Faculty Profile

Name: Dr. G Sudhamsh Mohan Reddy

Designation: Assistant Professor

Teaching Areas: Calculus, Differential Equations, Linear Algebra

Research Interests: Fixed Point Theory, Number Theory and Applied Mathematics

Education:
- Ph. D in *Mathematics* (Osmania Universityty, Hyderabad 2010)
- M. Sc. *Mathematics* (Osmania Universitysity, Hyderabad 2003)
- B. Ed. *Mathematics* (Osmania University, Hyderabad 2001)

Research / Selected Publications:

1. G Sudhaamsh Mohan Reddy (with others), Some Dirichlet series and means of their coefficients. *Southeast Asain Bulletin of Mathematics* (2016) 40: 585–591.

2. G Sudhaamsh Mohan Reddy (with others), Convergence of a Series Leading to an Analogue of Ramanujan's Assertion on Squarefree Integers, Bol. Soc. Paran. Mat. (3s.) v. 38 2 (2020): 83–87.

3. G Sudhaamsh Mohan Reddy (with others), An equivalent form of the Prime number theorem, Sarajevo Journal of Mathematics ANUBIH, Vol.15 (28), No.2, (2019), 239 – 243, DOI: 10.5644/SJM.15.02.08

4. G Sudhaamsh Mohan Reddy(with others), Some fixed point theorems on $\alpha - \beta - G$-complete metric spaces, Carpathian Mathematical Publications 13 (1)(2021), 58-67

5. G Sudhaamsh Mohan Reddy(with others), Some fixed point theorems for modified JS-G-contractions and an application to integral equations, Journal of applied mathematics & informatics 38 (5_6)(2020), 507-518

6. G Sudhaamsh Mohan Reddy(with others), Applications of a fixed point result for solving nonlinear fractional and integral differential equations, Fractal and Fractional 5 (4)(2021), 211

Research Projects: DST-India project Co-Investigator

Title: Analytic and Numerical problems on L-series of Quadratic Fields

No: SR/S4/MS: 834/13 Duration**:   3 Years -Completed