



# St. Xavier's College

Dr. Camil Bulcke Path, Ranchi

## Faculty Profile

<b>Name of Faculty Member</b>	:	<b>Dr. Raman Kumar Das</b>
Gender	:	Male
Email ID	:	ramandas749@gmail.com
Name of Department	:	Department of Mathematics & Statistics
Designation	:	Associate Professor
Level of Teaching	:	Undergraduate and Postgraduate
Academic Qualification	:	M.Sc., Ph.D.
Total Teaching Experience	:	31 Years and 04 Months
UGC NET/SET Qualified	:	Yes

### **Research Papers Published:**

- 1) Sekhar Suman and **R. K. Das**, "**A Note on an equivalent of the Riemann Hypothesis**", Journal of Ramanujan Society of Mathematics and Mathematical Science, Vol. 10, No. 1, Pg. 97-102, 2022.
- 2) **R. K. Das** and Sekhar Suman, "**A Note of Series equivalent of the Riemann Hypothesis**", Indian Journal of Pure and Applied Mathematics, 2022, <http://doi.org/10.1007/s13226-022-00237-6>
- 3) "**A Generalisation of a Theorem of Perron**", 1<sup>st</sup> PRIMA Congress, at Universities of New South Wales, Sydney, Australia, July 2009.
- 4) "**Generalisation of some Identities Related to Tarry-Escott System**", Proceeding of 7<sup>th</sup> Annual Conference of VPI, at HBIT Kanpur, Pg. 66-69, 2000, ISBN: 81-7319-306-1.
- 5) **R. K. Das** and K. C. Prasad, "**Another Markoff-Line Rational Approximation Chain**", Ranchi University Mathematical Journal, Vol. 28, Pg. 85-92, 1997, ISSN: 0079-9602.

- 6) Arjun Prasad and **R. K. Das**, "**A Note on Asymmetric Approximation**", Journal of Bihar Mathematical Society, Vol. 14, Pg. 55-58, 1991.
- 7) K. C. Prasad, M. K. Singh and **R. K. Das**, "**Some Identities and Diophantine Systems**", Indian Journal of Pure and Applied Mathematics, Pg. 621-628, July 1990.

#### **Participation in UGC-HRDC Course/FDP/OC/RC:**

- 1) Attended Research Nursery Programme organized by Department of Mathematics, St. Xavier's College, Ranchi, Sponsored by Chhotanagpur Mathematical Society, March 6-14, 2014.
- 2) Participated in the Refresher Course from 01.06.2004 to 21.04.2007 organized by Academic Staff College, Ranchi University, Ranchi.
- 3) Participated in the Refresher Course from 17.02.2004 to 06.03.2004 organized by Academic Staff College, Ranchi University, Ranchi.
- 4) Participated in the Refresher Course from 01.06.1998 to 21.06.1998 organized by Academic Staff College, Ranchi University, Ranchi.
- 5) Participated in the Refresher Course from 2<sup>nd</sup> Jan to 22<sup>nd</sup> Jan 1998 organized by ASC-Burdwan Universities, Burdawan, West Bangal.
- 6) Participated 14<sup>th</sup> Orientation Course at ACS, Ranchi University, Ranchi on 10.03.1997 to 09.04.1997.
- 7) Attended **Summer School for Talented Students** in Mathematics sponsored by UGC at Department of Mathematics at Bihar University, Muzaffarpur, from 22.06.1984 to 12.07.1984.

#### **Seminar/Conference attended/Paper Presented (National/International):**

- 1) Presented a paper "**A generalization of some identities related to Tarry-Escott System**", in 7<sup>th</sup> Annual Conference of Vijnana Parishad of India at HBTI, Kanpur, Oct 24<sup>th</sup>-26<sup>th</sup>, 1997.
- 2) Attended Instructional School on **Algebraic Number Theory** sponsored by NBHM at University of Bombay, Bombay, from 27<sup>th</sup> Dec 1994 to 14<sup>th</sup> Jan 1995.

- 3) Presented a paper "**Classification of Convergents of Simple Continued Fraction**", in 7<sup>th</sup> Conference of Bihar Mathematical Society, at Department of Mathematics, Ranchi University, Ranchi, Feb 12<sup>th</sup>-13<sup>th</sup>, 1994.
- 4) Attended the 6<sup>th</sup> Annual Conference of Bihar Mathematical Society, at College of Commerce, Patna, March 15<sup>th</sup>-16<sup>th</sup>, 1991.
- 5) Presented a paper "**A Note on Asymmetric Approximation**", in National Symposium on **Number Theory**, organized by Allahabad Mathematical Society at Gujarat University, Ahmedabad, Dec 22<sup>nd</sup>-25<sup>th</sup>, 1990.

**Experience of Ph. D. Guidance:**

- 1) **Manohar Lal** awarded Ph. D. degree from Ranchi University on the topic "**On Problems in Number Theory originated in Research Work of Bihar and Jharkhand**", Date of Award: 09.04.2011.

[Dr Raman Kumar Das]