



Debahuti Paikaray, M.Sc., M.Phil.

Designation : Asst. Professor

Department : Department of Basic Science and Humanities

(WORKED IN THE INSTITUTE FROM 2009 TO 2017 AND REJOINED IN 2020)

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RESEARCH INTERESTS

Projective Geometry

Academic Qualifications

Ph. D (Mathematics): Continuing in Silicon University

M. Phil (Mathematics): Utkal University, 2011

M. Sc. (Mathematics): Utkal University, 2004-2006

Teaching Experience/Industrial Experience/Research Experience

15 years of teaching experience in engineering mathematics since 2007.

PUBLICATIONS

CONFERENCES

- [1] **D.Paikaray**, S.Biswal and S.K.Misra, Counting of Multi-Perspective Triangles in Finite Projective Planes, International Conference on Contemporary Researchers in Engineering, Science, Management & Arts (ICCRESM), Coimbatore, Tamil Nadu, 22nd Feb'2024.
- [2] S.Biswal, **D. Paikaray** and S.K.Misra, Length of Graves Sequence of Triangles in some Finite Geometries, International Conference on Contemporary Researchers in Engineering, Science, Management & Arts (ICCRESM), Coimbatore, Tamil Nadu, 22nd Feb'2024.

PAPER PRESENTATION

- [1] S.Biswal, **D. Paikaray** and S.K.Misra, A Counting Problem of Perspective Tetrahedrons in $PG(3, q)$, 46th Annual Conference of OMS, Bhubaneswar, Odisha, 19th Jan' 2019.
- [2] **D. Paikaray**, S. Biswal and S.K. Misra, Counting of TwoFold and FourFoldPerspective triangles in $PG(2,3)$ and $PG(2,5)$, International Conference on "Analysis and Discrete Mathematics" & 49th Annual Conference of Odisha Mathematical Society, Bhubaneswar, Odisha, 27th Mar' 2022.

Conferences attended

- [1] 38th Annual Conference of OMS and National Seminar on "Role of Mathematics in Engineering & Technology", ITER, Bhubaneswar, Odisha, 8th and 9th Jan 2011.
- [2] 39th Annual Conference of OMS and National Seminar on "CRYPTOGRAPHY", VIVTECH. Bhubaneswar, Odisha, 4th and 5th Feb 2012.
- [3] 41th Annual Conference of OMS and National Seminar on "Industrial Mathematics and Scientific Computing", KIIT, Bhubaneswar, Odisha, 4th and 5th Jan 2014.

Member of Professional Society :

1. Life member of Orissa Mathematical Society