

## **Curriculum Vitae**

**Subhendu Maji**

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### **Current Position:**

**Designation:** Assistant Professor (7<sup>th</sup> December 2020- Present)

**Department:** Mathematics

**University:** Swami Vivekananda University (Kolkata)

### **Previous Employment Detail:**

**(a)** Guest Lecturer ( 1<sup>st</sup> September 2020- 5<sup>th</sup> December 2020)

**Department:** Mathematics

**University:** Swami Vivekananda University (Kolkata)

**(b)** Assistant Professor (17<sup>th</sup> July 2019 - 5<sup>th</sup> December 2020) **Department:**

Mathematics

**College/University:** Swami Vivekananda Institute of Modern Studies

### **Research Interest:**

#### **Area of Specialization:**

- Applied Mathematics
- Operation Research
- Probability & Statistics
- Mathematical Biology

### **Academic Qualifications:**

- **2021-Present : Ph.D. (Mathematics)(Pursing)**

Institution: **Swami Vivekananda University (Kolkata)**

Supervisor: **Dr. Piu Samui**

- **2020: B.Ed. (Mathematics)**

Institution: **West Bengal University of Teachers' Training, Education Planning and Administration, Kolkata**

CGPA– 8.41

- **2018: M.Sc. (Mathematics)**

University: **West Bengal State University**

Percentage – 68.60 %

CGPA – 4.410

- **2016: B.Sc. (Mathematics)**

University: **West Bengal State University**

Percentage – 57.25 %

- **2011: Higher Secondary (12th)**

Board: **West Bengal Council of Higher Secondary Education**

Percentage – 68.60%

- **2009: Madhyamik(10th)**

Board: **West Bengal Board of Secondary Education**

Percentage – 76.87%

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### **Academic Responsibilities:**

#### **University Station Supervisor (USS)**

*Maulana Abul Kalam Azad University of Technology, West Bengal*

*January 7, 2020 – January 16, 2020*

*Ref. No.: COE/ USS DUTY/1357/ODD SEM /2019-20 / 90*

Appointed as a University Station Supervisor (USS) for the Phase-II Odd Semester Theory Examinations 2019-20 at **Techno Engineering College, Banipur**. Responsible for supervising examinations, ensuring protocol compliance, reporting misconduct and certifying the dispatch of answer scripts.

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## Professional Activities

- **Coordinator** – B.Tech 1<sup>st</sup> Year (2021-2024), Swami Vivekananda University
  - **Coordinator** - Webinar / Lecture Series, Swami Vivekananda University
  - **Co-Convener** - One-Day National Workshop, Swami Vivekananda University (May,2022)
  - **Member** - Exam Cell
  - **Nodal Officer** - West Bengal Student Credit Card, Swami Vivekananda University(July 2022 – Present)
  - **Nodal Officer** - Digi Locker NAD, Swami Vivekananda University (November 2023 – Present )
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## Publications :

- **An Approach to Solving Linear Programming Problems by Using Trapezoidal Intuitionistic Fuzzy Number and the Dual-Simplex Algorithm** – *Proceedings of 2nd International Conference on Mathematical Modeling and Computational Science* (ISBN: 978-981-19-0181-2)
  - **Dynamics of Infected Prey–Predator System in Fuzzy Environment with Disease-Selective Predation** – *Proceedings of 2nd International Conference on Mathematical Modeling and Computational Science* (ISBN: 978-981-19-0181-2)
  - **The Emergence of Periodic and Chaotic Patterns in a Simple Predator-Prey System in Presence of Self-Diffusion** – *Advances in Computational Solutions Integrative Approaches and Applications* (ISBN: 978-93-5834-625-1)
  - **Numerical Solution of Hypersingular Integral Equations using Galerkin Method with Chebyshev Polynomials** – *Computational Techniques in Modern Engineering Research* (ISBN: 978-93-6233-525-8)
  - **Mathematical Modelling to Analyse the Energy Loss for Wind Flow at Coastal Area** – *Computational Techniques in Modern Engineering Research* (ISBN: 978-93-6233-525-8)
  - **Mathematical Modelling for Cyclone-Resistant Windmills** – *Computational Techniques in Modern Engineering Research* (ISBN: 978-93-6233-525-8)
  - **Internal Energy of Non-Viscous Sea Wave** – *Computational Techniques in Modern Engineering Research* (ISBN: 978-93-6233-525-8)
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**Subjects Taught:**

1. Engineering Calculus
2. Linear Algebra
3. Complex Analysis
4. Ordinary Differential Equations & Partial Differential Equations
5. Numerical Analysis
6. Partial Differential Equations
7. Probability & Statistics
8. Discrete Mathematics

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**Technical Skills:**

- ☐ **Programming Languages:** C.
- ☐ **Mathematical Software:** MATLAB
- ☐ **For Documentation:** Microsoft Office (Word, Power Point, Excel).

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**Personal Details:**

- Date of birth: September 03, 1993
- Sex: Male
- Nationality: Indian
- Permanent Address: Pingla, Paschim Medinipore, West Bengal.

**Declaration:**

I hereby declare that all the details furnished above are true to the best of my knowledge and belief.

*Subhendu Maji*  
(Subhendu Maji)

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