

## List of Publications

*(List of papers published in SCI Journals, in year wise ascending order)*

Sl. No.	Author(s)	Title	Name of Journal	Volume	Page	Year
1	<b>P K Chattopadhyay,</b> B C Paul	Relativistic star solutions in higher-dimensional Pseudo spheroidal space-time	Pramana Journal of Physics ISSN: 0304-4289 (SPRINGER)	Vol 74 No. 4	513-523	2010
2	<i>B C Paul, P K Chattopadhyay, S Karmakar &amp; R Tikekar</i>	Relativistic Strange Stars with anisotropy	Modern Physics Letter A. ISSN: 0217-7323 (WORLD SCIENTIFIC)	Vol. 26 No. 8	1-13	2011
3	<b>P K Chattopadhyay,</b> <i>R Deb &amp; B C Paul.</i>	Relativistic Solution for a class of static compact charged star in Pseudo-Spheroidal Space-time.	International Journal of modern physics D ISSN: 0218-2718 (WORLD SCIENTIFIC)	Vol. 21 No. 8		2012
4	<b>P. K. Chattopadhyay,</b> R. Deb and B. C. Paul.	Relativistic Charged Compact Stars with Spheroidal Space-Time.	International Journal of Theoretical Physics ISSN: 0020-7748 (SPRINGER)	Vol. 53 No. 5	1666 - 1684	2013
5	B. C. Paul, <b>P. K. Chattopadhyay</b> and S Karmakar	Relativistic Anisotropic Star and its Maximum Mass in Higher Dimensions	Astrophysics and Space Science ISSN: 0004-640X (SPRINGER)	Vol. 356 No. 2	327-337	2015
6	<b>P K Chattopadhyay,</b> B C Paul	Density dependent B parameter of relativistic strange stars with anisotropy.	Astrophysics and Space Science ISSN: 0004-640X (SPRINGER)	Vol.361 No. 4	1-11	2016
7	R K Dey, S Dam, S Ray, A Basak & <b>P K Chattopadhyay</b>	<i>Determination of the mass and energy of primary cosmic rays above 100TeV.</i>	<i>Indian Journal of Physics,</i> ISSN: 0973-1458	<i>Accept ed.</i>		2018

Books/Reports/Chapters/General articles/Proceedings etc.

Sl. No.	Title	Author(s) name	Publisher	Year of Publication
1	Relativistic anisotropic strange stars in pseudo spheroidal space- time	B C Paul, <b><i>P K Chattopadhyay</i></b>	NARIT Conference Series Vol. 1 ©2012(ISBN 978-616-12-0285-9, Page258-264	2011
2	Relativistic strange stars with anisotropy and B-parameter in pseudo spheroidal space-time	<b><i>P K Chattopadhyay,</i></b> B C Paul	Proceedings of IAUS 291 (ISBN 978-1-107-03380-1, Page 362-364, (Cambridge University press)	2012
3	Effects of Microwave Radiation on Living World	<b><i>P K Chattopadhyay</i></b>	Proceedings of MTSBS ISBN: 978-93-82623-51-9	2015