

# Goverdhan Khadekar

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Bulk Viscous Bianchi Type-III Cosmological Model with Modified Takabayasi String in the Presence of Varying $\hat{\rho}$ . Journal of Dynamical Systems and Geometric Theories, 2021, 19, 95-112.	0.2	0
2	Bianchi Type I Cosmological Model with Viscous Fluid in the Framework of VSL Theory. Communications in Mathematics and Applications, 2021, 12, 913-918.	0.1	0
3	FRW Viscous Dark Fluid with Non-linear Inhomogeneous Equation of State. Communications in Mathematics and Applications, 2021, 12, 869-877.	0.1	0
4	Charged perfect fluid sphere in higher-dimensional spacetime. Indian Journal of Physics, 2020, 94, 1679-1690.	1.8	3
5	Viscous Extended Cosmic Chaplygin Gas with Varying Cosmological Constant in FRW Universe. Iranian Journal of Science and Technology, Transaction A: Science, 2020, 44, 299-309.	1.5	0
6	FRW viscous modified cosmic Chaplygin gas cosmology in the presence of cosmological constant. International Journal of Geometric Methods in Modern Physics, 2019, 16, 1950141.	2.0	1
7	Possible formation of wormholes from dark matter in an isothermal galactic halo and void. Modern Physics Letters A, 2019, 34, 1950188.	1.2	7
8	Modified Chaplygin gas with bulk viscous cosmology in FRW (2+1)-dimensional spacetime. Journal of Astrophysics and Astronomy, 2019, 40, 1.	1.0	2
9	Cosmological Application in Kaluza-Klein Theory: Generalized Sudden Singularity. Journal of Dynamical Systems and Geometric Theories, 2019, 17, 205-220.	0.2	0
10	Kaluza Klein Type FRW Cosmological Model With Extended Chaplygin Gas. Journal of Dynamical Systems and Geometric Theories, 2019, 17, 149-172.	0.2	0
11	Little rip cosmological models with quadratic equation of state with time dependent parameters. Astrophysics and Space Science, 2018, 363, 1.	1.4	5
12	Inhomogeneous viscous fluid cosmological model of the universe with effective equation of state and scalar field. International Journal of Geometric Methods in Modern Physics, 2018, 15, 1850078.	2.0	1
13	FRW viscous fluid cosmological model with time-dependent inhomogeneous equation of state. International Journal of Geometric Methods in Modern Physics, 2018, 15, 1830001.	2.0	7
14	Inhomogeneous early viscous fluid universe: A concrete model for dark energy. International Journal of Geometric Methods in Modern Physics, 2016, 13, 1650037.	2.0	0
15	Casimir Effect Near the Future Singularity in Kaluza Klein Viscous Cosmology. International Journal of Theoretical Physics, 2016, 55, 706-714.	1.2	0
16	Bianchi type i cosmological model with varying $G$ , $\hat{\rho}$ & $\dot{f}^2$ in VSL theory. Journal of Dynamical Systems and Geometric Theories, 2015, 13, 149-162.	0.2	0
17	Brane Kantowski-Sachs universe with linear equation of state and a future singularity. Gravitation and Cosmology, 2015, 21, 334-339.	1.1	4
18	FRW viscous cosmology with inhomogeneous equation of state and future singularity. Modern Physics Letters A, 2015, 30, 1550144.	1.2	9

