Name: Dr. Samira Behera

Designation: Assistant Professor

Phone: 9435073898

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Academic Profile:

Sl. No.	Degree/Qualification	Year	Institution	Remark
1.	M.Sc.	1992	Utkal University	
2.	Post B.Sc. D.C.A.	1993	Utkal University	
3.	M.Phil.	1994	Utkal University	
4.	CSIR-UGC NET	1996		CSIR-JRF
5.	Ph.D.	2010	Utkal University	

Employment Profile:

Sl. No.	From	To	Position held	Institution
1.	September 1st, 1997	June, 1998	Research Scholar (JRF), Department of Mathematics,	Utkal University
2.	July 1st, 1998	Till date	Assistant Professor, Department of Mathematics	Assam University, Silchar
3.				

Course(s) Taught:

1. Real Analysis
2. Complex Analysis
3. Topology
4. Partial Differential Equations
5. Linear Algebra
6. Numerical Analysis
7. Computer Programming (FORTRAN 77)
8. Operations Research

Details of Publication: Enclosed

M. Phil. /Ph.D. Supervision:

Sl.No.	Name of the Scholar	Year	Title	Ph.D./M. Phil.	Status
1.	Alanur Hussain Laskar	2011	Numerical methods for approximating eigen value Problem	Ph.D.	Continuing
2.	Anamul Haque Laskar	2011	Numerical methods for approximating solutions to system of linear equations	Ph.D.	Continuing

M.Sc. Project Supervision:

Sl. No.	Name of the Scholar	Year
1.	Jahir M.A. Mazumder	2013
2.	K. Bindiya Singha	2013
3.	Monisha Kumari Hitang	2013
4.	Souvik Acharya	2014
5.	Thoibileima Singha	2014

Ongoing/ Completed Research project:

Sl. No.	Title of the Project	Funding Agency	PI/CI	Money Approved	Status
1	Degree of approximation by the generalized harmonic Cesaro method and its application	UGC	Principal Investigator of the Major Research Project	Rs. 3,76000	Ongoing

Research Interest: Theory of Approximation, Linear Algebra, Numerical Linear Algebra, Operations Research.

Workshop/Conference attended/ organized/ Invited talk given:

Sl. No.	Name of the Program	Venue	Attended/ Organized/Invited talk given	Year
1.	National Conference on "Trends in Mathematical Science Research"	Department of Mathematics, Assam University, Silchar	Presented a paper with A.H. Laskar	2014
2.	Faculty Development Program	School of Technology, Assam University, Silchar	Organized	2014

Membership of Professional /Learned/ Scientific Bodies/Societies:

1. Life member of Orissa Mathematical Society.
2. Life member of Barak Education Society.
3. Life member of Assam Academy of Mathematics.

List of papers published in Journals:

1. Behera, S., Degree of approximation of Fourier series of fractional mean of function of bounded variation by (Z,δ,β) method, J. Adv. Math, 9(1), 2014, 1664-1703.

2. Behera, S., Degree of approximation of conjugate Fourier series of function of bounded variation by $(z,\delta \beta,)$ method, Int. J. Math. Arch., 5(5), 2014, 94-104.

3. Behera, S., Degree of approximation of Fourier series of function of bounded variation by $(z,\delta \beta,)$ method, IOSR J. Math. 10 (3), 2014, 59-69.

4. Laskar, A.H., Behera, S., Power method and its convergence for approximating dominant eigenvalue and its corresponding eigenvector, Int. J. Math. Arch., 5(6), 2014, 1-5.

5. Laskar, A.H., Behera, S., Approximation of smallest eigenvalue and its corresponding eigenvector by power method, Int. J. Math. Arch., 5(7), 2014, 49-56.

6. Laskar, A.H., Behera, S., A new refinement of generalized gauss-seidel method for solving system of linear equations, Int. J. Math. Arch., 5(6), 2014, 104-108.

7. Laskar, A.H., Behera, S., Refinement of iterative methods for the solution of system of linear equations Ax=b, IOSR J. Math. 10 (3), 2014, 70-73.

8. Laskar, A.H., Behera, S., A comparative study of numerical methods for solving system of linear equations, Int. J. Math. Arch., 5(8), 2014, 216-221.

9. Behera, S. Degree of approximation of conjugate fourier series of fractional mean of function of bounded variation by (Z,δ,β) method, Int. J. Sci. In. Math. Res. (accepted).