

Academic Profile

Name : Dr. (Mrs) Priyadarsini Parida

Designation: Junior Lecture

Department: Mathematics

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Educational Qualification: M.Sc. (Ravenshaw University); M.Phil (Ravenshaw University);
Ph. D (Ravenshaw University)

Specialization: Numerical Analysis, Dynamics, Operation Research, Index Summability

Teaching Experience: Faculty in KKS Women's College, Balasore from 2016 to till date

Publications:

1. A. A. Das, S. K. Paikray, **P. Parida**, Degree of approximation in the generalized Lipschitz class via (E, q) α -product summability means of fourier series, **TWMS J. App. Eng. Math.**, **10** (2020), 53-62 (E-SCI & SCOPUS).
2. S. K. Paikray, **P. Parida**, S. A. Mohiuddine, A Certain Class of Relatively Equi-Statistical Fuzzy Approximation Theorems, **European Journal of Pure and Applied Mathematics** **13** (2020), 1212-1230 (E-SCI & SCOPUS).
3. A. A. Das, S. K. Paikray, V. N. Mishra and **P. Parida**, A certain class of equi-statistical convergence based on $(p; q)$ -integers via deferred Norlund mean and related approximation theorems, **Analysis in Theory and Applications**, Vol. **36**, No. 2 (2020), pp. 1-24. (E-SCI & SCOPUS).
4. **P. Parida**, S. K. Paikray and B. B. Jena, Statistical Tauberian theorems for Cesàro integrability mean based on post-quantum calculus, **Arab. J. Math.**, 2020, pp. 1-13 (E-SCI & SCOPUS).

5. **P. Parida**, S. K. Paikray and H. Dutta, On approximation of signals in $Lip(\alpha, r)$ class using the product $(\bar{N}, p_n, q_n)(E, s)$ - summability means of conjugate Fourier series, **Nonlinear Stud.** **27** (2020), pp. 1-9 (E-SCI & SCOPUS).
6. **P. Parida** S. K. Paikray and B. B. Jena, Generalized Deferred Cesaro Equi-statistical Convergence and Analogous Approximation Theorems, **Proyecciones Journal of Mathematics**, Vol. 39, pp. 307-331, 2020 (E-SCI & SCOPUS).
7. B. B. Jena, S. K. Paikray, **P. Parida** and H. Dutta Results on Tauberian theorem for Cesaro summable double sequences of fuzzy numbers, **Kragujevac Journal of Mathematics**, pp. 495-508, Vol. 44, 2020 (E-SCI & SCOPUS).
8. **P. Parida**, S. K. Paikray and M. Das, Degree of Approximation by product $(\bar{N}, p_n, q_n)(E, q)$ summability of Fourier series of a signal belonging to $Lip(\alpha, r)$ -class, **TWMS Journal of Applied and Engineering Mathematics**, pp. 901-908, Vol. 9, 2019 (E-SCI & SCOPUS).
9. **P. Parida**, S. K. Paikray, B. B. Jena, Tauberian Theorems for Statistical Cesaro Summability of Function of Two Variables over a Locally Convex Space, 2019 (SCOPUS)
10. **P. Parida**, S. K. Paikray, H. Dutta, B. B. Jena and M. Dash, Tauberian theorems for Cesaro summability of n-th sequences, **Filomat**, pp. 3993-4004, Vol. 32, 2018 (SCI & SCOPUS).

Seminars/Workshops/:

1. National Seminar on Data science with 46th Annual Conference of Odisha Mathematical Society, Silicon Institute of Technology, BBSR, 19-20, Jan 2019
2. 45th National Conference of Odisha Mathematical Society and National Seminar on computational and mathematical engineering (cme-2k18), PMEC, Berhampur, Odisha, 3-4, Feb 2018.
3. International workshop on recent trends in Mathematics and Applications (IWRTMA-2016), VSSUT, Burla, 1-2 Aug, 2016

Conferences (Presented/Attended):

1. 2nd International Conference on Global Advancement of Mathematics (Gam-2019), Acharya Institute of Graduate Studies, Bengaluru, **Absolute Indexed Cesaro Summability of Improper Integrals** (25-26, June 2019)
2. 5th International conference on latest innovations in science, engineering and management - 2017, The international centre Goa, Panjim, Goa India, Statistical $(N, p, q)(E, q)$ summability and its approximation theorems, 28-30, Sept. 2017

3. 44th Annual conference & National conference on Advances in Mathematics and its Applications (NCAMA-2017), Ravenshaw University, Cuttack, **Tauberian theorem for Cesaro summability of n th sequences**, 31st March and 1st April, 2017

Administrative Assignments: Red Cross; Library

Extra Institutional Affiliation:

Extraordinary Feats:

- **Qualified NET & JRF (CSIR-UGC) June 2016**
- **Reviewer in American Mathematical Society (Math Review)**
- **Reviewer in Various International Journals**

