

## **FACULTY PROFILE**

1. Name : Dr.Adarsh Mangal



2. Designation : Lecturer

3. Qualification : M.Sc.,M.Phil., Ph.D

4. Area of Specialization : Mathematical Programming  
(Operation Research)

5. Awards/Recognitions :

6. Number of projects:

i) Completed

Sl. No.	Title of the project	Funding Agency	Amount	Year (From-To)
-	-	-	-	-
-	-	-	-	-

ii) On-going

Sl. No.	Title of the project	Funding Agency	Amount	Date of Commencement	Expected date of completion
-	-	-	-	-	-
-	-	-	-	-	-

7. Professional Experience:

Sl. No.	Designation	Organisation/Institute	Type Industry/ Teaching	Year (From-To)
1.	Lecturer	Sukriti Computer Education College, BEAWAR.	Teaching	2002 to 2004
2.	Lecturer	Jodhpur Institute of Engineering and Technology, JODHPUR	Teaching	2004 to 2005

3.	Lecturer (Visiting)	Government Engineering College,AJMER	Teaching	2005 to 2007
4.	Lecturer	Government Engineering College,AJMER	Teaching	2007 to till date

8. Number of Ph.D candidates successfully completed: Nil

9. Number of Ph.D candidates currently working: Nil

10. Number of M.Phil candidates successfully completed: Nil

11. Number of M.Phil candidates currently working: Nil

**12. Publications:**

**i) Books**

Sl. No.	Author/s	Title	Publisher	Year of publication	Page No.
1	Dr.Adarsh Mangal, Anil Maheshwari	A Textbook of Engineering Mathematics –I	Dhanpat Rai & Co.(P) Ltd., New Delhi	2008	-
2	Dr.Adarsh Mangal, Anil Maheshwari ,Dr.Lalit Rankawat & Nitin Arya	A Textbook of Engineering Mathematics -II	Dhanpat Rai & Co.(P) Ltd., New Delhi	2009	
3	Dr.Adarsh Mangal, Anil Maheshwari	A Textbook of Engineering Mathematics - III	Dhanpat Rai & Co.(P) Ltd., New Delhi	2009	
4	Dr.Adarsh Mangal, Anil Maheshwari ,Dr.Lalit Rankawat & Nitin Arya	A Textbook of Engineering Mathematics - IV	Dhanpat Rai & Co.(P) Ltd., New Delhi	2009	

## ii) Articles in Journals

<b>Sl. No.</b>	<b>Title of Article</b>	<b>Journal</b>	<b>Year/Month</b>
1.	Useful Model in Fractional Programming	<b>Applied Science Periodical</b>	<b>2003</b>
2.	Algorithm for Fractional Programming with Homogeneous Constraints	<b>Ganita Sandesh</b>	<b>2003</b>
3.	Solution of A Generalized Fractional Programming Problem	<b>Journal of Indian Academy of Mathematics</b>	<b>2004</b>
4.	Programming with Fractional Type Objective Functions	<b>Applied Science Periodical</b>	<b>2004</b>
5.	Modified Fourier Elimination Technique for Fractional Programming Problem	<b>Acharya Nagarjuna International Journal of Mathematics and Information Technology</b>	<b>2004</b>
6.	On the Posynomial Linear Plus Linear Fractional Programming Problem	<b>The Mathematics Student</b>	<b>2005</b>
7.	Linear Plus Linear Fractional Programming Problem with Non-Differentiable Function	<b>Journal of Combinatorics, Information and System Sciences</b>	<b>2005</b>
8.	Solution of A Multiobjective Fractional Programming Problem	<b>Journal of Indian Academy of Mathematics</b>	<b>2006</b>
9.	Alternative Approach to Solve Linear Plus Linear Fractional Programming Problem	<b>International Journal of Mathematical Sciences and Engineering Applications</b>	<b>2008</b>
10.	Gauss Elimination Technique for Fractional Programming problem	<b>Journal of Indian Society of Statistics and Operations research</b>	<b>2008</b>
11.	A Communication Network with Erlangian Service Time and Random Phases of Service	<b>International Journal of Mathematical Sciences and Engineering Applications</b>	<b>2008</b>
12.	Solution of A Multiobjective Linear Plus Linear Fractional Programming Problem Containing Non-Differentiable Term	<b>International Journal of Mathematical Sciences and Engineering Applications</b>	<b>2008</b>
13.	Applications for Statistical Tools in Behavioral Sciences: A Comparative Study	<b>Business Research</b>	<b>2009</b>

