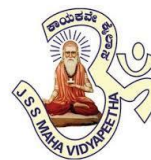





JSS Mahavidyapeetha
JSS Academy of Technical Education, Noida
Department of Mathematics



FACULTY PROFILE

1. Personal Details

NAME	Dr. SHALINI SINGH	
DEPARTMENT	MATHEMATICS	
DESIGNATION	ASSISTANT PROFESSOR	
PHONE	8130487978	
EMAIL ID	shalinisingh@jssaten.ac.in	
Date of Joining (JSSATEN)	20-08-2008	

2. Experience

Total Experience in Years: 16	Teaching: 16	Industry: - Nil	Research: - 4
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.Sc.	PCM	2002	Sri Agrasen Kanya Autonomous PG College, Varanasi	VBS Purvanchal University, Jaunpur (UP)
M.Sc.	Mathematics	2004	Udai Pratap Autonomous PG College, Varanasi	VBS Purvanchal University, Jaunpur (UP)
Ph.D.	Mathematics (Differential Geometry)	2010	Department of Mathematics, Faculty of Science	Banaras Hindu University, Varanasi (UP)
Post Doc.	-	-	-	-

4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 01	National: 00
Papers Published in SCOPUS indexed Journals	International: 01	National: 00
Papers Published in other Journals	International: 09	National: 07
Papers Presented in Conferences / Symposium	International: 02	National: 00
Books / Book chapters Published	-	

5. Research Guidance: Nil

PhD Guide? Give field & University	-	-
PhDs / Projects Guided	-	-

6. Grants

i. Funds Received (Projects): Nil

Project Name	Grant Amount	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
-	-	-	-	-

ii. Patents: 02

Sl. No.	Title Details	Details of award of patent / Filed
1	Title: A novel method for developing fuzzy code word length noiseless coding theorem	The Patent Office Journal No. 35/2023 Application No. 202311052783 A Publication Date: 01-09-2023
2.	Title: Dual toner cartridge printer	The Patent Office Journal No. 202501 Application No. 407678-001

		Publication Date: 31.05.2024
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iii. Consultancy: Nil

Title of the work	Amount in Rs.	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
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7. Awards Received

“UGC Fellowship”	Awarded UGC Fellowship during Ph.D
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8. Publications

i. International Journals

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
1	“An accelerating cosmological model from a parametrization of hubble parameter”	S.K.J. Pacif, Md Salahuddin Khan, L K Paikroy and Shalini Singh	Modern Physics Letters A,	Vol 33, Issue 1, 2020	Both	1.39	World Scientific
2	“Semi-symmetric non-metric S-connection on a generalized contact metric structure manifold”	Shalini Singh	International Journal of Advanced Research	Vol. 5, Issue 6, 2017	-	-	-
3	“A semi-symmetric metric connection on an integrated	Shalini Singh	International Journal of Advances in		-	-	-

	contact metric structure manifold”		Scientific Research	Vol. 2, Issue 12, 2016			
4	“Semi-symmetric non-metric S-connection equipped with an Unified contact Riemannian manifold”	Shalini Singh	International journal of mathematical archive	Vol. 6, Issue 3, 2015	-	-	-
5	“Some properties of curvature tensor on an almost unified para norden contact metric structure manifold”	Shalini Singh	International journal of advanced scientific and technical research	Vol. 1, Issue 5, 2015	-	-	RS Publication
6	“On semi-symmetric metric S-connection on an unified para-norden contact metric structure manifold”	Shalini Singh	International journal of Mathematical archive	Vol. 11, Issue 5(7), 2014	-	-	-
7	“Semi-symmetric non-metric S-connection on an integrated contact metric structure”	Shalini Singh	International journal of advanced scientific and technical research	Vol. 4, Issue 4, 2014	-	-	RS Publication
8	“Invariant submanifold of co-						

	dimension 2 of a C^∞ manifold equipped with an integrated contact metric structure”	Shalini Singh	International journal of Scientific & Engineering research	Vol. 4, Issue 3, 2013	-	-	-
9	“Curvature tensor equipped with an integrated contact metric structure”	Shalini Singh	International journal of Mathematical archive	Vol. 3, Issue 12, 2012	-	-	-
10	“A semi-symmetric non-metric connection on an Unified structure manifold”	Shalini Singh and S. D. Singh	Adv. Theor. Appl. Mech., Hikari Ltd	Vol. 3, Issue 5, 2010	-	-	Hikari Ltd

ii. National Journals

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
1	“Some curvature properties on a generalized contact metric structure manifold”	Shalini Singh	SRMS Journal of Mathematical Sciences	Vol. 7, 2021	-	-	
2	“Tensor of the type (0,4) in a manifold equipped with an almost para norden contact metric manifold”	Shalini Singh and S D Singh	Journal of Mathematics and Informatics	Vol. 9, 2017	-	-	House of Scientific Research (HSR)

