Susmita Biswal, M.Sc., M.Phil.

Designation: Assistant Professor

Department: Department of Basic Sciences and Humanities

(Joined the institute in July 2010)

Contact : +919437616935(M), +917978989060(M)

Email : susmita.biswal@silicon.ac.in

RESEARCH INTERESTS

Projective Geometry

Academic Qualifications

M. Phil (Mathematics) Ravenshaw University, Cuttack, India

M. Sc. (Mathematics) N.I.T. Rourkela, India

B.Sc. B.Ed (4 years Integrated): Regional Institute of Education, NCERT, Bhubaneswar, India.

Qualified GATE in 2012 with All India Rank 244.

Certificate Courses:

1) Differential Equations for Engineers, The Hong Kong University of Science and Technology, June 2020. (COURSERA)

2) Vector Calculus for Engineers, The Hong Kong University of Science and Technology, June 20COURSERA)

3) Matrix Algebra for Engineers, The Hong Kong University of Science and Technology, June 2020. (COURSERA)

4) Data Science Math Skills, Duke University, June 2020. (COURSERA)

5) Fibonacci Numbers and the Golden Ratio, The Hong Kong University of Science and Technology, July 2020. (COURSERA)

6) Mathematics for Machine Learning: Linear Algebra, Imperial College London, July 2020.(COURSERA)

7) Probability and Statistics: To p or not to p?, University of London, August 2020(COURSERA)

8) An Intuitive Introduction to Probability, University of Zurich, October 2020 (COURSERA)
9) Introduction to Complex Analysis, Wesleyan University, May 2024(COURSERA)

Teaching Experience
- ✓ 14 years

CONFERENCES (PAPER PRESENTATION AND E-PROCEEDINGS)

[1] **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(ICCRESMA), Coimbatore, Tamil Nadu, 22nd Feb'2024.

[2] 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(ICCRESMA), 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] **S.Biswal**, Counting of Triply Perspective Triangles in PG(2,3) & PG(2,5), International Conference on "Analysis and Discrete Mathematics" & 49th Annual Conference of Odisha Mathematical Society,Bhubaneswar, Odisha, 27th Mar' 2022.