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1) Details of National and International research article

Total no. of National: 20

Total no. of International: 07

2017: National (_2_), International (_1_)

2018: National (_3_), International (_1_)

2019: National (_4_), International (_1_)

2020: National (_5_), International (_1_)

2021: National (_3_), International (_2_)

2022: National (_2_), International (_1_)

2023: National (_1_), International (_0_)

List of Publications

International

1. Title: III Type Bianchi Cosmological Model in Tilted Universe

Author: Anita Bagora*, Rakeshwar Purohit

**IJAPM, Vol.2, No.4, pp.284-286, 2012, ISSN:2010-362X, DOI:10.7763/IJAPM.2012.V2.113,
U.S.A.**

2. Title: Tilted Bulk Disordered Distribution Cosmological Model

Author: Rakeshwar Purohit, Anita Bagora*

**International Journal of Applied Physics and Mathematics, Vol. 2, No. 5, pp. 348-351,
2012, ISSN: 2010-362X, DOI: 10.7763/IJAPM.2012.V2.131.**

3. Title: Some Bianchi Type I Magnetized Bulk Viscous Fluid Tilted Cosmological Models

Author: Anita Bagora*(Menaria), Rakeshwar Purohit

**Advances in Physics Theories and Applications, Vol 7, 2012, ISSN 2224-719X (Paper),
ISSN 2225-0638 (Online).**

4. Title: Imperfect Barotropic Magnetic Tilted Cosmological Model

Author: Anita Bagora* , Rakeshwar Purohit

**International Journal of Applied Physics and Mathematics, Vol. 2, No. 5, pp. 365-368, 2012,
ISSN: 2010-362X, DOI: 10.7763/IJAPM.2012.V2.136.**

5. Title: Tilted Bulk Dusty Universe

Author: Rakeshwar Purohit, Anita Bagora*

International Journal of Applied Physics and Mathematics, Vol. 2, No. 5, pp. 392-395, 2012, ISSN: 2010-362X, DOI: 10.7763/IJAPM.2012.V2.143.

6. Title: Tilted Bianchi Type I Barotropic Cosmological Model

Author: Anita Bagora* ,Rakeshwar Purohit

International Journal of Applied Physics and Mathematics, Vol. 2, No. 5, pp. 396-398, 2012, ISSN: 2010-362X, DOI: 10.7763/IJAPM.2012.V2.144.

7. Title: Tilted Bulk Disordered Distribution Cosmological Model

Author: Anita Bagora*(Menaria), Rakeshwar Purohit

[Advanced Materials Research](#), Vol. 629, pp.635-640, 2013.

Doi:10.4028/www.scientific.net/AMR.629,635.

Online since December, 2012. Trans Tech Publication, Switzerland.

8. Title: Dust Fluid Cosmological Model

Author: Anita Bagora*(Menaria), Rakeshwar Purohit

ISRNAstronomy and Astrophysics, Vol.2013 (2013), Article ID 293298, 5 pages, Hindwai Publication, USA.

<http://dx.doi.org/10.1155/2013/29329817>.

ISSN 2006-9731 ©2013 Academic Journals

9. Title: Bianchi Type IX Magnetized Stiff Fluid Cosmological Model

Author: Rakeshwar Purohit, Anita Bagora*(Menaria)

J.Phys.:Conf.Ser. Vol.423, No.1,pp.012054-12060(7),2013

[doi:10.1088/1742-6596/423/1/012054](https://doi.org/10.1088/1742-6596/423/1/012054) H-Index: 20.

[Publisher: IOP Publishing](#)

10. Title: Conformally Flat Bulk Tilted Cosmological Model

Author: Anita Bagora*(Menaria), Rakeshwar Purohit

J. Phys.: Conf. Ser. Vol. 423, No.1, pp. 12022-12028(7), 2013.

H-Index: 20.

