



## Dr. Chinmayee Padhy - Ph. D.

**Name** : Chinmayee Padhy

**Designation** : Assistant Professor

**Department** : **Basic Science and Humanities**  
**(Mathematics)**

(JOINED THE INSTITUTE IN 20<sup>TH</sup> JUNE 2022)

**Contact** : +917978220981 (M)

**Email** : **Chinmayee.padhy@silicon.ac.in**

### RESEARCH INTERESTS

- Function Spaces
- **OPERATOR THEORY**

### Academic Qualifications

- Ph. D. (Mathematics) VSSUT, Burla, Odisha, India
- M. Phill. (Mathematics) Utkal University, Odisha, India

### Teaching Experience/ Industrial Experience/ Research Experience

Teaching Experience – 14 years

Research Experience – 6 years

## PUBLICATIONS

### JOURNALS

1. **Chinmayee Padhy**, Pabitra Kumar Jena and S.K.Paikray, **Aluthge transform of Operators on the Bergman Space**, *Arabian Journal of Mathematics*, Vol. 9, 645-651, 2020
2. **Chinmayee Padhy**, Pabitra Kumar Jena and S.K.Paikray, **Unitariness of operators**, *Miskolc Mathematical notes*, Vol. 22 no. 2, 831-840, 2021.
3. **Chinmayee Padhy**, Pabitra Kumar Jena, S.K.Paikray and H.Dutta, **Unitary operators on the Bergman space**, *Advances in Intelligent systems and computing*, Vol. 1111, 279-306, 2020
4. **Chinmayee padhy**, Pabitra kumar Jena, S.K. Paikray, **Operator matrices on the Bergman space**, *Filomat*, Vol. 36 (10), 3311-3320, 2022.
5. Pabitra Kumar Jena, **Chinmayee Padhy** and S. Das, **CERTAIN OPERATOR SOLUTIONS TO FERMATS TYPE EQUATION ON BERGMAN SPACES**, *Mathematical Foundations of Computing*, Doi: [10.3934/mfc.2024005](https://doi.org/10.3934/mfc.2024005).

### CONFERENCE PAPERS PRESENTED

1. National conference on Advances in mathematics and its Applications-2017 sponsored by Ravenshaw University, Cuttack, Odisha. Department of Mathematics,
2. International Conference in Mathematics-2017 held at Providence College for Women, Coonoor, TamilNadu, organized by IRMF.

3. International Conference **on Advanced Mathematical Analysis and its Application-2020** organized by Department of Mathematics, Berhampur University, Ganjam, Odisha.
4. International Conference on **advances in Mathematics and Computing 2020** organized by Department of Mathematics, VSSUT, Burla, Odisha.
5. 5 days UHV-FDP From 21st August to 25th August 2023 organized by AICTE
6. National Conference on **"The Role of Mathematics in Emerging Technologies-2024" (NCRMET-2024)** organized by Department of Basic Science and Humanities and School of Sciences, GIET University, Gunupur on 21st December.
7. 6 days ATAL FDP on **"Futuristic Trends in Intelligent and Distributed Computing: Insights, Implementation and Applications"** from **16th to 22nd January 2025**, organized by the Department of CSE, VSSUT BURLA, SAMBALPUR - 768018
8. International Conference on **Pure and Applied Mathematics-2025** organized by Department of Mathematics, Berhampur University, Odisha, India on 13th and 14th February.