

## List of Faculty publication

### Dr. Anima Bag ( Asst. Prof. and Head, Dept. of Statistics)

1. “Integrated Supply Chain Model with Inflation Induced Demand and Partially Backlogged Shortage” published in the journal *Investigacion Operacional* , Volume 45, No. 3, Page 410-419, 2024.  
(Scopus indexed journal)
  
2. “An inventory model for perishable goods with controllable deterioration, partially backlogged shortage and advanced payment” published in the journal *International Journal of Scientific Research in Mathematical and Statistical Sciences*, Volume 10, Issue 5, pp. 1-6, 2023.  
(UGC Care listed journal)
  
3. “Fuzzy inventory model with multilevel permissible delay in payments” published in the journal, *International Journal of Statistics and Applied Mathematics*, Volume 7, Issue 1, pp.146-153, 2022.  
(Peer reviewed, indexed in Google scholar)

### **Book/book chapter Publications (Other than Scopus)**

1. “Forecasting the impact on crude oil prices in India during Russian Ukrain war”, **Applications of Statistics & Artificial intelligence in emerging scenarios-2023**, page;1-9, 2023.
  
2. “Optimal Inventory Model for Deteriorating Items with Permissible Delay in Consideration to Default Risk”, **Research Updates in Mathematics and Computer Science**, Volume 9, Pages: 69-80, 2024

### **Conference Proceedings (Other than Scopus)**

1. “An Optimal Policy for a Single Vendor Single Buyer Integrated Production Inventory Model with Inflation Induced Demand Under Conditional Delivery” at **9<sup>th</sup> Annual Women’s Meet**, and international Conference, 2<sup>nd</sup> March, 2024. The conference was organized by Venus International Foundation at Chennai.

**Dr. Madhusmitan Tripathy (Guest Faculty )**

1. “Women empowerment through self-help group members of Kendrapara District in Odisha - A case study” published in MAT journal of Statistics and Mathematical Engineering, 2021, volume-7, Issue 2 , pp.45-52.

**(Peer reviewed, indexed in Google scholar)**

2. “Microfinance: A Pathway of Success for Self Help Group” published in Parikalpana: KIIT Journal of Management, 2022, volume 18, Issue 2, pp.118-127.

**(UGC Care journal)**



Signature of HoD