

Faculty Profile



Name: Dr. Shanti Swarup Dubey

Designation: Associate Professor (Mathematics), Faculty of Science and Technology, ICFAI University, Raipur

Teaching Areas: Topology, Differential Equation, Numerical Analysis, Multivariate Calculus, Advanced Abstract Algebra.

Research Interests: I-Function, Super continuity and super compactness,

Education:

- PhD in Mathematics, Awadhesh Pratap Singh University, Rewa (M P), 2018.
- M.Phil. in Mathematics, Awadhesh Pratap Singh University, Rewa (M P), 2011.
- M.A. in Mathematics, Awadhesh Pratap Singh University, Rewa (M P), 2010.
- B.Ed. Barkatullah University, Bhopal, 2007.

Patents: 3 and Funded Projects: 00

Research / Selected Publications:

- Overview of Advancement of Inventory Models for Deteriorating Items with Time Based Uniform Price. International Journal of Innovative Research in Engineering Volume 4, Issue 1 (January-February 2023), PP: 14-18.
- Implementation of Long Short Term Memory Algorithm for Rainfall Prediction of East Madhya Pradesh, India, '**Int. J Res. Acad. World. 2022; 1(16):06-09**'
- On Some New Trilateral Generating Relations Involving I-function of Two variables, Published in "International Journal of Mathematics Research", Vol.9, 59-64, 2017
- Application of Jacobi Polynomials to Non-Linear Differential Equation Associated with I-function of Two Variables, Published in "Aryabhata Journal of Mathematics and Informatics", Vol.8 Issue-02, 2017