



## Chittaranjan Behera, Ph.D.

Designation: Associate Professor

Department: Department of Basic Sciences and Humanities

(JOINED THE INSTITUTE IN 2001)

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### ACADEMICS

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#### RESEARCH INTERESTS

Neutral Delay Différence équation , Oscillatory and asymptotic behavior of neutral delay difference equation

#### ACADEMIC QUALIFICATIONS

PhD (Mathematics): BPUT, Odisha, India

M.Phil (Mathematics): Berhampur University, India

M. Sc. (Mathematics): Ravenshaw University, India (1st position)

Certificate

Course: High-Dimensional Data Analysis, Harvard University(edx),USA , August 2018 (MOOCS)

#### TEACHING/ INDUSTRIAL / RESEARCH EXPERIENCE

- 25 years of teaching experience in UG, PG degree teaching
- 11 years of research experience.

### PUBLICATIONS

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#### JOURNAL&CONFERENCES

[1]. C.R. Behera, R. N. Rath, P.P. Mishra, Oscillation and asymptotic behavior of a higher-order neutral delay difference equation with variable delays under  $\Delta_m$ , Math. Slovaca, 70(6), Dec' 2020.

- [2]. C.R. Behera, R.N. Rath, Oscillation and asymptotic behavior of second-order neutral delay difference equations with variable delays, *Int. J. of Diff. equ.*15(1), 107 – 126, 2020.
- [3]. C.R. Behera, , R. N. Rath, P.P. Mishra, Oscillation for second-order neutral delay difference equations with variable delays, *Int. J. of Mathematical, Engineering and Management Sciences*, 5(4), 663 – 681, 2020.
- [4]. R.N. Rath, C.R. Behera, Oscillatory and asymptotic behavior of a first order neutral equation of discrete type with variable several delay under  $\Delta$  sign, *International J. of Math. And Mathematical Sciences*, 2018, Article ID 4586176, <https://doi.org/10.1155/20184586176>.
- [5]. R. N. Rath, C. R. Behera, A. K. Bhuyan, Oscillatory and asymptotic behavior of higher order neutral difference equations, *Acta Mathematica Academia ePaedagogicaeNyíregyháziensis*, 31(2), 233 - 248, 2015.

#### **CONFERENCES/WORKSHOP ATTENDED:**

- [1]. 36th Annual Conference of Odisha Mathematical Society, 7 - 8th Feb 2009, IMA, BBSR
- [2]. National Seminar on Probability and Analysis, 11th and 12th Feb' 2009, IMA, BBSR
- [3]. 38th Annual Conference of Odisha Mathematical Society and National Seminar on Role of Mathematics in Engineering and Technology, 8 - 9th Jan 2011, ITER, BBSR.
- [4]. Workshop on Numerical Optimization and Its Engineering Applications, 7 - 10th July 2011, SIT, BBSR
- [5]. National Conference on Future Trends in Information and Communication technology and Application, 10th Sept 2011, SIT, BBSR
- [6]. National Seminar on Optimization and Its Applications, 16 - 17th Dec' 2011, TAT, BBSR
- [7]. 39th Annual Conference of Odisha Mathematical Society and National Seminar on Cryptography, VIT, (BBSR), 2012
- [8]. UGC Sponsored National Seminar on Discrete Mathematics and Its Applications, 9 - 10th Dec 2012, Pattamundai College, Pattamundai, Odisha.
- [9]. 99th Indian Science Congress, 3 - 7th Jan' 2012, KIIT University, BBSR.
- [10]. 3rd Int. Symposium on Complex Dynamical Systems and Applications, 10 - 12th March 2014, ISI Kolkata.

- [11]. Workshop on Graph Theory and Applications, 15th Dec 2015, SIT,BBSR [12].  
Workshop on Scientific Document Preparation Using LATEX, 28 - 29th Dec 2015, SIT,BBSR
- [13]. Online Course on Examination Reforms, 22-25th April 2020, AICTE New Delhi.
- [14]. BPUT, Academic meet: Transformation of Technical and Professional Education in line with NEP-2020, 27th Dec 2022, Lokseva Bhawan, BBSR.
- [15] 5th National Level workshop on NIRF India Ranking by IAE, Bangalore from 13th to 14th Dec 2023.
- [16] NAAC Reforms consultative programme on 20th July 2024 at Utkal University, BBSR

## ANY OTHER

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### **ADMINISTRATIVE RESPONSIBILITIES:**

Faculty In Charge of Time Table

FIC-ERP(Academics)

FIC-ERP(System)

FIC- FacultyAdvisers

Member of Academic Council of Silicon University, BBSR

Member of Examination Committee of Silicon University, BBSR

Member of Conducting Board of Silicon University, BBSR

Member of Program Coordination Committee (PCC) of Silicon University BBSR

### **AWARDS:**

National Scholarship Award in Post Graduation