiz and **S. Ghosh**, *Math Reports*, **2014**, 16(66), 207-217 [ISSN 2285-3898; **IF: 0.30**] .

11. "E-Bochner curvature tensor on N(k)-contact metric manifolds", U.C. De and **S. Ghosh**, *Haceteppe J. Math. And Stat.*, **2014**, 43(3), 365-374 [ISSN 1303-5010; **IF: 0.277**].

12. "On *C*-Bochner Curvature Tensor of (k,\mu)-Contact Metric Manifolds", U.C. De and **S. Ghosh**, *Novi Sad J. Math.*, **2014**, 44, 41-51 [ISSN 1450-5444; **IF: 0.48**].

13. "On \phi -Ricci Symmetric (k,\mu)-Contact Metric Manifolds", **S. Ghosh** and U.C. De, *Acta Math. Univ. Comenianae*, October, **2017**, Vol. LXXXVI, 2, 205-213 [ISSN 0862-9544; **IF: 0.59**].

14. "Isometric Immersion of 3-Dimensional Normal Almost Contact Metric Manifolds", **S. Ghosh**, *Palestine Journal of Mathematics*, **2018**, Accepted [ISSN 2219-5688].

14.   **Membership of Learned Societies/ Editorial Boards, etc.:**
   1. Life Member of Calcutta Mathematical Society
   2. Life Member of Nadia Mathematical Society

15.   **Patents:** Nil

16.   **Awards:** Nil

17.   **Other notable activities:** Nil

18.   **A) Participation in Seminars/Symposia/Conferences/Workshops:**

1. **Presented paper** entitled "Certain results on 3-dimensional normal almost contact metric manifolds" in the **18th National Conference** on '*Recent Trends in Physical Sciences*', organized by Faculty of Science, University of Allahabad on **22nd -24th December, 2015**.

2. **Presented paper** entitled "Conharmonic curvature tensor on K-contact manifolds" in the **National Seminar** on '*Recent Developments in Mathematics and its Applications*', organized by Department of Mathematics, University of Kalyani on **21st -22nd January, 2016**.

3. **Presented paper** entitled "On a class of normal almost contact metric manifolds" in the **National Seminar** on '*Recent Advances in Mathematics and its Applications*', organized by Department of Pure Mathematics, University of Kalyani on **24th -25th February, 2016**.

4. **Presented paper** entitled "Some results on normal almost contact metric manifolds of dimension three" in **22nd International Conference of International Academy of Physical Sciences**, organized by Dr. Ram Manohar Lohia Avadh University, Faizabad, Uttar Pradesh on **13th- 15th April, 2018**.

B) Participation in OP/RC:

1. Participated in an **Orientation Program**, sponsored by Ministry of Youth Affairs and Sports, Govt. of India, organized by Training Orientation & Research Center, Ramkrishna Mission Ashrama, Narendrapur during **29th November to 05th December, 2015**.
2. Participated in UGC sponsored **Orientation Programme** organized by UGC-HRDC, University of Calcutta, from **17th July to 12th August, 2017**.