

Curriculum Vitae

Dr. DEEPAK RAJ JAIN

PRINCIPAL

Professor (Mathematics)

Government College, Newai (Tonk), Rajasthan.

Specialization & Areas of Interest:- "RELATIVITY AND COSMOLOGICAL MODELS"

Personal Details:

1. Name :- Deepak Raj Jain

2. Father's Name :- Mahaveer Prasad Jain

3. Date of Birth :- 04-12-1965

4. Category Status :- General

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Academic Qualifications:

1. Ph.D. (1990), Thesis Title :- "STUDY OF SOME ANISOTROPIC HOMOGENEOUS
COSMOLOGICAL MODELS IN GENERAL
RELATIVITY"

Rajasthan University, Jaipur (Rajasthan)

2. M. Sc. (1986) :-

Department of Mathematics, Rajasthan University, Jaipur
(Rajasthan)

3. B. Sc. (1983) :-

Maharaja College, Jaipur, Rajasthan University, Jaipur
(Rajasthan)

Subjects: "MATHEMATICS, CHEMISTRY, PHYSICS,

Teaching Experience and Employment Details:

1. Teaching Experience:- 32 Years at the Undergraduate. and 26 Years at the Post Graduate levels.
2. Employment Details:- Principal & Professor (Mathematics), Government College Newai, Department of College Education, Government of Rajasthan:
3. Date of Joining:- 07.10.2023 As a Principal & 19-09-1992. First Posting

Training Programmes /Courses Attended:

1. UGC- Orientation Course: 01 (27 days).
2. UGC- Refresher Courses: 03 (21 days each).

Research Papers Published:

- 1- " A gravitationally non-degenerate cosmological model with expanding and shearing viscous fluid in general relativity" (January 1987), *Astrophysics and Space Science* 139(1):175-181
- 2- " Some expanding and shearing viscous fluid cosmological models in general relativity" (February 1988), *Astrophysics and Space Science* 141(2):207-216
- 3- "_An anisotropic magnetized viscous fluid cosmological model in general relativity" (January 1989) *International Journal of Theoretical Physics* 28(8):903-910
- 4- " Magnetostatic models filled with dust and disordered radiation" (March 1991), *Astrophysics and Space Science* 175(1):89-100
- 5- " Viscous fluid universe filled with stiff fluid in general relativity" (November 1991) *Astrophysics and Space Science* 185(2):211-222
- 6- " Massive String Cosmological Model Space-Time with Electromagnetic Field in Bianchi type- VI in General Relativity", *International Research Mirror, Impact Factor 6.77(SJFI), Vol-I, Issue- II (Nov. 2017) Page No 11-19*
- 7- रामानुजन ' गणितीय गौरव' *International Advance Journal of Engineering, Science and Management (IAJESM) ISSN -2393-8048, January-June 2019, Submitted in (April 2019)*
- 8- " Bianchi Type- VI String Cosmological Model with Electromagnetic Field in General Relativity" *volum 07, Issue 05, (May 2019) UGC Journal No 64650, ISSN No 2279-543X , Page No 2159-2167*
- 9- " Space- Time String Cosmological Model Bianchi Type -III with Electromagnetic Field in General Relativity" *Aegaeum Journal, Volume 8, Issue 4, (2020), ASSN No 0776-3808 Page No 1260-1268*

- 10- "Bianchi Type- III Space- Time Cosmological Model with Electromagnetic Field in General Relativity" Journal of Xi'an University of Architecture & Technology , Volume XII, Issue IV 2020, ISSN No 1006-7930, Page No 340- 349
- 11- " An Anisotropic and Inhomogeneous Bianchi Type-III Cosmological Modelwith Electroagnetic Field in GR" South East Asian J of Mathematics and Mathematical Sciences, Vol 17 No 1 (2021) ISSN No 2582-0850 Page No 471-480
- 12- " Physico-Chemical Assessment of Ground Water of Fazilka" International Advance Journal of Engineering, Science and Management (IAJESM) ISSN -2393-8048, January-June 2022, Submitted in(May 2022)
- 13- Soil Contamination & Impact on Human Health : A Review IJFANS International Journal of Food and Nutritional Science ISSN No 23191775, Volume 11, (2022)
- 14- "Optimal Inventory Policy With Preservation Technology: A New Dimension For Inventory Management" IJFANS International Journal of Food and Nutritional Sciences Page No 6730-6741 , ISSN PRINT 2319 1775
- 15- "Physical and Chemical Analysis of Water Quality in Sri Ganganagar" International Advance Journal of Engineering, Science and Management (IAJESM) January-June 2023, Submitted in (January 2023) ISSN -2393-8048
- 16- "OPTIMAL PRESERVATION TECHNOLOGY INVESTMENT AND STRATEGIES FOR DEALING WITH THE EFFECTS OF CREDIT PERIOD DEPENDENT QUADRATIC DEMAND" Madhya Bharti Humanities and Social Sciences ISSN No 09740066, Vol 83 No 6, January-June 2023 (UGC-CARE List Group I) Page No 140-150

Life Membership of Academic Bodies/Societies:

राजस्थान गणित परिषद, अजमेर