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## OBJECTIVE

To better facilitate student learning in the area of Mathematics. Deeply committed improving student lives and continuously strive to lead by example.

## EDUCATION QUALIFICATION

- **Ph.D. (Mathematics)**, “Study of some Inflationary and String Cosmological Model in General Relativity”, Mohanlal Sukhadia University, Udaipur (Raj).2010.
- **PGDBA** (Post Graduate Diploma in Business Administration) in HRM, Symbiosis, Pune, 2006.
- **National Eligibility Test (NET)**,CSIR-UGC,2004.
- **M.Sc. (Mathematics)**, Mohanlal Sukhadia University, Udaipur (Raj.), 2003.

## EXPERIENCE SUMMARY

- **2018 (Ongoing)** : Assistant Professor, Department of Mathematics and Statistics, Mohanlal Sukhadia University,Udaipur (Raj.)
- **2012-2018** : Assistant Professor, Department of Mathematics, Techno India NJR Institue Of Technology,Udaipur (Raj.)
- **2005-2008** : Guest **Lecturer**, Department of Mathematics and Statistics, Mohanlal Sukhadia University, Udaipur (Raj.)

## PUBLICATION

- “Five dimensional bianchi type-I string cosmological model in brans-dicke theory” paper published by **Astrophysics and Space Science, Netherland**.  
Link1 : <http://www.springerlink.com/content/j80u42qm23757542/>  
Link2 : <http://adsabs.harvard.edu/abs/2009Ap%26SS.321...37R>
- “Five dimensional perfect fluid cosmological models in barber's second self-creation theory” paper published by **Advanced Studies in Theoretical Physics, Bulgaria, Europe**.  
Link : <http://www.m-hikari.com/astp/astp2010/astp5-8-2010/rathoreASTP5-8-2010.pdf>
- “Bianchi type-III string cosmological models with bulk viscosity and electromagnetic field” paper published by **Journal of Vectorial Relativity (JVR)**.  
Link : <http://jvr.freewebpage.org/TableOfContents/Volume6/Menu2/Articles.html>

- “Five Dimensional Strings Cosmological Models with Bulk Viscous Fluid in Lyra Geometry” paper published by **Advanced Studies in Theoretical Physics, Bulgaria, Europe.**  
Link : <http://www.m-hikari.com/astp/astp2010/astp17-20-2010/rathoreASTP17-20-2010.pdf>
- “Homogeneous Inflationary String Cosmological Model in Brans-Dicke Theory” paper published by **Rajasthan Ganita Parishad,Jaipur,Rajasthan**
- “Five Dimensional Bianchi-Type-I String Cosmological Models in Saez-Ballester Theory” paper published by **Journal of environmental science, Computer Science and Engineering & Technology.**  
Link : <http://www.jecet.org/issueeng.php?volume=3&issue=4>
- Laplace Transform:Applications in L-R Circuit,Displacement Of Particle and Solving System of Simultaneous Differential Equation” paper published by **Journal of Environmental Science,Computer Science and Engineering & Technology.**

#### **PUBLICATION : BOOK**

- Mandot,Gandhi & Khurdiya(2022),Advanced Matrices,Arya Publishers Distributor(P.) Ltd. ISBN:978-93-92779-01-5.

#### **PARTICIPATION**

- Attended the 3<sup>rd</sup> Astrosat Workshop organized jointly by **Department of Physics, Mohanlal Sukhadiya University, Udaipur and Tata Institute of Fundamental Research, Mumbai**, at Udaipur(Rajasthan).
- 18<sup>th</sup> Annual Conference of **Rajasthan Ganita Parishad and Symposium ”.**

#### **SEMINAR/ WORKSHOP/ SHORT TERM TRAINING PROGRAMME/ FACULTY DEVELOPMENT PROGRAMME**

- Participated in the Five Days National Faculty Development Programme on “Effective Pedagogy for Science” Organized by JMJ College for women,Tenali from 29<sup>th</sup> November to 3<sup>rd</sup> December,2022.
- Participated in the Five Days National STTP on “Mathematical Softwares” organized by the Swami Keshvanand Institute of Technology,Jaipur from 13<sup>th</sup> to 17<sup>th</sup> September ,2021.
- Participated in Two Day National Faculty Development Programme on ” The Current Scenario in Applied Mathematics” Organized by Department of Science and Humanities,Hindustan College of Engineering and Technology,Valley Campus,Coimbatore from 23<sup>rd</sup> to 24<sup>th</sup> April,2021.
- Participated in Five Day FDP on ”Mathematical Concepts By Using Free Open Source Software (FOSS)” Organized by Department Of Mathematics,BMSIT & M,Bengaluru from 21<sup>st</sup> to 25<sup>th</sup> July ,2020.

- Participated in Five Days Faculty Development Programme “Evolution from Offline to Online Teaching” Organized by Department of IT, University of Mumbai in Association with Microsoft from 30<sup>th</sup> May to 3<sup>rd</sup> June, 2020.
- Participated in National workshop on “Computational Techniques for Education and Research” organized by Department of Mathematics & Statistics, Mohanlal Sukhadia University, Udaipur, Rajasthan from 19<sup>th</sup> to 23<sup>rd</sup> November, 2018.
- Participated in workshop on “Latex” organized by Department of Mathematics & Statistics, Mohanlal Sukhadia University, Udaipur, Rajasthan from 27<sup>th</sup> October, 2018.
- Participated in workshop on “Latex” organized by Department of Mathematics & Statistics, Mohanlal Sukhadia University, Udaipur, Rajasthan, from 13<sup>th</sup> October, 2018.

### **PROFESSIONAL AFFILIATION**

- Life-Time Membership of the Rajasthan Ganita Parishad.

### **DECLARATION**

I hereby declare that all the information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

**Dr. Kirti Khurdiya**