



Faculty Profile

1. Name: **DR ANIL GOKHROO**
2. Designation: *Associate Professor of Mathematics*
3. Department: **MATHEMATICS**
4. Educational Qualification:

Level	Name of University/Board	Year	Title/ Remark/ Medal
M.Sc.	M.D.S. University, AJMER	1995	
M.Phil.	M.D.S. University, AJMER	1996	An Analytical Study of Static Charged Fluids in General Relativity
Ph.D.	M.D.S. University, AJMER	2000	A Study of Electromagnetic Solutions in General Relativity
S L E T		1996	

5. Experience: Teaching / Research

UG	23 Years	PG	18 Years	Research	03 Years
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6. Membership (Academic Bodies/ Research Societies):

1. Life Membership of Rajasthan Ganita Parishad (R G P), AJMER. (1997)
2. Life Membership of Indian Mathematical Society (I M S), NEW DELHI. (2003)
3. Life Membership of Indian Association for General Relativity and Gravitation(I A G R G), PUNE. (2004)

7. M.O.O.C (Developed by Faculty): -----

8. Awards Received: -----

9. Academic Courses Attended:

Course	Place	Sponsoring Agency	Duration
Orientation Course	JODHPUR	UGC	02 nd -28 th September, 2002.
Refresher	JODHPUR	UGC	05 th -24 th September, 2005.

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	JAIPUR	UGC	14 th November, 2005 to 03 rd December, 2005.
Others (Workshop/ Summer School/ Camp etc.)	Place	Sponsoring Agency	Duration
<i>“ Development of Academic guidelines for NFE Programme at Upper Primary Level ”</i> Of Ajmer Adult Education, AJMER, held at Regional Institute of Education.	AJMER	NCERT, NEW DELHI	23 rd - 27 th March, 1998.
<i>“ Script Writing for Scientific Films ”</i> Of University Grant Commission, NEW DELHI, held at Dayanand College	AJMER	UGC, NEW DELHI	28 th - 30 th July, 2000.
<i>“ Computerised Question Papers for Public and University Examination ”</i> Of University Grant Commission, NEW DELHI, held at Dayanand College	AJMER	UGC, NEW DELHI	01 st - 03 rd December, 2000.
<i>“ IT Localisation Clinic ”</i> Of Apaji Institute of Mathematics and Applied Computer Technology, Banasthali Vidyapith, BANASTHALI (TONK) held at Computer centre , Mohan Lal Sukhadia University	UDAIPUR	Coil – Net Project, MCIT, Govt. of India, NEW DELHI	11 th - 13 th November, 2002.
<i>“ Achieving Excellence Through E-Governance in Higher Education ”</i> Held at Samrat Prithviraj Chauhan Government College	AJMER	Centre of Excellence (Model College)	16 th February, 2015.
<i>“ Analysis, Differential Equations and Applications ”</i> held at Mohan Lal Sukhadia University	UDAIPUR		25 th – 27 th February, 2016.
<i>“ Lecture – Demonstration ”</i> Held at Samrat Prithviraj Chauhan Government College	AJMER	Spoken Tutorial Project, IIT, BOMBAY	03 rd June, 2017.
<i>“ Intellectual Property Rights ”</i> Held at Samrat Prithviraj Chauhan Government College	AJMER	DST, Govt. of Rajasthan	17 th March, 2018.

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Online F.D.P (Faculty Development Programme)	----	----	----
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10. Seminar / Conference :

Name of Symposium / Seminar / Conference	International / National / Regional	Organized by	Title of Paper Presented	Year
SEMINAR :				
National Seminar Cum Workshop on <i>“ Accreditation of Higher Education Institutions ”</i> Of National Assessment and Accreditation Council (NAAC), BANGLORE	National	Academic Staff College, University of Rajasthan & Directorate of College Education, JAIPUR	----	2002
National Seminar on <i>“ Advances in Complex Analysis and Special Functions ”</i>	National	Department of Mathematics, Central University of Rajasthan, KISHANGARH (AJMER)	----	2011
National Seminar on <i>“ Technical Terminology in Science ”</i>	National	Government College, AJMER	----	2014
National Seminar on <i>“ Safeguarding Human Rights in India ”</i>	National	Shri Govind Singh Gurjar Government College, NASIRABAD (AJMER)	----	2017
National Seminar on <i>“ Empowering Human Rights Through Cashless Economy in India ”</i>	National	Shri Ratanlal Kanwarlal Patni Government P.G. College, KISHANGARH (AJMER)	----	2017
CONFERENCE :				
9 th Annual Conference of <i>Rajasthan Ganita Parishad</i> And Symposium on	National	Banasthali Vidyapith, BANASTHALI (TONK)	----	1997

