

Curriculum Vitae – Mitali Madhumita Sahani

Permanent Address

Mitali Madhumita Sahani
At/Po.: Khanditar
Dist.: Jajapur
State: Odisha
India

Present Address

Mitali Madhumita Sahani
Research Scholar
Department of Mathematics
Indian Institute of Technology Kharagpur
Kharagpur-721301, India

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CAREER OBJECTIVE:

To achieve a challenging role not only in the area of teaching, research and development but also to best utilize my technical skills for organizational growth.

EDUCATIONAL QUALIFICATIONS:

Degree	Institute/ Board	Branch/Specialization	Year	Class
M.Phil.	Berhampur University, Odisha	Mathematics	2005	Pass & Cleared
M.Sc.	Ravenshaw (Auto.) college, Cuttack, Odisha	Mathematics	2003	1 st
+3 Sc.	N. C. (Auto.) College, (Utkal University) , Odisha	Mathematics (Hons.)	2000	1 st
+2 Sc.	Shailabala Women's College (CHSE) , Odisha	Physics, Chemistry, Mathematics	1997	2 nd
HSC	Khanditar High School, Khanditar (BSE), Odisha	FLO, SLE, TLS, MTA, MTG, SCP, SCL, SSH, SSG	1995	1 st

ACADEMIC ACHIEVEMENTS AND AWARDS:

- Qualified in Graduate Aptitude Test in Engineering (GATE) – 2006.
- Awarded Junior Research Fellowship by IIT Kharagpur, from 16.01.2007 to 15.01.2009.
- Awarded Senior Research Fellowship by IIT Kharagpur, from 16.01.2009 to till date.
- Best poster presentation Award in Research Scholar Day 2010 in the Department of Mathematics, IIT Kharagpur.

PUBLICATIONS IN PEER REVIEWED JOURNALS:

- 1., Polynomially based multi-projection methods for Fredholm integral equations of the second kind, Applied Mathematics and Computation, 215 (2009), 147-155 with **Guangqing Long, Gnaneshwar Nelakanti**.
2. Discrete multi-projection methods for eigen-problems of compact integral operators, Applied Mathematics and Computation, 217 (2009), 3974-3984 with **Guangqing Long, Bijaya Laxmi Panigrahi, Gnaneshwar Nelakanti**.

Workshop/ Short Term Program Attended

1. Applications and Computation of Singular Value Decomposition, IIT Kharagpur, 29th February, 2008.
2. Workshop on Operator Theory, IMA Bhubaneswar, 7-12, December 2009.

WORK EXPERIENCE:

1. Taken B.Tech tutorials as part of teaching assignment in the Department of Mathematics, IIT Kharagpur.
2. Assisted as Teaching Assistant for three and a half years in the Department of Mathematics, IIT Kharagpur.

AREAS OF INTEREST:

- Complex Analysis
- ODE & PDE
- Numerical analysis
- Functional Analysis

RESEARCH INTERESTS:

- Applied Numerical Functional Analysis.
- Approximation Theory
- Integral Equation

STRENGTHS:

- Ability to adapt and learn quickly.
- Good communication and interpersonal skills.
- Confidence and commitment.

COMPUTER KNOWLEDGE

Software Tools : MATLAB, MAPLE, MATHEMATICA
Platforms : WINDOW, LINUX.
Programming : C

PERSONAL DETAILS:

Name : Mitali Madhumita Sahani.
Father's Name : Jogendra Sahani
Husband's Name : Dr. Srikumar Acharya.
Sex : Female
Date of Birth : 31st August 1980
Age : 30 Years
Status : Married
Languages Known : English, Hindi, and Oriya (Reading, Writing, Speaking)
Nationality : Indian
Permanent Address : C/o – Jogendra Sahani
At/Po.:Khaditar
Dist.: Jajpur, Odisha
Pin: 750009

DECLARATION:

I hereby certify that the above information provided by me is correct.

Date: 26th April 2011

Place: Kharagpur

(Mitali Madhumita Sahani)