

## **DATA BASE OF DR BISWARANJAN MANDAL**

- *Name* : *Dr Biswaranjan Mandal*
- *Designation* : Associate Professor in Mathematics
- *Caste* : General
- *Name and Address of Institution* : Acharya Jagadish Ch Bose College,  
1/1B A J C Bose Road, Kol-20 West Bengal, INDIA  
E-mail- mandal\_biswaranjan12@yahoo.co.in

- **ACADEMIC QUALIFICATION:( MASTER DEGREE AND ONWARDS):**

M.Sc.(Appl. Math)	C.U.	1994	1 <sup>st</sup> (2 <sup>nd</sup> position)
Ph.D.	J.U.	2004	-

- **TEACHING EXPERIENCE:( UG, PG, OTHERS)**

- 24.01.2000 - 20.04.10 at Bajkul Milani Mahavidyalay, Purba Medinipur
- 21.04.10 – till day at Acharya Jagadish Chandra Bose College, Kolkata

- **RESEARCH EXPERIENCE :**

- JRF and SRF ( 25.02.1996 to 23.01.2000) from Jadavpur University
- Ph.D.(awarded on 25.08.04) from Jadavpur University, Kolkata  
Topic – *Some Problems on Inventory Control.*
- *Post doctoral works* – Completed a *Minor Research Project* sponsored by UGC(05.01.07-04.01.09)

**Topic : *Fundamentals of Perishable Inventory Theory***

- **Post doctoral works** – Completed a *Minor Research Project* sponsored by UGC (05.02.13-04.02.15)

**Topic : *Stochastic Behaviour in Inventory Management Theory***

- **Examiner of Thesis**- “*Studies in Inventory on Perishable and Deteriorating Items*” submitted at Manonmaniam Sundaranar University, Tamil Nadu
- **Reviewer of research papers** :Yugoslavia Journal of Operations Research
- **Editorial Board member** : International Journal of Applied and Pure Science and Agriculture(IJAPSA)
- **Research Co-Guide**: One research scholar at Pt. Ravisankar Shukla University, Raipur(C.G).

- **RESEARCH PUBLICATIONS(NATIONAL, INTERNATIONAL JOURNAL)**

**Published research papers :**

1. ***Order level inventory system for perishable items with power demand pattern***– Int. J. Mgmt. & Syst., 16(3), 2000, 259-276
2. ***Order level inventory system with power demand pattern for items with random deterioration*** - Int. J. Mgmt. & Syst., 14(3), 1998, 227-240.
3. ***An EOQ model for deteriorating inventory with Alternating demand rates***– Korean J. Comp. & Appl. Maths, 4(2), 1997, 397-407.
4. ***Order level inventory system with ramp type demand rate for deteriorating items*** - J. Interdisciplinary Maths., 1(1), 1998, 49-66.

5. ***An EOQ inventory model for weibull distributed deteriorating items under ramp type demand and shortages.***- OPSEARCH , 4(2), 158-165, 2010

6 ***An Inventory Model for Random Deteriorating Items with a Linear Trended in Demand and Partial Backlogging***– Research J. of Business Management and Accounting, Vol. 2(3), 048-052, 2013

7. ***Optimal Inventory Management for Items with Weibull Distribution Deterioration under Alternating Demand Rates*** – Int. National J. of Eng and Tech. Res., Vol. 2(4), 359-364, 2014

8. ***On a Discrete-In-Time Order Level Inventory Model for Items with Random Deterioration***- Journal of Agriculture and Life Sciences, Vol.1(1), 1-7, 2014

- **Speaker of a Seminar:** Invited speaker in the UGC sponsored State-Level Seminar at Bajkul Milani Mahavidyalaya on 21-22, March, 2014.

**Topic-- Mathematical Ecology**

- **NATIONAL/ INTERNATIONAL/STATE LEVEL CONFERENCES, SEMINARS, WORKSHOPS, SYMPOSIUM, OR, OP, STR)**

NAME	SPONSORED AGENCY	PLACE/DATE
84 <sup>th</sup> Indian Science Congress	UGC	University of Delhi, 3-8,Jan.,97
International Seminar on “ <b>Recent Developments in Mathematical Analysis with Applications to Industrial Problems</b> ”(presented a research paper)	UGC	BHU, Dept of Mathematics, 2-5 March, 1998
Refresher course	UGC	J.U., 15 <sup>th</sup> July-3 <sup>rd</sup> Aug,2002
National Conference on “ <b>Advances in Mathematical Sciences</b> ” ( A research paper has been presented here)	UGC-DSA	J.U., March(21-22),2003