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<i>“ Demands From a Mathematician in Present Day Technology and Society”</i>				
10 th Annual Conference of <i>Rajasthan Ganita Parishad</i>	National	<i>Department of Mathematics,</i> University of Rajasthan, JAIPUR	----	1998
11 th Annual Conference of <i>Rajasthan Ganita Parishad</i>	National	S. G. N. Khalsa College, SRI GANGANAGAR	----	1999
12 th Annual Conference of <i>Rajasthan Ganita Parishad</i> And Seminar on <i>“ To Promote Research in Mathematics”</i>	National	<i>Department of Mathematics,</i> M. L. V. Government College, BHILWARA	----	2000
13 th Annual Conference of <i>Rajasthan Ganita Parishad</i> And Symposium on <i>“ Present State of Mathematics in Rajasthan and Ways for its Improvement”</i>	National	<i>Department of Mathematics & Statistics,</i> Mohanolal Sukhadia University, UDAIPUR	----	2001
14 th Annual Conference of <i>Rajasthan Ganita Parishad</i>	National	S. M. P. B. J. Government College, SHEOGANJ (SIROHI)	<i>“ Bianchi Type – I Magnetized Cosmological Models in General Relativity ”</i>	2003
23 th Conference of the I A G R G And Symposium on <i>“ Recent Trends in General Relativity, Cosmology and Astrophysics ”</i>	International	<i>Department of Mathematics,</i> University of Rajasthan, JAIPUR	----	2004
16 th Annual Conference of <i>Rajasthan Ganita Parishad</i>	National	<i>Department of Mathematics,</i> Government College, AJMER		2005
17 th Annual Conference of	National	<i>Department of Mathematics,</i>		2006

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<i>Rajasthan Ganita Parishad</i> And Symposium on “ <i>Mathematical Modelling</i> ”		Government Meera Girls College, UDAIPUR		
National Conference on “ <i>Mathematical Modelling : Applications</i> ” 18 th Annual Conference of <i>Rajasthan Ganita Parishad</i>	National	<i>Department of Mathematics,</i> M. S. J. Government College, BHARATPUR		2007
20 th Annual Conference of <i>Rajasthan Ganita Parishad</i> On “ <i>Emerging Fields in Mathematics and Their Interdisciplinary Uses</i> ”	National	<i>Department of Mathematics,</i> Government College, KOTA		2009
21 st National Conference of <i>Rajasthan Ganita Parishad</i> On “ <i>Recent Trends in Mathematics & Actuarial Sciences</i> ”	National	Malaviya National Institute of Technology, JAIPUR		2010
76 th Annual Conference of <i>The Indian Mathematical Society</i>	National	<i>Department of Applied Mathematics & Humanities,</i> Sardar Valabhbhai National Institute of Technology, SURAT		2010
National Conference on “ <i>Applications of Mathematics in Engineering & Natural Sciences</i> ” 22 nd Annual Conference of <i>Rajasthan Ganita Parishad</i>	National	<i>Department of Mathematics</i> Government Engineering College, JHALAWAR		2011
National Conference on “ <i>Recent Trends in Mathematics</i> ” and Silver Jubilee Function of <i>Rajasthan Ganita Parishad</i>	National	<i>Department of Mathematics</i> M. S. J. Government College, BHARATPUR		2012
24 th National Conference of	National	<i>Department of</i>		2013

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<i>Rajasthan Ganita Parishad</i> On “ <i>Modern Aspects & Challenges in Mathematics</i> ”		<i>Mathematics</i> M. A. J. Government College, DEEG (BHARATPUR)		
43 rd National Conference on “ <i>Urban Growth : Environmental Challenges and Reponsibilities with Special Reference of Rajasthan</i> ”	National	<i>Department of Geography</i> Samrat Prithviraj Chauhan Government College, AJMER		2015
27 th Annual Conference of <i>Rajasthan Ganita Parishad</i> And National Conference On “ <i>Applied Mathematics in Engineering and technology</i> ”	National	<i>Department of Mathematics</i> Sobhasaria Group of Institutions SIKAR		2016
International Conference on “ <i>Recent Advances in Pure and Applied Mathematics</i> ” & 28 th Annual Conference of Rajasthan Ganita Parishad	International	Department of Mathematics & Statistics, Mohanalal Sukhadia University, UDAIPUR	-----	2017

