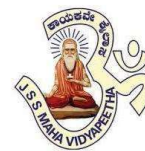





JSS Mahavidyapeetha
JSS Academy of Technical Education, Noida
Department of Mathematics



FACULTY PROFILE

1. Personal Details

NAME	Dr. ANANYA DWIVEDI	
DEPARTMENT	MATHEMATICS	
DESIGNATION	ASSISTANT PROFESSOR	
PHONE	9560752940	
EMAIL ID	ananya.dwivedi@jssaten.ac.in	
Date of Joining (JSSATEN)	02-09-2024	

2. Experience

Total Experience in Years: 01	Teaching: 01	Industry: - Nil	Research: - Nil
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.Sc.	PCM	2013	St. Andrew's College, Gorakhpur (UP)	DDU Gorakhpur University Gorakhpur (UP)
M.Sc.	Mathematics	2015	DDU Gorakhpur University Gorakhpur (UP)	DDU Gorakhpur University Gorakhpur (UP)
Ph.D.	Mathematics (Mathematical Biology)	2023	Madan Mohan Malaviya University of Technology Gorakhpur (UP)	Madan Mohan Malaviya University of Technology Gorakhpur (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: 03	National: 00
Books / Book chapters Published	International: 02	National: 00
Papers Presented in Conferences / Symposium	International: 08	National: 01
Papers Published in other Journal	International: 01	National: 00

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: 01

Sl. No.	Title Details	Details of award of patent / Filed
1	-	-
2.	-	-

iii. Consultancy: Nil

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

7. Awards Received

Best Presentation Award	NIT Silchar Assam
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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	“Modelling optimal vaccination strategy for dengue epidemic model: A case study of India”	Ananya Dwivedi, R. Keval and S. Khajanchi	Physica Scripta	Vol 97 (2022) 085214	WOS	3.9	IOP Publishing
2	“Mathematical modelling for co-infection dynamics of Japanese encephalitis- Dengue and influence of JE Vaccine on Dengue disease”	Ananya Dwivedi, R. Keval and V. Baniya	Proyecciones Journal of Mathematics	Vol. 43(1) (2024) 1-39	Scopus		-
3	“A Mathematical Study of Dynamical Model for Japanese encephalitis- Dengue Co-infection using JE Vaccine”	Ananya. Dwivedi, R. Keval and V. Baniya	Int. J. of Mathematical Modelling and Numerical Optimisation	Vol. 12(4) (2022) 416-422	Scopus		Inderscience Online
4	“Application of Optimal Controls on Dengue Dynamics - A Mathematical Study”	Ananya Dwivedi, V. Baniya and R. Keval	Mathematical Modelling and Computational Intelligence Techniques. Springer Proceedings in Mathematics & Statistics	Vol. 376 (2022)	Book Chapter		Springer

5	“Analysis of a Dengue model with Climate Factors”	Ananya Dwivedi, R. Keval	Mathematical Analysis and Computing. ICMAC 2019. Springer Proceedings in Mathematics & Statistics	Vol. 344	Book Chapter		Springer
6	“Analysis for transmission of dengue disease with different class of human population”	Ananya Dwivedi, R. Keval	Epidemiologic Methods	Vol. 10 (2021), pp. 20200046.	Scopus		De Gruyter
7	“Stability analysis of the Japanese encephalitis disease model using the vaccine impact in human as a control parameter”	Nidhi Chaurasiya, Ananya Dwivedi and R. Keval	Mathematical Sciences International Research Journal	Vol. 10, Issue 1, (2021)	Conference Proceeding	-	-

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
	-	-	-	-	-	-	-

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
-	-	-	-	-	-	-	-

9. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	27th International Conference of International Academy of Physical Sciences (CONIAPS XXVII) on Mathematical Modelling in Biological Sciences (M2BS-2021)	NIT Silchar, Assam	26-28, October, 2021
2	4th International conference on Frontier in Industrial and Applied Mathematics (FIAM-2021)	Department of Mathematics, SLIET Longowal, Punjab	21-22, December, 2021
3	International Conference on Mathematical Modelling and Computational Intelligence Techniques (ICMMCIT-2021)	The Gandhigram Rural Institute (Deemed to be University), Gandhigram	10-12, February, 2021
4	International Conference on Advances in Mathematics & Computer Science	IMRF Institute of Higher Education, Vijayawada	16-17, April, 2021
5	Mathematical Tools and Recent Advances in Mathematics	Department of Mathematics and Scientific Computing, MMMUT, Gorakhpur	21-25, September, 2020
6	International Workshop on Sampling and Approximation Theory	Department of Mathematics, SSN College of Engineering, Chennai	10-11, December, 2020
7	Mathematical Modelling on the Covid-19 Pandemic	Bharata Ganita Parisad and Department of Mathematics and Astronomy, University of Lucknow	12-13, December, 2020
8	Workshop on Publishing with Scholarly Journals	Department of Mechanical Engineering MMMUT, Gorakhpur	06 - 07, March, 2020
9	International Conference on Mathematical Analysis and Computing	Department of Mathematics, SSN College of Engineering Chennai	23 -24, December, 2019
10	International Conference on Computational Mathematics and its Applications	IIT Indore	12-14, November, 2019

11	National Conference on Recent Trends in Differential Equation: Theory, Modelling and Computation	IIT Patna	29 -30, March 2019
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10. Membership of Professional Bodies:

<ul style="list-style-type: none"> • Life member of “The Indian Science Congress Association (ISCA)”, Kolkata, West Bengal, India, since July 15, 2022 (Membership ID: L40888). • Life member of “Indian Mathematical Society (IMS)”, Pune, Maharashtra, India, since February 25, 2019 (Membership ID: L/2019/23).

11. Any other information you will like to share about your professional experience:-

- Centre Observer for odd semester examination of the session 2023-24 at IET Lucknow affiliated to Dr. A. P.J. Abdul kalam Technical University.