Orientation Program	UGC	J.U. 3 <sup>rd</sup> Jan-1 <sup>st</sup> Feb, 2005
Workshop on “ <i>The Revised UG Syllabus of Mathematics for 3-tier Exam Pattern</i> ”	College and WBCUTA	Raja N.L.Khan Women’s College, 22.12.05
Seminar on “ <b>Modernization of College Library</b> ”	Bajkul Milani Mahavidyalaya	Dept. of Library, BMM,1 <sup>st</sup> October,2005
National Seminar on “ <i>Quality Improvement in Higher Education role of NAAC Accredited Institutions</i> ”	NAAC	Paskura Banamali College, - 30-31 January, 2006
Seminar on “ <i>Emerging Trends in Computational and Applied Mathematics</i> ” (A research paper has been presented here)	UGC	V.U., Dept of Mathematics, 31 <sup>st</sup> Jan-1 <sup>st</sup> Feb,2007
Refresher course	UGC	C.U., 7-27, Sept,2007
International seminar on “ <i>Foundation of Mathematics, Analysis &amp; Geometry</i> ”	UGC	C.U., Dept of Pure Mathematics, 12-14, Dec,07
Seminar on “ <i>Tsunami related disaster in Indian Ocean nations</i> ”	UGC	Bajkul Milani Mahavidyalaya ,13 <sup>th</sup> March, 2007
Seminar on “ <i>Ideals of Swami Vivekananda in the context of value-based education</i> ”	College	Bajkul Milani Mahavidyalaya ,16 <sup>th</sup> March, 2007
Refresher course	UGC	C.U., 8-27, Sept,2008
State Level Seminar on “ <b>Higher Education and Employability</b> ”	UGC	Malda College, 15 <sup>th</sup> Nov., 08
National Seminar on “ <b>Recent Trends in Operations Research and Its Computational Challenges</b> ” (Presented a research paper)	UGC(SAP) DSA	CU, Dept of Applied Mathematics, 17-18, Nov.,09

Seminar on “ <i>Biodiversity Around Us</i> ”	<b>College</b>	Bajkul Milani Mahavidyalaya ,13 <sup>th</sup> January, 2010
State Level seminar on “ <i>Recent Trends in Algebra and its Applications</i> ”	<b>UGC</b>	Gokhale Memorial Girls’ College, Kolkata, 3 <sup>rd</sup> December, 2010
Workshop on “ <i>Dynamical System in BA/BSc(Hons) course of Studies in Mathematics</i> ”	<b>UGC</b>	CU, Dept of Pure Mathematics, 18 <sup>th</sup> Jan,2012
Short Term Course on “ <b>Mathematical Methods</b> ”	<b>UGC</b>	Academic Staff College, CU, Dept of applied Mathematics, 10 <sup>th</sup> Feb,2012
State Level seminar on “ <i>Emerging Trends in Mathematics and its Applications</i> ” (Secretary of Seminar Committee)	<b>UGC</b>	Dept of Mathematics, AJC Bose College, 28 <sup>th</sup> Sept,2013
Workshop on “ <i>Task Based Learning</i> ”	<b>British Council</b>	British Council Division, Kolkata, 11 <sup>th</sup> July, 2014
Conference on “ <i>Trends in Contemporary Indian Historical Studies: Crises and Transition</i> ”	<b>WBCUTA</b>	Mahadevananda Mahavidyalaya, North 24 Parganas, 20 <sup>th</sup> December, 2014
Workshop on “ <i>NAAC Assessment and Accreditation: Implementation at the Institutional Level</i> ”	<b>RKM Vidyamandira</b>	IQAC, RKM Vidyamandira 13-14 July, 2015

• **BOOK PUBLICATIONS**

A book “ *Decision Making in Inventory Management*” has been published in August, 2011 by LAMBERT Academic Publishing, Germany

- NET/SET : NET
- FIP : No
- Awards : No
- **Administrative experiences** : HOD, Ex-NAAC Coordinator, Member of NAAC Steering Committee, Member of IQAC, Member of Academic and Admission Committee, Member of College Research Committee, Member of Building Committee, Coordinator of UGC Committee, Ex-Coordinator of Admission Committee-2014
- *Faculty development programmes participated(last five years): Yes*
- *Participation in Teaching learning material development : YES*

- **MEMBERS OF ANY RECOGNISED BODY**

- *Life member of The Indian Science Congress Association,*
- *Member of Indian Society of Industrial & Applied Mathematics, Aligarh Muslim University*
- *Institutional Member of British Council, Kolkata*

- **PARTICIPATION IN UNIVERSITY EXAM RELATED WORKS( LAST FIVE YEARS)**

*Examiner of answer scripts of Hons and General papers of B.Sc. Part-1, Part-2 and Part-3 CU examinations and VU Examinations*