11. Organizing Sec. / Convener of Conference / Seminar / Webinar :

Conference/Seminar Title	Year
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12. Resource Person:

In training Programme	-----
In conferences/Seminars (Chair / Co-Chair / of Session)	-----

13. Research Publications :

Title of Paper	Name of Journal with ISSN No.	Volume and No. with Year	Citation Index	Impact Factor	Google Index
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Charged Fluid Sphere in General Reativity.	<i>Ganita Sandesh</i> ISSN : 0970 - 9169	Vol. 13, No. 1, pp. 19 – 24 (1999)			
Bianchi Type I Anisotropic Magnetized Cosmological Model in General Relativity.	<i>Astrophysics and Space Science</i> ISSN : 004 - 640X	Vol. 278, No.3, pp. 283 – 293 (2001)	05	1.547 (2019)	
International Normalized Ratio	<i>Indian Journal of Cardiology</i> ISSN : 0972 - 1622	Vol. 4, pp. 47 – 53 (2001)			
A Long Queue Model with Reneging, Balking and Feedback Phenomenon	<i>Ganita Sandesh</i> ISSN : 0970 - 9169	Vol. 16, No. 2, pp. 119 – 122 (2002)			
Magnetized Cosmological Model Filled with Dust Distribution of Perfect Fluid in General Relativity	<i>Journal of Indian Acad. Mathematics</i> ISSN : 0970 - 5120	Vol. 25, No. 1 pp. 7 – 15 (2003)			
Spherically Symmetric Charged Model For Perfect Fluid Distribution in General Relativity	<i>Ganita Sandesh</i> ISSN : 0970 - 9169	Vol. 18, No. 1, pp. 25 – 28 (2004)			
LRS Magnetized Cosmological Models in General Relativity	<i>Journal of South East Asian Journal of mathematics and Mathematical Sciences</i> ISSN : 0972 - 7752	Vol. 4, No. 3, pp. 35 – 41 (2006)			

14. Research Projects:

Title of the Project	Year	Name of funding agency	Fund available/ utilized	Present status
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15. Research Supervision:

- Basic Field of specialization:
- ❖ Ph.D.

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Name of Student	Title of thesis	Present status	Date and Year of Award, if so
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❖ M. Phil.

Name of Student	Title of Dissertation	Present status	Date and Year of Award, if so
MR Om Prakash	A Study of Spherically Symmetric Charged Models in General Relativity.	Awarded	2006
Miss. Kulvinder Kaur	A Study of Electromagnetic Solutions in General Relativity.	Awarded	2008
Miss. Pooja Sharma	A Study of Bianchi Type I Anisotropic Magnetized Cosmological Models in General Relativity.	Awarded	2008
Miss. Pushpa Bagora	A Study of Bianchi Type III String Cosmological Models in Different Context in General Relativity.	Awarded	2008
Miss. Amanveer Kaur	A Study of Magnetized Cosmological Model Filled with Dust Distribution of Perfect Fluid in General Relativity.	Awarded	2008

16. Monograph / Book / Chapter (in Edited Book) / Chapters in Study Material of Open Universities

• Book (Single Author)

Title of Book	ISBN/ ISSN No.	Publisher with Place	Year of Publication
कम्प्यूटर के मूल तत्व 15 (A)	81-87541-24-5	Unique Books, AJMER	2002
सूचना तकनीकी के मूल तत्व 15 (B)	81-87541-32-6	Unique Books, AJMER	2002
प्रारम्भिक कम्प्यूटर अनुप्रयोग	81-85468-50-8	Navkar Prakashan, AJMER	2003
संख्यात्मक विश्लेषण CS 37	81-87541-33-4	Unique Books, AJMER	2003

• Chapter(s) in Book (Edited / Multi-Author)

