Faculty Profile

Name:	**Dr. Satyavolu Srinivas Rau**
Designation:	Associate Professor
Teaching Areas:	Linear Algebra, Higher Calculus, Stochastic Processes, Complex Variables, Differential Equations, Operations Research, Discrete Mathematics, Probability & Statistics
Research Interests:	Analytic Number theory, Mathematical Physics
Education:	Ph.D., Mathematics, University of Hyderabad, 1989
	M.Phil., Mathematics, University of Hyderabad, 1983
	M. Sc. (Hons), Mathematics, BITS, Pilani, 1981

Professional Experience: [Total 29 years]

1. 2014 –till date: Associate Professor, FST, IFHE, Hyderabad.
2. 2011-2014: Assistant Professor, FST, IFHE, Hyderabad.
3. 2009-2011: Professor, Garyounis University, Benghazi, Libya.
4. 2008-2009: Faculty Member, ICFAI Tech, Hyderabad.
5. 2006-2008: Associate Professor, Eritrea Institute of Technology, Asmara, Eritrea.

Research/Selected Publications (National-9, International-16):

1. **Book Published: "Applications of Tauberian Theorems to Dirichlet Series"** (with G.S.Mohan Reddy and B.Uma) Lambert Academic Publishing 2019 ISBN 978-613-9-45507

2. G Sudhaamsh Mohan Reddy Rau, **S Srinivas Rau** and B Uma, Some Dirichlet Series and Means of Their Coefficients, Southeast Asian Bulletin of Mathematics (2016) 40: 585–591. 0129-2021 (Print) 0219-175X

3. G.S.Mohan Reddy, **S.Srinivas Rau**, B.Uma Convergence of a series leading to an Analogue of Ramanujan's Assertion on Squarefree Integers Boletim da Sociedade Paranaense de Matemática Vol.38 , No.2 (Feb 2018) pp 83-87, ISSN-0037-8712 (PRINT) ISSN-2175-1188

4. G.S.Mohan Reddy, **S.Srinivas Rau**,B.Uma A Remark On Hardy Ramanujan's Approximation Of Divisor Functions International Journal of Pure and Applied Mathematics IJPAM: Volume 118, No. 4 (2018) pp997-1001 ISSN 1311-8080 (PRINTED VERSION). ISSN 1314-3395 (ONLINE VERSION).

5. G. Sudhaamsh Mohan Reddy, **S. Srinivas Rau**,B.Uma Some arithmetic functions and their means International Journal of Pure and Applied Mathematics IJPAM: Volume 119No2 (2018) pp369-374 ISSN 1311-8080 (PRINTED VERSION). ISSN 1314-3395 (ONLINE VERSION)

6. G.Sudhaamsh Mohan Reddy,**S.Srinivas Rau**, B.Uma AN EQUIVALENT FORM OF THE PRIME NUMBER THEOREM SARAJEVO JOURNAL OF MATHEMATICS Vol.15 (28), No.2 239-243(2019) DOI: 10.5644/SJM.15.02.08 IISSN 1840-0655   (Printed edition) ISSN 2233-1964

7. **Title of project SERB (17.09.2014 - 03.10.2017):** Analytic and Numerical Problems on L-series of Quadratic Fields.

   Description of the project: An estimate for the growth of L(d,1) with an interesting link to the Riemann Hypothesis was obtained .Means of Dirichlet coefficients of L(d,s) and several other functions were determined along with explicit formulas for the functions. Several related results in Analytic Number Theory were obtained.