**iii) Papers in Conference/Seminar/Proceedings**

Sl. No.	Title of the paper	Title of conference/seminar volume	Year of publication	Publisher
1.	Network Design using Optimization Process	National Conference on Engineering Applications of Mathematics (Proceedings)	2007	Maharashtra Academy of Engineering, Pune

**iv) Paper as a part of book:**

Sl. No.	Title of the paper	Title of the book	Publisher	Year of publication	Page No.
-	-	-	-	-	-

**v) Monographs/Reports (if any)** -----

**13. Conference/Seminar organized:**

Sl. No.	Status as organizer	Title of the conference/seminar	Date
1.	Committee Member (Boarding & Lodging)	National Conference on "Recent Advancement in Engineering and echnology" at Government Engineering College, Ajmer	26 April , 2008

**14. Conference/Seminar chaired:**

Sl. No.	Title of the seminar	Organized by	Date
-	-	-	-

**15. Conference/Seminar participated:**

Sl. No.	Title	Organized by	Year /Month	Participated
1.	International Conference of Operational Research Society of India	Indian Institute of Science, Bangalore	2005 /December	Paper Presented
2.	International Conference of Operational Research Society of India	Heritage Institute of Technology, Kolkata	2007 /January	Participated

3.	<b>International</b> Conference of Operational Research Society of India	<b>Indian National Science Academy, New Delhi</b>	<b>2007 /December</b>	<b>Participated</b>	
4.	<b>International</b> Conference of Operational Research Society of India	<b>Sri Venkateswara University, Tirupati</b>	<b>2008 /December</b>	<b>Participated</b>	
5.	Conference of Rajasthan Ganita Parishad	<b>Government College, Kota</b>	<b>2009 /January</b>	<b>Participated</b>	
6.	Conference on Recent Advancement in Engineering and Technology	<b>Government Engineering College, Ajmer</b>	<b>2008 /April</b>	<b>Participated</b>	
7.	Conference of Rajasthan Ganita Parishad	<b>M.S.J. Government College, Bharatpur</b>	<b>2007 /January</b>	<b>Participated</b>	
8.	Conference of Rajasthan Ganita Parishad	<b>Government Meera Girls College, Udaipur</b>	<b>2006 /February</b>	<b>Participated</b>	
9.	Conference of Rajasthan Ganita Parishad	<b>Government College, Ajmer</b>	<b>2005 /February</b>	<b>Paper presented</b>	
10.	National Conference of Indian Mathematical Society	<b>Jai Narain Vyas University, Jodhpur</b>	<b>2004 /December</b>	<b>Participated</b>	
11.	National Conference on "Information Technology, Operations Research and Computing"	<b>DDIVE, Dr.B.R. Ambedkar University, Agra</b>	<b>2004 /April</b>	<b>Participated</b>	
12.	Conference of Rajasthan Ganita Parishad	<b>Arya College of Engineering and Technology, Jaipur</b>	<b>2004 /February</b>	<b>Paper presented</b>	
13.	Conference of Rajasthan Ganita Parishad	<b>S.M.P.B.J. Government College, Sheoganj</b>	<b>2003 /January</b>	<b>Paper presented</b>	
14.	Conference of Rajasthan Ganita Parishad	<b>M.L.S. University, Udaipur</b>	<b>2001 /December</b>	<b>Paper presented</b>	
15.	Conference of Rajasthan Ganita Parishad	<b>Jaipur Engineering</b>	<b>2008 /January</b>	<b>Participated in Symposium</b>	

		College,Jaipur			
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**16. Chairman/Member of Authority/Committee etc:**

Sl. No.	Chairman/Member/Secretary	Committee/Authority	Year (From-To)
-	-	-	-

**17. Membership to professional Organization/Associations:**

Sl. No.	Name of the Association/Organizations	Life member/Ordinary member
1	Operational Research Society of India (An International Federation)	Life Member
2	Rajasthan Ganita Parishad	Life Member

**18. Any other Information:**