

Name of Teacher: U. M. Patil

Research Papers published in journals: 10

| Sr. No. | Title | Name of the Authors as mentioned in paper | Journal, Vol. No., Page No., Year | Impact Factor | ISSN No. |
|----------------|---|--|---|----------------------|-----------------|
| 1 | Some Investigation L R S Bianchi Type I model in General Relativity | S.D. Deo,G.S. Punwatkar U.M. Patil | International Journal of Engineering Research & Technology Vol. No.3, Issue 4, Page No. 758 to 761, April 2014, | 1.76 | 2278-0181 |
| 2 | Bianchi Type I Electromagnetic Massive String Cosmological Model in General theory of Relativity, | S.D. Deo,G.S. Punwatkar U.M. Patil | Online International Interdisciplinary Research Journal, Vol No. IV, Issue-III Page No. 198 to 203, May-June 2014 | 2.089 | 2249-9598 |
| 3 | Anisotropic Bianchi Type I cosmological model with wet dark energy in General theory of Relativity. | S.D. Deo,G.S. Punwatkar U.M. Patil | Pelagia Research Library Advances in Applied Science Research, 5(3), Page No. 391 to 396, 2014 | | 0976-8610 |
| 4 | Bianchi Type III Cosmological Model Electromagnetic fluid with cosmic string in G. R. | S.D. Deo,G.S. Punwatkar U.M. Patil | Scholars Research library Archives of Applied Science Research, 7 (1), Page No. 48 to 53, 2015 | | 0975-508X |
| 5 | L R S Bianchi Type III Universe with magnetized wet dark fluid in General Theory of Relativity | S.D. Deo,G.S. Punwatkar U.M. Patil | International Journal of Mathematical Archive Vol. No.3, , Page No. 113 to 118 , March 2016, | | 2229-5046 |
| 6 | On Bianchi Type III Strange Quark massive string universe in General theory of Relativity, | S.D. Deo,G.S. Punwatkar U.M. Patil | International Journal of Recent scientific Research , Vol No.6 Issue 12, Page No. 7987 to 7991, Dec 2015 | | 0976-3031 |
| 7 | Bulk Viscous Fluid in Bainchi Type VIo Universe with Electromagnetic field | S.D. Deo,G.S. Punwatkar U.M. Patil | IOSR Journal of Applied Physics , Vol.No 8 Issue 1,Ver. IV Page No. 42 to 45 Jan – Feb 2016, | | 2278-4861 |

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| 8 | Bianchi Type V Electromagnetic string dust Cosmological Model . | S.D. Deo,G.S. Punwatkar U.M. Patil | Internatiol Journal of Mathematical Archievelibrary Archives , Vol. No.8 Issue 1,Page No.156 to 160, Jan 2017. | 2229- 5046 |
| 9 | Bianchi Type V string dust universe with Cosmological Constant . | S.D. Deo,G.S. Punwatkar U.M. Patil | IOSR Journal of Mathematics (IOSR- JM)Archieve , Vol. No.13, Issue 5,Ver. 1, Page No.14 to 17, Sept-Oct 2017 . | 2278- 5728 |
| 10 | Wet Dark Fluid in Bianchi Type VIo universe with Electromagnetic field | S.D. Deo,G.S. Punwatkar U.M. Patil | Journal of Recent Scientific Research , Vol. No.9, Issue 10 (C) , Page No.29267 to 29269, Oct 2018 . | 0976- 3031 |