FACULTY MEMBER'S ACADEMIC PROFILE

1. **Name of the Faculty member**: DR. SATYA KUMAR DAS

2. **Designation**: Assistant Professor in Mathematics (W.B.E.S.)

3. **Qualification**: M.Sc, B.Ed, Ph.D.

4. **Specialization:** Mathematical Biology, Magneto Fluid Mechanics.

5. **E-mail address:** satyakrdasmath75@gmail.com

6. **Phone Number:** 7501079331

7. **Date of Joining in W.B.E.S**.: 24.02.2015

8. **Date of Joining in this College**: 09.12.2025

9. **Total Teaching experience in College level**: 10+ years

10. **Research interests:** Operation Research

11. **Title of thesis (Ph.D.):** "Study on some inventory models and supply chain inventory models in crisp and fuzzy environments"

12. **List of publications:** Published papers in Journals:

1. Satya Kumar Das & Sahidul Islam: "Fuzzy Multi objective Inventory Model with Deterioration and Demand Dependent Production Cost Under Space Constraint: Neutrosophic Hesitant Fuzzy Programming Approach", *Neutrosophic Sets and Systems,* **Vol. 28, pp.281-294, 2019.**

2. Satya Kumar Das & Sahidul Islam: "Multi-Objective Two Echelon Supply Chain Inventory Model with Customer Demand Dependent Purchase Cost and Production Rate Dependent Production Cost", *Pakistan Journal of Statistics and Operation Research*, **Vol XV, No. IV, pp. 831-847, 2019.**

3. Satya Kumar Das & Sahidul Islam: "Multi-objective a Supply Chain Production Inventory Model with time dependent Production Rate and Demand rate Under Space Constraint in Fuzzy Environment"**,** *Independent Journal of management and Production***,** 11(2),304-323,2020.

4. Satya Kumar Das & Sahidul Islam: "Two Warehouse inventory model for deteriorating items and Stock Dependent Demand under Conditionally

Permissible Delay in Payment**", *International of Research on Social and Natural Science*, Volume-III, pages 78-89, 2018.**

5. Satya Kumar Das & Sahidul Islam: "Multi Objective Fuzzy Inventory Model with Deterioration, Price and time Dependent demand and time Dependent Holding cost", *Independent Journal of management and Production 11(3) , 928-944,* **2020.**

6. Satya Kumar Das & Sahidul Islam: "Production Cost and Set-up-Cost Dependent Fuzzy Multi Objective Inventory Model under Space Constraints: A Geometric Programming Approach", *The Journal of Fuzzy Mathematics, Los Angeles, vol-28, No.-2, pp449-466, 2020*

7. SK Das: "Multi item inventory model include lead time with demand dependent production cost and set-up-cost in fuzzy environment", *Journal of fuzzy extension and application*, 1 (3), 227-243, 2020.

8. SK Das, A Fuzzy Multi Objective Inventory Model of Demand Dependent Deterioration Including Lead Time, *Journal of Fuzzy Extension and Applications* 3 (1), 1-18, 2022

9. SK Das, A Fuzzy Multi Objective Inventory Model with Production Cost and Set-up-Cost Dependent on Population, *Annals of Data Science*, 9, 627-643,2022.

10. SK Das, A Multi Objective Offering Inventory Model with time Dependent Demand, International Journal of Scientific Research in Mathematical and Statistical Sciences, 11(1), 11-16, 2024.

13. A) **Participation in Seminars/Symposia/Conferences/Workshops:**

1. **Presented** a paper entitled "Two Warehouse inventory model for deteriorating items and Stock Dependent Demand under Conditionally Permissible Delay in Payment." in the National Seminar on 'Futuristic Trends in Applied and Computational Mathematics 2017 (NCFTACM 17)', sponsored and organized by the Dept. of Applied Mathematics with oceanology and Computer Programming, Vidyasagar University on 29-30th March, 2017.

2. **Presented** a paper entitled "A Multi Item Inventory Model with Population Dependent Various Costs in Fuzzy Environment" in the International Seminar on 'A TWO DAY INTERNATIONAL CONFERENCE ON APPLIED MATHEMATICAL SCIENCES (ICAMS 2022-VIRTUAL MODE)', sponsored and organized by the Dept. of Applied Mathematics, J. J. College of Arts and Science (Autonomous), J.J. Nagar, Sivapuram Post, Pudukkottai, Tamil Nadu, India on December 21st and 22nd, 2022.

B) Participation in OP & RC:

Name of the Course	Place	Duration	Sponsoring Agency
2nd Faculty Induction Programme (FIP)	UGC-HRDC, University of Ranchi	04.01.2021 - 31.01.2021	UGC
Refresher Course in "Data science and its applications''	UGC-HRDC, University of Jadavpur	22.02.2021 - 06.03.2021	UGC
Refresher Course in "Research Methodology and Research Ethics''	Indira Gandhi National Open University (IGNOU), Delhi	18/03/ 2025 – 29/03/2025	UGC