

BIO-DATA

1. Name and full correspondence address

DR. MANORANJAN DE

**VILLAGE- KERUR, POST- KERUR,
POLICE STATION- SABANG,
DISTRICT- PASCHIM MEDINIPUR,
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2. Email(s) and contact number(s)

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3. Institution

**DEPARTMENT OF MATHEMATICS(UG & PG),
MUGBERIA GANGADHAR MAHAVIDYALAYA,
PURBA MEDINIORE-721425
WEST BENGAL, INDIA**

4. Date of Birth *14th JANUARY 1987*

5. Gender (M/F/T) MALE

6. Category GENERAL

7. Whether differently abled NO

8. Academic Qualification (Undergraduate Onwards)

	Degree	Year	Subject	University/Institution	% of marks
1.	B.Sc	2008	MATHEMATICS	VIDYASAGAR UNIVERSITY	67.38
2.	M.Sc	2010	APPLIED MATHEMATICS	VIDYASAGAR UNIVERSITY	72.82
3.					
4.					

9. Ph.D thesis title, Guide's Name, Institute/Organization/University, Year of Award.

Ph.D. thesis title: **ON SOME INVENTORY MANAGEMENT PROBLEMS IN UNCERTAIN ENVIRONMENTS.**

Guide's Name:

Name	1. PROF. MANORANJAN MAITI	2. LATE DR. BARUN DAS
Position/ Designation	FORMER PROF. (RETIRED)	ASSISTANT PROFESSOR
Address	VIDYASAGAR UNIVERSITY MIDNAPORE-721102 WEST BENGAL, INDIA	SIDHO-KAHNO-BIRSHA UNIVERSITY PURULIA-723104 WEST BENGAL, INDIA
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University: VIDYASAGAR UNIVERSITY

Year of Award: 23.03.2017

10. Work experience (in chronological order).

S.No.	Positions Held	Name of the Institute	From	To	Pay Scale
1	Research Associate	Jadavpur University	11.09.2018	31.10.2019	36000
2	Assistant Professor	Mugberia Gangadhar Mahavidyalaya	01.11.2019	Continue onwards	68800

11. Professional Recognition/ Award/ Prize/ Certificate, Fellowship received by the applicant.

S.No	Name of Award	Awarding Agency	Year
1	NET JRF	CSIR-UGC	2010
2	GATE	INDIAN INSTITUTE OF TECHNOLOGY	2010
3	POST DOCTORATE FELLOW	JADAVPUR UNIVERSITY	2018

12. Publications (*List of papers published in SCI Journals, in year wise descending order*).

Sl. No	Author(s)	Title	Name of Journal	Volume	Page	Year
1	S Aktar, M De, SK Mazumder, M Maiti	Multi-Objective Green 4-dimensional transportation problems for breakable incompatible items with different fixed charge payment policies	Computers & Industrial Engineering	xxx	xxx	2021
2	MS Aktar, M De, S Maity, SK Mazumder, M Maiti	Green 4D transportation problems with breakable incompatible items under type-2 fuzzy-random environment	Journal of Cleaner Production	275	122376	2020
3	M. De, B.C. Giri	Modelling a closed-loop supply chain with a heterogeneous fleet under carbon emission reduction policy	Transportation Research Part E: Logistics and Transportation Review	133	101813	2020
4	M. De, B. Das, M. Maiti	EPL models with fuzzy imperfect production system including carbon emission: a fuzzy differential equation approach	Soft Computing,	24(2)	1293-1313	2020
5	M. De, B. Das, M. Maiti	Green logistics under imperfect production system: A Rough age based Multi-Objective Genetic Algorithm approach	Computers & Industrial Engineering	119	, 100-113	2018
6	R.L. Das, R.K. Jana, M. De, M. Maiti	Prices and order quantities of substitutable products in an EPQ model over different uncertain finite budget constraints	Journal of Intelligent & Fuzzy Systems	33	229-244	2017
7	M. De, B. Das, M. Maiti	An EPL model with reliability-dependent randomly imperfect production system over different uncertain finite time horizons	Journal of Intelligent & Fuzzy Systems	31	1481-1497	2016
8	M. De, B. Das, M. Maiti	Quality and pricing decisions for substitutable items under imperfect production process over a random planning horizon	Hacettepe Journal of Mathematics and Statistics	47 (1)	175-201	2016

13. Detail of patents.

S.No	Patent Title	Name of Applicant(s)	Patent No.	Award Date	Agency/Country	Status

14. Books/Reports/Chapters/General articles etc.

S.No	Title	Author's	Publisher	Year of Publication
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1	A Learning Effectuated Imperfect Production Inventory Model for Several Markets with Fuzzy Trade Credit Period and Inflation	M. De, B. Das, M. Maiti	SPINGER	2019

15. Any other Information (maximum 500 words)

- **AREA OF RESEARCH:** PRODUCTION INVENTORY PROBLEM, GREEN SUPPLY CHAIN MANAGEMENT, TRANSPORTATION, UNCERTAINTY, SOFT COMPUTING, HEURISTIC METHODS.
- **Software skills gained:**
 1. Experienced in handling LINGO solver to solve linear/non-linear programming problems.
 2. Experienced in handling CPLEX solver to solve linear/non-linear programming problems
 3. Experienced in heuristic methods such as GA, PSO, TLBO coding in C++ or MATLAB for single or multi-objective problems.
 4. Experienced in handling Origin, Mathematica and MATLAB for data analysis, plotting, etc.
 5. Experienced in FORTRAN, Python and C++ Programming.
 6. Experienced in using Latex for writing paper and thesis.