#	ARTICLE	IF	CITATIONS
19	Holography in $(2 + 1)$ -dimensional Cosmological Model with Generalized Equation of State. International Journal of Theoretical Physics, 2015, 54, 3155-3161.	1.2	1
20	Noncommutative Geometry Inspired Wormholes With Conformal Motion. International Journal of Theoretical Physics, 2015, 54, 699-709.	1.2	32
21	Implications of Time Varying Cosmological Constant on Kaluza-Klein Cosmological Model. International Journal of Theoretical Physics, 2013, 52, 4416-4426.	1.2	5
22	Geometry of Quark and Strange Quark Matter in Higher Dimensional General Relativity. International Journal of Theoretical Physics, 2012, 51, 1408-1415.	1.2	15
23	Higher Dimensional Cosmological Model with Quark and Strange Quark Matter. International Journal of Theoretical Physics, 2012, 51, 1442-1447.	1.2	18
24	HIGHER DIMENSIONAL COSMOLOGICAL MODEL OF THE UNIVERSE WITH VARIABLE EQUATION OF STATE PARAMETER IN THE PRESENCE OF $G$ AND $\hat{\Lambda}$ , 2010, , .		0
25	Higher Dimensional $\hat{\Lambda}$ -CDM Universe: A Phenomenological Approach with Many Possibilities. International Journal of Theoretical Physics, 2009, 48, 373-379.	1.2	0
26	Domain Wall with Strange Quark Matter in Kaluza-Klein Type Cosmological Model. International Journal of Theoretical Physics, 2009, 48, 2550-2557.	1.2	17
27	Higher Dimensional Cosmological Model of the Universe with Decaying $\hat{\Lambda}$ Cosmology with Varying $G$ . International Journal of Theoretical Physics, 2009, 48, 2618-2624.	1.2	2
28	Kaluza-Klein Type Cosmological Model of Early Universe with Variable Cosmological Term $\hat{\Lambda}$ : Kinematic Tests. International Journal of Theoretical Physics, 2009, 48, 3147-3157.	1.2	3
29	Higher Dimensional Unified Description of Early Universe with Variable $G$ and $\hat{\Lambda}$ . International Journal of Theoretical Physics, 2008, 47, 1542-1551.	1.2	0
30	Kaluza-Klein Type Robertson Walker Cosmological Model with Dynamical Cosmological Term $\hat{\Lambda}$ . International Journal of Theoretical Physics, 2008, 47, 1751-1763.	1.2	14
31	Early Universe with Variable Cosmological Constants in Higher Dimensional Space Time. International Journal of Theoretical Physics, 2008, 47, 1844-1852.	1.2	0
32	Higher Dimensional Unified Description of Early Universe with Variable Gravitational and Cosmological Constants. International Journal of Theoretical Physics, 2008, 47, 2444-2452.	1.2	1
33	Early Viscous Universe with Variable Cosmological and Gravitational Constants in Higher Dimensional Space Time. International Journal of Theoretical Physics, 2008, 47, 3057-3074.	1.2	2
34	Higher dimensional exact solutions for a charged fluid sphere in general theory of relativity. Astrophysics and Space Science, 2008, 315, 307-317.	1.4	1
35	Higher Dimensional String Cosmological Model with Dynamical Cosmological Term $\hat{\Lambda}$ . Journal of Dynamical Systems and Geometric Theories, 2008, 6, 61-73.	0.2	1
36	Higher Dimensional Strange Quark Matter Coupled to the String Cloud with Electromagnetic Field Admitting One Parameter Group of Conformal Motion. Chinese Physics Letters, 2007, 24, 3013-3016.	3.3	18

#	ARTICLE	IF	CITATIONS
37	String Cosmological Model with Bulk Viscosity in Higher Dimensional Space Time. Journal of Dynamical Systems and Geometric Theories, 2007, 5, 117-123.	0.2	3
38	Anisotropic spheres with uniform energy density in bimetric theory of relativity. Astrophysics and Space Science, 2007, 310, 41-45.	1.4	9
39	String cosmological models in five dimensional bimetric theory of gravitation. Astrophysics and Space Science, 2007, 310, 47-51.	1.4	13
40	Cosmological models with viscous fluid and time- dependent equation of state in Wesson's theory. Astrophysics and Space Science, 2007, 310, 77-80.	1.4	0
41	Five dimensional universe model with variable cosmological term $\hat{\rho}$ and a big bounce. Astrophysics and Space Science, 2007, 310, 141-147.	1.4	9
42	Five-dimensional cosmological model with a time-dependent equation of state in Wesson's theory. Astrophysics and Space Science, 2007, 312, 311-314.	1.4	2
43	Higher Dimensional Cosmological Implications Of A Decay Law For $\hat{\rho}$ Term: Expressions For Some Observable Quantities. Astrophysics and Space Science, 2006, 305, 415-421.	1.4	7
44	HIGHER DIMENSIONAL DUST COSMOLOGICAL IMPLICATIONS OF A DECAY LAW FOR THE $\hat{\rho}$ TERM: EXPRESSIONS FOR SOME OBSERVABLE QUANTITIES. International Journal of Modern Physics D, 2006, 15, 95-105.	2.1	16
45	Non-existence of higher dimensional axially symmetric field in Rosen's theory of gravitation. European Physical Journal D, 1989, 39, 962-967.	0.4	3