3	“Unified contact Riemannian manifold admitting semi-symmetric metric S-connection”	Shalini Singh	IOSR Journal of Mathematics	Vol. 11, Issue 1, 2015	-	-	International Organization Of Scientific Research (IOSR)
4	“On Mn**.-manifold”	Shalini Singh	IOSR journal of mathematics	Vol. 10, Issue 5, 2014	-	-	International Organization Of Scientific Research (IOSR)
5	“Tensor of the type (0,4) in a manifold equipped with an integrated contact metric structure manifold”	Shalini Singh	Jor. Ultra Sciet. Phy. Science	Vol. 21, Issue 3, 2009	-	-	Ansari Education and Research Society
6	“Holomorphic sectional curvature on an integrated contact metric structure manifold”	Shalini Singh	Jor. Ultra Sciet. Phy. Science	Vol. 21, Issue 3, 2009	-	-	Ansari Education and Research Society
7	“Certain affine connexions on an integrated contact metric structure manifold”	Shalini Singh	Adv. Theor. Appl. Math	Vol. 4, Issue 1-2, 2009	-	-	Research India Publication

iii. Conferences

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Conference	Volume No. Issue No. Year	WOS / Scopus	Impact Factor	Publisher
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iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	Two week Refresher Course in Energy Materials and Technology	NITTTR, Chandigarh	30 th April to 13 th May 2024
2	Two week Refresher course on Nanoscience and instrumentation through ICT	NITTTR, Chandigarh	11-09-2023 to 22-09-2023
3	One week FDP on Curriculum design and evaluation through ICT	NITTTR, Chandigarh	24-04-2023 to 28-04-2023
4	One week online FDP on Research Methodology and Introduction to Modelling Techniques	Delhi Technological University, Delhi.	18-07-2022 to 23-07-2022
5	One week short term course on Cyber crime and forensic tools through ICT	NITTTR, Chandigarh at JSSATE, Noida	23-05-2022 to 27-05-2022
6	Presented a paper in International conference on contemporary Research on Mathematics and Computer Science (ICCRMCS-2022)	Shri Ram Murti Smarak College of Engineering and Technology, Bareilly (UP)	29-04-2022 to 30-04-2022
7	Moral values, Attitude and Workplace Behavior	AICTE Training and Learning (ATAL) at GL Bajaj Institute of Technology and Management, Greater Noida	27-07-2021 to 31-07-2021
8	FDP on Leadership & Excellence	AICTE Training and Learning (ATAL) at Indian Institute of Plantation Management, Bengaluru	09-11-2020 to 13-11-2020
9	Six Day online FDP on Applications of Mathematics in Engineering and Sciences	Department of Humanities and Sciences, Sri Venkateswara Institute of Science	20-08-2020 to 25-08-2020

		& Technology, Kadapa	
10	Five days E-Workshop on Stochastic Modelling, Optimization and Soft Computing	Department of Mathematics & Statistics, School of Basic Sciences, Manipal University, Jaipur	10-07-202 to 14-07- 2020
11	One week National Level Online Short Time Training Program on MATLAB for ALL	Department of Electrical and Electronics Engineering, Sir M Visvesvaraya Institute of Technology, Bangalore	04-06-2020 to 08-06- 2020
12	3rd International conference on Modern Mathematical Methods and High Performance computing in Science & Technology	IPEC, Ghaziabad	09-01-2020 to 11-01- 2020
13	FDP on Universal Human Value and Professional Ethics	Value Education Cell, Dr APJ Abdul Kalam Technical University, Lucknow at Galgotias college of Engineering and Technology, Gautam Buddha Nagar	29-06-2019 to 06-07- 2019
14	Presented a paper in National conference on Recent trends in mathematics with application	Faculty of Mathematics and statistical sciences, SRM University, Lucknow	21-02-2019 to 22-02- 2019
15	Presented a paper in 3 rd International conference on Recent Advances in Mathematical Sciences and its Application	Department of Mathematics, IIIT, Noida	17-01-2019 to 19-01- 2019
16	One week FDP on Effective and Innovative ways of teaching and learning strategies	JSSATE, Noida	11-06-2018 to 15-06- 2018
17	One week FDP on Cryptography and Algebraic coding theory	IPEC, Ghaziabad	14-03-2017 to 18-03- 2017

18	One week short term course on Effective implementation of curriculum through ICT	NITTTR, Chandigarh at JSSATE, Noida	07-03-2016 to 11-03-2016
19	One week short term course on MATLAB and its hardware interface through ICT	NITTTR, Chandigarh at JSSATE, Noida	11-01-2016 to 15-01-2016
20	Conference on General Relativity Centennial	Centre for Theoretical Physics, Jamia Millia Islamia, New Delhi	10-12-2015 to 12-12-2015
21	Two week ISTE STTP on Environmental studies	IIT Bombay at MGM college, Noida	02-06-2015 to 12-06-2015
22	4th 3-Week Refresher course in Basic sciences (Interdisciplinary)	Jamia Millia Islamia, New Delhi	12-05-2013 to 02-06-2013
23	Twenty fourth annual conferences of the Mathematical Society	Banaras Hindu University, Varanasi	30-12-2008 to 31-12-2008

v. Workshops / Conference (Organized)

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role
1	International Webinar on Introduction to MATLAB	JSSATE, Noida	17-09-2021	Member
2	National Webinar on The Universe and Mathematical Modelling	JSSATE, Noida	11-06-2020	Organizing Secretary
3	AICTE recognized Short Term course on Operations Research through ICT	Applied Science Department in JSSATE, Noida, NITTTR	28-03-2016 to 01-04-2016	Member

vi. Conference Attended (those sponsored by AICTE / ISTE /IETE /TEQIP or any other sponsoring body)

Sl. No.	Name of the workshop / Conference	Organizer	Date
-	-	-	-

9. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organized by	Date of completion / Award	Grade / Marks
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1	Transform calculus and its application in Differential equation	NPTEL	April 2020	95%
2	Multivariable calculus	NPTEL	March 2018	60%

10. Membership of Professional Bodies:

Member of IAENG (International Association of Engineers)
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11. Any other information you will like to share about your professional experience