

FACULTY PROFILE



Name	Dr. Mahesh Kumar Yadav					Date of Birth:20.04.1976				
Designation	Assistant Professor				Date of holding Present Post			28.05.2013		
Name of the Department and School	Department of Mathematics and Statistics					School of Mathematical and Physical Sciences				
Contact Details	Email :yadav1976mk@gmail.com					Mobile:9829199670				
Additional Responsibility in the university, if any										
Educational Qualifications (UG onwards)	M Sc., M Phil., Ph. D.									
Research Area/Specialization	General Relativity and Cosmology									
Awards/ Honors / Fellowship Conferred (With details thereof)										
Summary of Publications (Number only)	Research Papers	05	Books	00	Chapter in Books	00	Seminars/ Conferences Proceedings		Projects	01

Research Projects (Completed and Ongoing):

S.No.	Title	Funding Agency	Duration	Sanction order No. & Date	Amount in Rs. Lakh	Completed/ongoing
1.	UGC Startup Grant 2014	UGC	2 yrs.	F.30.12/2014/(BSR): 24 July 2014	6 Lakhs	Completed

PUBLICATIONS – 2013 onwards :

National Publications (Details of Research Papers – 2013 onwards):

2016	Mahesh Kumar Yadav: BIANCHI TYPE IX COSMOLOGICAL MODELS FOR BAROTROPIC FLUID DISTRIBUTION WITH VACUUM ENERGY DENSITY : Journal of Rajasthan Academy of Physical Sciences ISSN : 0972-6306; URL : http://raops.org.in Vol.15, No.4, December, 2016, 283-290: Impact Factor = Not available
2019	MK Yadav, S Kumar, RK Gangele ; Anisotropic viscous fluid cosmological models in Saez-Ballester Theory of Gravitation: ,Journal of Rajasthan Academy of Physical Sciences :: 0972-6306, Vol. 18, No. 1&2, 2019, 83-94.if : NA

International Publications (Details of Research Papers – 2013 onwards):

2013	Raj Bali, Mahesh Kumar Yadav, and Lokesh Kumar Gupta : LRS Bianchi Type II Massive String Cosmological Models with Magnetic Field in Lyra's Geometry
2014	Raj Bali, Mahesh K. Yadav : LRS Bianchi Type-I Models with Perfect Fluid & Dark Energy: Prespace-time Journal : Vol 5, No 7 (2014) IF: Not available Raj Bali, Mahesh Kumar Yadav, Lokesh Kumar Gupta: Locally rotationally symmetric (LRS) Bianchi type II string dust viscous fluid cosmological models in Lyra geometry : Canadian Journal of Physics, 2014, Vol. 92, No. 12 : pp. 1714-1719 : https://doi.org/10.1139/cjp-2014-0205 : I.F. : 1.016

National Seminar/Conference/Workshops (Attended – 2013 onwards)

2019	Workshop on Statistical Analysis for Engineers and Researchers (SAFER-2019): IIT Kanpur UP, 31 May- 04 June 2019.
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No. of Ph.D. Scholars working:	03
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Memberships in Academic Bodies:

• Indian Association of General Relativity and Gravitation	• Rajasthan Academy of Physical Sciences
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