Title of	Authors / Editors	Name of the Book with ISBN/ ISSN	Publisher with	Year of
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Chapter	No.	Place	Publication
DR D.C. Gokhroo & Anil Gokhroo	बीजगणित Class XI	Unique Books, AJMER	1998
DR D.C. Gokhroo & Anil Gokhroo	द्विविम निर्देशांक ज्यामिति Class XI	Unique Books, AJMER	1998
DR D.C. Gokhroo & Anil Gokhroo	बीजगणित Class XII	Anupam Prakashan, AJMER	1998
DR D.C. Gokhroo & Anil Gokhroo	निर्देशांक ज्यामिति Class XII	Anupam Prakashan, AJMER	1998
DR D.C. Gokhroo & Anil Gokhroo	अवकलन गणित Class XII	Anupam Prakashan, AJMER	1998
DR D.C. Gokhroo & Anil Gokhroo	समाकलन गणित Class XII	Anupam Prakashan, AJMER	1998
DR D.C. Gokhroo & DR Anil Gokhroo	अर्थशास्त्रीय गणित ISBN : 81-85468-46-X	Navkar Prakashan, AJMER	2001
Shri. B. P. Sharma & DR Anil Gokhroo et.al	<i>Mathematics</i> - II Class X	Rajasthan Board of Secondary Education, AJMER	2003
DR D.C. Gokhroo & DR Anil Gokhroo	व्यवसायिक गणित ISBN : 81-85468-49-4	Navkar Prakashan, AJMER	2003
Shri. B. P. Sharma & DR Anil Gokhroo et.al	गणित - II Class X	Rajasthan Board of Secondary Education, AJMER	2005
DR D.C. Gokhroo & DR Anil Gokhroo	कम्प्यूटर अनुप्रयोग हेतु गणित के मूल तत्व ISBN : 81-85468-22-2	Navkar Prakashan, AJMER	2009

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DR D.C. Gokhroo & DR Anil Gokhroo et.al	<i>Advanced Partial Differential Equations</i> ISBN : 81-85468-57-5	Navkar Prakashan, AJMER	2011
DR D.C. Gokhroo & DR Anil Gokhroo	<i>Speial Functions</i> ISBN : 81-85468-55-9	Navkar Prakashan, AJMER	2011
DR D.C. Gokhroo & DR Anil Gokhroo	<i>Advanced Numerical Methods</i> ISBN : 81-85468-53-2	Navkar Prakashan, AJMER	2011
DR Patni & DR Anil Gokhroo	प्रोग्रामिंग तथा "C" द्वारा समस्याओं का हल Code CS 201 ISBN : 81-87541-60-1	Unique Books, AJMER	2011
DR D.C. Gokhroo & DR Anil Gokhroo	<i>Computer Oriented numerical and Statistical Methods</i> ISBN : 81-87541-03-7	Unique Books, AJMER	2011
DR D.C. Gokhroo & DR Anil Gokhroo	<i>Advanced Integral Equations</i> ISBN : 81-85468-31-1	Navkar Prakashan, AJMER	2012
DR D.C. Gokhroo & DR Anil Gokhroo	<i>Advanced Mathematical Statistics</i> ISBN : 81-85468-58-3	Navkar Prakashan, AJMER	2012
DR Anil Gokhroo & ER Ranu Gokhroo	कम्प्यूटर तथा सूचना तकनीकी के मूल तत्व Code 105 ISBN : 81-87541-24-5	Unique Books, AJMER	2013
DR D.C. Gokhroo & DR Anil Gokhroo	<i>Transform Calculus</i> ISBN : 81-85468-34-6	Navkar Prakashan, AJMER	2013
DR D.C. Gokhroo & DR Anil Gokhroo	अनुप्रयुक्त गणित Code 104 ISBN : 81-87541-02-4	Unique Books, AJMER	2014
DR D.C. Gokhroo &	अनुप्रयुक्त यांत्रिकी	Unique Books, AJMER	2014

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	DR Anil Gokhroo et.al	Code 106 ISBN : 81-87541-03-2	AJMER	
	DR D.C. Gokhroo & DR Anil Gokhroo et.al	<i>Advanced Differential Equations</i> ISBN : 81-85468-38-9	Navkar Prakashan, AJMER	2015
	DR D.C. Gokhroo & DR Anil Gokhroo	<i>Hydrostatics</i> ISBN : 81-85468-59-1	Navkar Prakashan, AJMER	2015
	DR D.C. Gokhroo & DR Anil Gokhroo	<i>Differential Equations</i> ISBN : 81-85468-71-0	Navkar Prakashan, AJMER	2015
	DR D.C. Gokhroo & DR Anil Gokhroo	<i>Differential Calculus</i> ISBN : 81-85468-72-9	Navkar Prakashan, AJMER	2015
	DR D.C. Gokhroo & DR Anil Gokhroo	<i>Integral Calculus</i> ISBN : 81-85468-73-7	Navkar Prakashan, AJMER	2015
	DR D.C. Gokhroo & DR Anil Gokhroo	<i>Group Theory</i> ISBN : 81-85468-74-5	Navkar Prakashan, AJMER	2015
	DR D.C. Gokhroo & DR Anil Gokhroo	<i>Matrices</i> ISBN : 81-85468-76-1	Navkar Prakashan, AJMER	2016
	DR D.C. Gokhroo & DR Anil Gokhroo	<i>Advanced Discrete Mathematics</i> ISBN : 81-85468-75-3	Navkar Prakashan, AJMER	2016
	DR D.C. Gokhroo & DR Anil Gokhroo	<i>Algebra</i> ISBN : 81-85468-77-X	Navkar Prakashan, AJMER	2016
	DR D.C. Gokhroo & DR Anil Gokhroo	<i>Ring Theory</i> ISBN : 81-85468-78-8	Navkar Prakashan, AJMER	2016

