

## CURRICULUM VITAE



**Name** : **Dr. Manimohan Mandal**  
**Designation** : **Associate Professor in Mathematics  
Midnapore College (Autonomous)  
Midnapore- 721101, W.B**

**Education Qualification** : **M. Sc. (Applied Mathematics) , NET,  
Ph. D.(Applied Mathematics)**

**Contact Number** : +91 9002712264  
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**Date of Joining** : 15/09/1997

- **List of research papers published in National/ International journals:**
- i) M. Mandal & M. Maiti, “ Inventory Models for Breakable items with quantity discount and stock dependent demand”, Modelling Measurement & Control, A. M.S.E., France 1996, Vol-14, No-1,2: pp 47-63 .
  - ii) M. Mandal & M. Maiti, “ Inventory Models for damageable items with stock dependent demand and shortages”, Opsearch, India, 1997, Vol-34, No-3, pp 155-166.
  - iii) M. Mandal , T.K.Roy & M. Maiti, “ A Fuzzy Inventory Models of Deteriorating items with stock dependent demand under limited storage space”, Opsearch, India, 1998, Vol-35, No-4, pp 323-337.
  - iv) M. Mandal & M. Maiti, , “ Inventory of a damageable product with stock dependent demand controlled by shelf-space”, International Modelling of Non-linear Systems, 9th-11th December 1999, Dept of Mathematics, IIT Kharagpur, India.
  - v) M. Mandal & M. Maiti, “ Inventory of damageable items with variable replenishment, stock dependent demand and some units in hand”, Applied Mathematical Modelling , U.K. 1999, Vol-23, pp 799-807.
  - vi) M. Mandal & M. Maiti, “ Inventory of damageable items with variable replenishment, stock dependent demand ”, Asia-Pasific Journal of Operational Research , Singapore, 2000, Vol-17, pp 41-54.
  - vii) M. Mandal & M. Maiti, “ A Fuzzy Inventory Model of damageable items with variable replenishment and Shortage under space constraint” , Journal of Physical Sciences, Vidyasagar University, 2000-2001, pp 21-34.

➤ **Research Interest**

**Operations Research, Mathematical Modeling, Fuzzy Mathematics, Some Problems on Crisp, Fuzzy and Stochastic Environment, Graph Theory in Computer Net-Work, Soft Computing.**

➤ **Area of Teaching:**

**UG Level:**

- i) Algebra (Classical & Abstract)
- ii) Calculus (Differential & Integral)
- iii) Differential Equation
- iv) Probability & Statistics
- v) Computer Prigramming (FORTARN, BASIC, PASCAL, C, C++, Java, MATLAB)
- vi) Discrete Mathematics & Combinatrics
- vii) Mathematical Modeling
- viii) Dynamics
- ix) Statics
- x) Hydrostatics
- xi) Mathematical Analysis
- xii)

**PG Level:**


- i) Abstract Algebra
- ii) Classical Mechanics
- iii) Operation Research
- iv) Mathematical Modeling
- v) Cryptography
- vi) Soft Computing
- vii) Probability & Measure

➤ **Extracurricular Activities:**

- i) Internal evaluation
- ii) Paper Setting
- iii) Research Guide for Ph. D. work (One Scholar awarded from Vidyasagar University)

➤ **Details of Seminars Conference, Symposla organized:**

- i) **Special assistant Programme; Instructions Workshop in Applied Mathematics for University/ College Teachers and Research Scholar. Center of Advanced Study in Applied Mathematics, University Of Calcutta. During 14th-22th September 1998.**
- ii) **International Conference on Mathematics Modelling of Nonlinear System, Dept. Of Mathematics, IIT. KGP on 09-11-1999.**
- iii) **Seminar on Recent trends and Developments of Applied Mathematics, Bengal Engineering College ( Deemed University) on 03-03-2001.**
- iv) **UGC Sponsored state level Workshop on “ Teaching Enabled teaching and learning” on 26th-27th February 2004 at Barrackpur Rastraguru Surendranath College.**

- v) UGC sponsored seventh three week Refresher Course in Mathematics held from 18th March-to 7th April 2000, Academic Staff College, University of Burdwan.
  - vi) UGC sponsored seventh three week Refresher Course in Mathematics held from 18th March-to 7th April 2002, Vidyasagar University .
  - vii) UGC sponsored seventh three week Refresher Course in Mathematics held from 18th March-to 7th April 2003, Vidyasagar University .
  - viii) “ Role of Teaching Community in Conservation of Academic Climate and Standard in Educational Institution” organized by West Bengal University Teachers’ Association, Midnapore West District Committee, Midnapore.
  - ix) UGC sponsored National Seminar on “ Image Classification and Pattern Recognition” 26th March-to 27th March 2009, Dept. of Math. V.U..
  - x) UGC sponsored State Level Workshop on “ Discrete Mathematics and Mathematical Modelling introduced in U.G. Syllabus “ organized by Dept. of Math. Raja N.L.Khan Colege, Midnapore on 22nd -23 th April 2008.
  - xi) “ One day national Level Workshop on Intellectual Property Rights” Jointly organized by West Bengal State Council of Science and Technology, DST, Govt. Of West Bengal, Technology Information Forecasting and Assessment Council, DST, Govt.of India and Midnapore College on 30th August 2006.
  - xii) UGC sponsored Two day National Seminar on “ Medicinal Plants: Its present Status, Prospects and Conservation “ at Midnapore College 22nd March-to 23rd March 2006.
  - xiii) Two day NAAC Sponsored National Seminar on “ Role of IQAC on Quality Enhancement & Quality Sustenance in Higher Education,” at Midnapore College 7-8 th March 2009.
  - xiv) Two-day National Seminar on “NAAC Awarness Workshop – 2015” Organized by Vidyasagar University in collaboration with National Assessment and Accreditation Council (NAAC), Bengaluru on 1-2 April, 2015.
  - xv) Two-Day Training-cum-Workshop on “A Sample Survey on Status on Old age, Widow, and disability Pension in West Bengal” under State Statistical System, a Government of India Scheme on 14-15 January, 2016.
- **Associated with any other Organization:**
- i) Netaji Subhash Open University
  - ii) Indira Gandhi Open University
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➤ **Other Activities:**

Project Title	A Sample Survey on Status on Old age, Widow, and disability Pension in West Bengal.	
Issuing Authority	Bureau of Applied Economics and Statistics, Government of West Bengal under the scheme of Government of India	
Reference No.	HO Memo No: 851(18)-G dated: 16.03.2016. District Office Memo No: 299 dated:21.03.2016.	
Field Area	Paschim Medinipur District	
Organized By	Department of Mathematics (U.G. & P.G.), Midnapore College (Autonomous)	
Role in the Project	<b>Nodal Officer</b>	
Engage Persons	<b>Designation</b>	<b>No. of Person</b>
	Nodal Officer	1
	Field Officials	44
Note:	All the Field officials are the X-Students of Mathematics(P.G.), Chemistry(P.G.), Bengali(P.G.) of Midnapore College (Autonomous)	

