



Ashis Kumar Pati

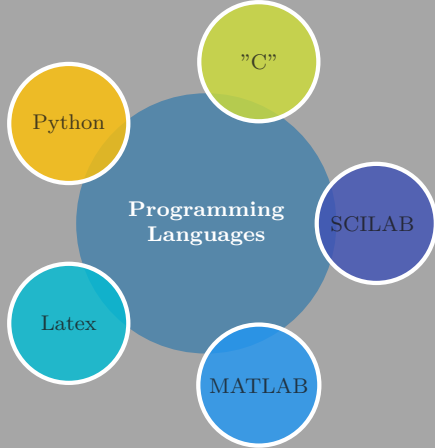
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Languages

- English
- Hindi
- Odia
- Bengali

Computer Skills

- DBMS Data structure and algorithms
- Theory of Computation
- Computer Networks
- Excel, Word, Powerpoint



About Me

To constantly learn new things and contribute to the Life Beings and Society. Spread the skill of Mathematics. I Hope, I can be a good Teacher.

Research Interest

My current research area is Calculus of Variations on Symmetric Forms, Exterior Algebra. Along with this Matrix Theory, Tensor Algebra, Graph theory seems interesting to me.

Education

Current	Doctor Of Philosophy In Mathematics IISER Kolkata Area:- Calculus of Variations with Symmetric Forms Guide:- Prof Saugata Bandyopadhyay	-
2012 – 2014	Master of Science in Mathematics Indian Institute of Science Education and Research, Kolkata	CGPA-7.89
2009 – 2012	B.Sc in Maths and Computing Institute of Mathematics and Applications	CGPA-7.1
2007–2009	CHSE Odisha(12th) Bhadrak Junior College	Percentage:-61
2007	BSE Odisha(10th) CRS High School	Percentage:-85

Teaching and Teaching Assistance Ship

Fall 2014, 2015, 2016, 2017, 2019	Mathematics I BS-MS 1st year students at IISER Kolkata	Tutor
Spring 2015, 2017	Mathematics II BS-MS 1st year students at IISER Kolkata	Tutor
Spring 2016, 2018	Real Analysis II BS-MS 2nd year students at IISER Kolkata	Tutor
Fall 2017	Real Analysis I BS-MS 2nd year students at IISER Kolkata	Tutor
Spring 2018	Fourier Analysis BS-MS 4th year students at IISER Kolkata	Tutor
2015-2019	EK-Pehal 11 th -12 th Class Maths	Teacher

Training Camps and Workshops

Summer 2010	ATM School on Graph Theory	IMA BBSR
Summer 2012	NPDETCA UG Level Programme	IMA BBSR
Summer 2013	NPDETCA PG Level Workshop	IIT Madras
Summer 2013	History and Aspects of Mathematics	IMSC
Winter 2014	Annual Foundation School-1	NISER BBSR
Summer 2015	ATM school on Differential Geometry	NEHU Shilong
Summer 2015	NPDE TCA Advanced Level	BITS Goa
Summer 2018	ATM School on Homotopy Theory	ISI Kolkata
Winter 2018	AIS School on Functional Analysis, Measure Theory	IMA BBSR

Project

August 2013-May 2014	Master's Thesis Topic:Holder Functions and Its Properties Supervisor: Dr. Saugata Bandyopadhyay Abstract :The Holder continuous functions.	IISER Kolkata
Summer 2013	Visiting Summer Student Existence theorems in Differential Equations.	TIFR-CAM Bangalore

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Soft Skills

- ☺ Core Organiser of Inquivesta 2018, India's largest Science festival.
- 👤 Founder Member of "Ek-Pehal" An Initiative for free Education.

Hobbies

- 📷 Travelling, Cooking, Gymming, Photography.
- 📖 History, Constitution, Economy.

Awards

June 2014	CSIR NET	75/215
Dec 2014	CSIR NET	77/220
2012-2015	IISER K Int. Ph.D. Fellowship	
2015	Gate Fellowship	

Relevant Courses

B.Sc.	Real Analysis, Linear Algebra, Group theory, Statistics, Discrete Mathematics, Optimization, Geometry of Curves, Complex Analysis, Numerical Analysis, Probability, Statistics, Classical Mechanics, Quantum Mechanics
MS	Multivariable calculus, Topology, Measure Theory, Distribution Theory, Number Theory, Algebraic Topology, Graph Theory, Commutative Algebra, Algebraic Geometry, Ordinary Differential Equation, Partial Differential Equation Differential Geometry, Fourier Analysis

Seminars Presented

Maths Symposium 2020	Rank-one convexity does not imply quasiconvexity
Fall 2012	Lagrange Multiplier Theorem. Supervisor: Dr. Saugata Bandyopadhyay
Fall 2012	Jordan Canonical Forms. Supervisor: Dr Subrat Shyam Roy
Spring 2013	Lindemann weierstrass Theorem. Supervisor: Dr. Saugata Bandyopadhyay
Spring 2013	Compact set as continuous Image of cantor set. Supervisor: : Dr. Veerendra Vikram Awasthi
Fall 2013	Extension of Sobolev Functions. Supervisor: Dr. Saugata Bandyopadhyay
Fall 2013	Extension of Sobolev Functions. Supervisor: Dr. Saugata Bandyopadhyay