


Staff Details

Title	DR.	First Name	AJIT KUMAR	Last Name	SETHI	Photograph
Designation	Assistant Professor (Stage-I)					
Department	Department of Mathematics					
Phone Number (Office)	09861902281					
Email	ajitmath281@gmail.com					
Educational Qualifications						
Subject	Institution		Year	Details		
Ph.D.	Berhampur University, Bhanja Bihar		September 2020	Awarded Ph.D. Degree Thesis title: Some studies on Cosmological Models in Lyra's Manifold		
M. Phil	Ravenshaw University, Cuttack		2014	M.Phil in Mathematics		
PG	Berhampur University, Bhanja Bihar		2012	M.Sc. in Mathematics		
UG	Government Science College, Chatrapur		2010	B.Sc. in Mathematics		
Professional Experiences						
Organisation/ Institution		Designation		Duration	Role	
Yashoda Women's Degree College, Ganjam		Lecturer in Mathematics		26 th Feb 2020 to 27 Aug 2023	Teaching Mathematics to UG students	
Govt. Science College, Chatrapur		Assistant Professor		01 st Sept 2023 To till date	Teaching Mathematics to UG and PG students	
Teaching Experience (Subjects/Courses Taught)						
<ol style="list-style-type: none"> 1. U.G. Mathematics: 3 Yrs 2. P.G. Mathematics: 6 Months 						

Honors & Awards	
1.	Received Best Presentation Award in the conference entitled “International conference on General Relativity and Black Holes-2019” during July 4-5 2019 held at Singapore .
2.	Took the charge of Session Chair in the conference entitled “International conference on General Relativity and Black Holes-2019” during July 4-5 2019 held at Singapore .
Publications	
1.	De-Sitter Model in $f(R, T)$ Theory of Gravity, R. N. Patra, S. C. Otta, A.K. Sethi , R.R. Swain and B. Nayak, <i>Indian Journal of Natural Sciences</i> , Vol. 13, no. 74, pp. 49180-49185 (2022).
2.	Effect of dark energy on cosmological parameters with LVDP in Lyra manifold, R. N. Patra, A.K. Sethi , B. Nayak, and R. R. Swain, <i>New Astron.</i> , vol. 66, pp. 74–78 (2019).
3.	Tilted Bianchi-I Model with Perfect Fluid in Lyra Geometry with time varying Term Λ , R.N. Patra and A.K. Sethi , <i>International Journal on Applied and Computational Mathematics</i> , 5:94 (2019).
4.	String Cosmological Models with Bulk Viscosity in Lyra Geometry, A.K. Sethi , B.Nayak and R.N. Patra, <i>Journal of Physics: conference series</i> , 1344, 612001, (2019).
5.	Generalized Chaplygin Gas and Varying Bulk Viscosity in Lyra Geometry, A.K. Sethi , R.N. Patra and R.R. Swain, <i>International Journal of Physical and Mathematical Science</i> , vol. 13, no. 11 (2019) (World Academy of Science).
6.	Anisotropic LRS Bianchi Model with Perfect Fluid in Lyra Manifold, R.N. Patra, A.K. Sethi and R.R. Swain, <i>Asian J. Math. Comput. Res.</i> , vol. 25, no. 3, pp. 174–182 (2018).
7.	Bianchi type-III bulk viscous cosmological models in presence of Chaplygin gas with time varying- Λ in Lyra Geometry, R.N. Patra and A.K. Sethi , <i>Int. J. Pure Appl. Phys.</i> , vol. 13, no. 3, pp. 289–299 (2017).
8.	An open type mixed quadrature rule using Fejer and Gaussian quadrature rules, D. K. Behera, A. K. Sethi , R.B. Dash, <i>AJRSTEM</i> , Vol. 15, no.209 pp. 265-268 (2015)
Public Service / University Service / College Service /Consulting Activity/College Committee members	
Professional Societies Memberships	
1.	Life Member : Orissa Mathematical Society (OMS)
2.	Franklin Membership of London Journal Press: Membership Id- #RJ21883
Projects (Major Grants/Collaborations)	
Other Details if any	