Faculty Profile

Name: **Karabi Dutta Choudhury**

Designation: **Professor**

Department/Centre: **Mathematics**

Phone Numbers: 03842-242117(R)

    8011698090 (M)

Email id: karabidc@gmail.com

Educational Qualifications:

M.Sc in Mathematics, Jadavpur University (1989); Ph.D in Operations Research, Jadavpur University (2002). Diploma in Computer applications, ECIT, Hyderabad. (2004-05).

Areas of Interest: (Not more than 5) : Inventory Modeling in Operations Research

Work Experience: [In chronological order with the recent one at the last.]

Name of the Organization	Designation	Period		Nature of Post (permanent/temporary/Ad-hoc/ contractual etc.)
		From	**To**	
Karimganj College, Krimganj	Lecturer	1991	2006	Permanent
G.C. College, Silchar	Sr. Lecturer	2006	2009	Permanent
Assam University, Silchar	Reader, Associate Professor and Professor	2009	Till date	Permanent

Awards and Honours (if any): [Maximum upto 5]

[In chronological order with the recent one at the last.]

Award Details	Awarding Agency	Year	Remark (if any)

Projects: [In chronological order with the recent one at the last. Mention shall be made if the project is ongoing or completed]

Project Title	Awarding Agency	Period	Amount Sanctioned	Ongoing/ Completed
DST-FIST	DST, Govt. of India	Five years	24.50 lakh	ongoing

Consultancy/International Collaboration: [In chronological order with the recent one at the last.]

Details	Year	Remark (if any)
1) Department of Mathematics, BITS, Pilani, Dubai	Till date	Published papers.
2) Department of Mathematics, University of Lincon, UK.		Written a joint project.
3) International Journal of Production Economics (Elsevier Publication)		**Reviewer of Scientific Journals**

Publications in Peer Reviewed Journals/Book Chapters (Maximum 5)

Authors	Title of the Paper/Chapter	Name of the Journal/Book	Journal/Book details	ISSN/ISBN
TK Datta, **K Paul**	An inventory system with stock-dependent, price-sensitive demand rate.	*Production planning & Control: The Management of Operations*	2001: 12 (1), 13-20. Available online: 15 Nov 2010	ISSN 0953± 7287 print/ISSN 1366± 5871 online
K Dutta Choudhury, TK Dutta	Ordering and Pricing Policy for Multi-quality Product with Dual Storage Facility.	*Assam University Journal of Science and Technology*	2009: 4 (2), 17-21.	ISSN: 0975-2773

Authors	Title	Journal	Year	ISSN
K Dutta Choudhury, TK Datta	An Inventory Model with Stock–dependent Demand Rate and Dual Storage Facility.	*Assam University Journal of Science and Technology*	2010 : 5 (2), 53-63	ISSN: 0975-2773
B Karmakar, **K Dutta Choudhury**	Inventory models with ramp-type demand for deteriorating items with partial backlogging and time-varying holding cost.	*Yugoslav Journal of Operations Research*	2013 : 24 (2)	ISSN: 0354-0243 EISSN: 2334-6043
K Dutta Choudhury, B Karmakar, M Das, TK Datta	An inventory model for deteriorating items with stock-dependent demand, time-varying holding cost and shortages.	*OPSEARCH*	2013: 1-20.	ISSN 0030-3887

Books Authored/Edited Books (Maximum 5)

Authors	Title of the Book	ISBN	Publisher Details	Authored/Edited
Karabi Dutta Choudhury, T.K. Datta	*Some Inventory problems and solutions*.	ISBN 978-93-81991-58-9.	Swastik Publisher, New Delhi. 2009	Authored
Karabi Dutta Choudhury	*Recent Trends in Mathematical Sciences*.	ISBN 978-93-81991-59-6.	Swastik Publisher , New Delhi. 2009	Edited
Karabi Dutta Choudhury, Devajyoti Biswas, Sumit Saha	*Recent Advances in Mathematical Sciences and their applications*	ISBN: 987-81-8487-191-3.	Narosa Publishing House, New Delhi. 2013	Edited

Peer Reviewed Publications in Proceedings of National/International Conference/Workshop/ Symposium (Maximum 5)

Authors	Title of the Paper	Name of the Program and Organizer	Publisher Details	ISBN/ISSN
K. Dutta Choudhury, Sumit Saha, and Mantu Das	A Note on Inventory Model. 104-111.	Recent Advances in Mathematical sciences and their applications, Organised by Deptt. of Mathematics, Assam University, Silchar	Narosa Publishing House, New Delhi. 2013	ISBN: 987-81-8487-191-3
Sumit Saha, **K. Dutta Choudhury** and Mantu Das	An Inventory Model for Non-deteriorating Items with Non-linear Time Dependent Demand Rate. 112-120.	Recent Advances in Mathematical sciences and their applications, Organised by Deptt. of Mathematics, Assam University, Silchar	Narosa Publishing House, New Delhi. 2013	ISBN: 987-81-8487-191-3

Patents (if any):

Patent Details	Awarding Agency	Year	Remark (if any)

Details of Ph.D degree awarded (Under the supervision of the faculty):

Name of the Scholar	Title of the Thesis	Year of award	Remark (if any)
Biplab Karmakar	A Few Inventory Problems and Solutions	06.09.2013	
Mantu Das	Mathematical modelling in Inventory Management with special reference to Demand and Lotsize	13.05.2014	
Saidur Rahman Barbhuiya	A Study of Abstract algebras in Fuzzy settings	Submitted on 21.09.2015	Not yet awarded