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DR D.C. Gokhroo & DR Anil Gokhroo	<i>Abstract Algebra</i> ISBN : 81-85468-79-6	Navkar Prakashan, AJMER	2016
DR D.C. Gokhroo & DR Anil Gokhroo	<i>Partial Differential Equations</i> ISBN : 81-85468-11-7	Navkar Prakashan, AJMER	2016
DR D.C. Gokhroo & DR Anil Gokhroo	<i>Number theory</i> ISBN : 81-85468-63-X	Navkar Prakashan, AJMER	2016
DR D.C. Gokhroo & DR Anil Gokhroo	<i>Theory of Equations</i> ISBN : 81-85468-64-8	Navkar Prakashan, AJMER	2016
DR D.C. Gokhroo & DR Anil Gokhroo et.al	समूह सिद्धान्त ISBN : 81-85468-65-6	Navkar Prakashan, AJMER	2016
DR D.C. Gokhroo & DR Anil Gokhroo	समीकरण सिद्धान्त ISBN : 81-85468-60-5	Navkar Prakashan, AJMER	2016
DR D.C. Gokhroo & DR Anil Gokhroo	संख्या सिद्धान्त ISBN : 81-85468-62-1	Navkar Prakashan, AJMER	2016
DR D.C. Gokhroo & DR Anil Gokhroo et.al	वलय सिद्धान्त ISBN : 81-85468-66-4	Navkar Prakashan, AJMER	2016
DR D.C. Gokhroo & DR Anil Gokhroo et.al	मैट्रिसेज ISBN : 81-85468-18-4	Navkar Prakashan, AJMER	2017
DR D.C. Gokhroo & DR Anil Gokhroo et.al	अवकलन गणित ISBN : 81-85468-17-6	Navkar Prakashan, AJMER	2017
DR D.C. Gokhroo & DR Anil Gokhroo	समाकलन गणित ISBN : 81-85468-00-1	Navkar Prakashan, AJMER	2017

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et.al				
DR D.C. Gokhroo & DR Anil Gokhroo et.al	द्विविम ज्यामिति ISBN : 81-85468-25-7	Navkar Prakashan, AJMER	2017	
DR D.C. Gokhroo & DR Anil Gokhroo et.al	त्रिविम ज्यामिति ISBN : 81-85468-16-8	Navkar Prakashan, AJMER	2017	
DR D.C. Gokhroo & DR Anil Gokhroo et.al	संक्रिया विज्ञान ISBN : 81-85468-20-6	Navkar Prakashan, AJMER	2017	
DR D.C. Gokhroo & DR Anil Gokhroo et.al	विश्लेषिक 3 D ISBN : 81-85468-81-8	Navkar Prakashan, AJMER	2017	
DR D.C. Gokhroo & DR Anil Gokhroo	<i>Optimization Techniques</i> ISBN : 81-85468-52-4	Navkar Prakashan, AJMER	2017	
DR D.C. Gokhroo & DR Anil Gokhroo	<i>Partial Differential Equations</i> ISBN : 81-85468-11-7	Navkar Prakashan, AJMER	2017	
DR D.C. Gokhroo & DR Anil Gokhroo	<i>Advanced Abstract Algebra</i> ISBN : 81-85468-30-3	Navkar Prakashan, AJMER	2018	
DR D.C. Gokhroo & DR Anil Gokhroo	<i>Advanced Linear Algebra</i> ISBN : 81-85468-36-2	Navkar Prakashan, AJMER	2018	
DR D.C. Gokhroo & DR Anil Gokhroo et.al	<i>Advanced Calculus of Variations</i> ISBN : 81-85468-83-4	Navkar Prakashan, AJMER	2019	

13. Sports Activities :

14. Extra Curricular Activities :

15. Any Other Relevant Information / Contributions :

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