

Name of Teacher : Dr. V M Raut

**Research Papers published in Journal : 08**

<b>Sr.No.</b>	<b>Title</b>	<b>Name of author as mentioned in paper</b>	<b>Journal ,Vol.No. Page No. Year .</b>	<b>Impact Factor</b>	<b>ISSN No.</b>
1.	Kerr metric in five dimensional space time	Dr.Vidya Gaikwad and Vinay M.Raut	Applied Science periodical Vol. IX No 3 , 2007		0972-5504
2.	Strange Quark Matter attached to string cloud in F[T] Gravity	Dr. V.M.Raut	Vidyabharti international interdisciplinary Journal, Pager No. 98-104 Dec. 2019		2319-4979
3	Binachi Type III Anisotropic Cosmological model in F[RT] Gravity with Constant Deceleration parameter	Dr. P.P Khade Dr. V.M.Raut	AEGAEUM Page no. 1-10 Jan. 2020 Vol.8, Issue 2		0776-3806
4	Holographic Dark energy in tele parallel gravity for FRW space time	Dr. V.M.Raut	AEGAEUM page no. 1163-1174 Mar-2020 Vol.8, Issue 3		0776-3806
5	LRS BINACHI Type-II BULCK VISCONS String Cosmological model in Barbar`s	M.K Astankar M.S.Borkar Dr. V.M.Raut N.P.Gaikwad	Vidyabharti international interdisciplinary Journal,		2319-4979

	second self creation theory		page no 110-116 Mar-2020		
6	Study of time fractional Heat Conduction equation in a rectangular plate	J.J.Bikram G.D.Kedar Dr. V.M.Raut	NOVYIMR Journal Page no. 93-104 Oct-2020 vol. 5 issue 10		0130-7673
7	Holography Dark Energy cosmological models in Saez Ballestr theory	Dr. V.M.Raut	Bulgarian Page no. 75-80 Dec-2020		1310-0157
8	Bulk Viscous cosmological model in F(T) gravity by hybrid expansion law	Dr. V.M.Raut	prespace time journal Page no. 608-616 Dec-2020 vol. 11 issue 7		2153-8301

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**Research paper presented in Conferences/Seminars/Workshops/Symposia**

<b>Sr. No.</b>	<b>Name of Teacher</b>	<b>Title of the paper presented</b>	<b>Title of Conference/Seminar</b>	<b>Organized by</b>	<b>International / National / State / Regional / College or University level</b>
1	Dr. V.M. Raut	Killing vectors for spherically symmetric five dimensional space time	International conference on relativity	Department of Mathematics, Amravati University, Amravati	International Conference
2	Dr. V.M. Raut	Some aspects of five dimensional spherically symmetric space time	Recent trends in Mathematical Sciences	Department of Mathematics Arts, Commerce and Science college, Koradi, Dist Nagpur, 29 Oct 2013	National Conference
3	Dr. V.M. Raut	Study of inhomogeneous Viscous fluid Cosmological Model in five dimension	Recent Applications of Mathematical Tool in Science and Technology	Government College of Engineering Amravati, 8-9 May 2014	National Conference
4	Dr. V M Raut	Mathematical Modelling for Mivibresib Analogous as bromodomain and extraterminal domain, Family bromodomain inhibitor.	Innovative Research in Science and Technology	Department of Chemistry ,Shri Shivaji Science College Amravati	National Conference
5	Dr. V.M. Raut	An isotropic Dark Energy cosmological model in F(T) gravity by Hybrid expansion law	Advances in Physical, Chemical and Mathematical Sciences	RTM Nagpur University Nagpur	International Conference