[Publisher: IOP Publishing](#)

National

1. Title: Bianchi Type IX Cosmological Model

Author: Rakeshwar Purohit, **Anita Bagora***, Pushpa Bagora

INROADS, Vol.2, Issue.1, pp.1-4, 2014, ISSN: 2277-4912, (Jaipur) India.

2. Title: AN ANALYTIC AND COMPARATIVE STUDY OF β_1 AND α_2 NEAR-RINGS

Author: Bhumika Shrimali, Rakeshwar Purohit, Khemraj Meena & Hrishikesh Paliwal
Jnanabha Vijnana, Parishad of India, Vol. 52 (1) 2022, 89-93, P-ISSN: 0304-9892.

3. Title: A RELATIVE STUDY OF COMMUTATIVITY IN PRIME RINGS AND NEAR-RINGS WITH DERIVATIONS

Author: Bhumika Shrimali, Rakeshwar Purohit, Khemraj Meena & Hrishikesh Paliwal,
Stochastic Modeling & Applications, Vol. 25 (3) 2021, 1884-1889, P-ISSN: 0972-3641.

4. Title: DERIVATION ON β_1 NEAR-RING

Author: Rakeshwar Purohit, Bhumika Shrimali, Khemraj Meena & Hrishikesh Paliwal,
Mathematical Statistician and Engineering Applications, Vol. 71 (4) (2022), 2094-0343, P-ISSN: 2326-9865.

5. Title: AN ANALYTIC AND COMPARATIVE STUDY OF β_1 AND β_2 NEAR-RINGS

Author: Hrishikesh Paliwal, Rakeshwar Purohit, Bhumika Shrimali & Khemraj Meena,
Stochastic Modeling & Applications, Vol. 25 (3) 2021, 1874- 1877, P-ISSN: 0972-3641.

6. Title: A BRIEF STUDY OF NEAR-RINGS WITH SOME RELATED ALGEBRAIC STRUCTURE

Author: Khemraj Meena, Rakeshwar Purohit, Hrishikesh Paliwal & Bhumika Shrimali,
Stochastic Modeling & Applications, Vol. 25 (3) 2021, 1878-1883, P-ISSN: 0972-3641.

7. Title: THE STUDY OF NEAR-RING BY SOME STANDARD GROUPS

Author: R. Purohit and H.K. Paliwal,

Journal of Combinatorics, Information & System Sciences, Vol. 43 2018, 153-163, ISSN: 0250-9628.

8. Title: THE STUDY OF DERIVATIONAL COMMUTING ON A NEAR-RING

Author: R. Purohit and H.K. Paliwal,

Journal of Combinatorics, Information & System Sciences, Vol. 43 2018, 165-170, ISSN: 0250-9628.

9. Title: COMPARISON BETWEEN SOME PARTICULAR NEAR-RINGS

Author: Rakeshwar Purohit, Hrishikesh Paliwal and Khemraj Meena,

Journal of Environmental Science, Computer Science, Engineering and Technology,

Published in Proceeding

10. Title: Tilted Bianchi Type IX Cosmological Model in General Relativity

Author: Anita Bagora*, Rakeshwar Purohit

Proceedings of the 2012 International Conference on Computational and Mathematical Methods in Science and Engineering ,Murcia, Spain

July 2-5, 2012,CMMSE. VOLUME IV. Editor: J. Vigo-Aguiar.

ISBN 978-84-615-5392-1

2) Published Book / Book Chapters with publisher details:

Book Chapter

1. Title: Tilted Bianchi Type IX Cosmological Model (Book Chapter)

Author: Anita Bagora*(Menaria) ,Rakeshwar Purohit

BOOKS

1. Title: Calculus (A book for higher competitive examinations)

Author: Rakeshwar Purohit, Khemraj Meena, Hrishikesh Paliwal

2. Title: Matrices (A book for higher competitive examinations)

Author: Khemraj Meena, Rakeshwar Purohit, Hrishikesh Paliwal

3) Details of the Conference/workshops organised by you with photographs.

International conference on recent advances in Algebra, Analysis and Applications 2019 (ICRAAAA-2019)













