

CURRICULUM VITAE

GURUDATT RAO AMBEDKAR

Email: gurudatt@hrc.du.ac.in

OBJECTIVE

To be associated with a progressive organization that provides an opportunity to apply my knowledge and skills in order to keep abreast with latest trends and technologies.

ACADEMIC RECORD

S. NO.	EXAMS	YEAR	BOARD/UNIVERSITY
1	Ph.D.	(Pursuing)	DEPARTMENT OF MATHEMATICS, UNIVERSITY OF DELHI
2	M.TECH in EARTH SYSTEM SCIENCE AND TECHNOLOGY	2009-11	I.IT. KHARAGPUR
3	M.SC. in MATHEMATICS	2005-07	C.C.S. UNIVERSITY, MEERUT
4	B.ED.	2004-05	C.C.S. UNIVERSITY, MEERUT
5	B.SC.	2001-04	C.C.S. UNIVERSITY, MEERUT

ACADEMIC ACHIEVMENT

- M.H.R.D National Fellowship (GATE Fellowship) for M.Tech.
- C.S.I.R. NET- JRF, June 2009 in Mathematics
- Lifetime Member of ORSI
- Member of the academic committee of CORAL at IIT KHARAGPUR from Dec. 2009 to March 2011

AREA OF INTEREST

- Differential Equations, Optimization, Linear Algebra
- Mathematical Modeling

TECHNICAL SKILLS

OPERATING SYSTEMS : WINDOWS (7, 8, 10, 11), LINUX
PROGRAMMING LANGUAGES : MATHEMATICA, MAXIMA

SOFTWARES : GRADS
MODELS : WRF

TEACHING EXPERIENCE

- Assistant Professor of Mathematics at HANSRAJ College, University of Delhi from 07th October, 2022.
- Assistant Professor of Mathematics at Acharya Narendra Dev College, University of Delhi from 22nd July, 2011 to 06th October, 2022.

PUBLICATION

- Singh, C., Ambedkar, G.R. (2023) Optimizing EOQ model for expiring items with stock, selling cost and lifetime dependent demand under inflation. *OPSEARCH* 60, 174–187.
- Presented a paper titled Optimizing Perishable Inventory Model for carbon Emission and Expiring Items during International e-conference on Mitigation environmental issues by sustainable approaches (ICMCESA-2022) organized by ANDC, University of Delhi from Feb 22-28, 2022.
- Presented a paper titled Optimization EOQ Model for Carbon Emission under Inflation for Expiring Items during International Conference on Applications of Operational Research in Business and Industries (AORBI-2021) organized by ORSI at Government Holkar Science College Indore from Dec 17-19, 2021 (Accepted for Springer Conference Proceedings)
- Presented a paper titled Optimizing EOQ model for Expiring Items with Stock, Selling Cost and Lifetime Dependent Demand under Inflation during International Conference on Sustainable Development: Modeling and Optimization (ICSDMO-2021) organized by ORSI, Meerut Chapter from Feb 16-17, 2021.
- Presented a paper titled Optimal Inventory Model for Deteriorating Items under Inflationary Environment during National Conference on Advances in Operations Research and Mathematical Sciences (AORMS-2018) organized by ORSI, Meerut Chapter and Vardhman College, Bijnor (U.P.) from Feb 24-25, 2018.
- E-Chapter, “System of Linear Equation” for ILLL, University of Delhi under National Mission on Education in Mathematics Category.
- E-Chapter, “Sets and Functions” for ILLL, University of Delhi for DC I course of Mathematics.
- E-Chapter, “Predator-Prey and Epidemic Model” for ILLL, University of Delhi for DC I course of Mathematics.

- E-Chapter, “Homogeneous Differential Equations and their Solutions” for ILL, University of Delhi for DC I course of Mathematics.
- E-Chapter, “Vector Values functions” for ILL, University of Delhi under National Mission on Education in Mathematics Category.

WORKSHOP/FDP/TRAINING PROGRAMME ATTENDED

S. No	Details	Place	Period		Year	Sponsoring/Organising Agency
			From	To		
1.	FDP on Computer Algebra System	New Delhi	22 March	03 April	2023	Hansraj College and Ramjas College, University of Delhi
2.	Faculty Induction Programme	New Delhi	01 December	30 December	2022	MHRFDC, Hansraj College, University of Delhi
3.	Workshop on Tools and Techniques in Statistical Analysis	New Delhi	06 April	19 April	2021	Acharya Narendra Dev College, University of Delhi
4.	Teacher Enrichment Workshop on Differential Equations and its Applications	New Delhi	15 March	28 March	2021	National Centre for Mathematics (A joint centre of TIFR and IIT Bombay) and hosted by Deshbandhu College, University of Delhi
5.	Orientation Course (Online)	New Delhi	26 June	24 July	2020	TLC, Ramanujan College, University of Delhi
6	FDP on Open-Source Tools for Research	New Delhi	08 June	14 June	2020	TLC, Ramanujan College, University of Delhi
7	FDP on Managing Online Classes and Co-Creating Moocs:2.0	New Delhi	18 May	03 June	2020	TLC, Ramanujan College, University of Delhi
8	Workshop on Advanced Numerical Techniques and its Applications	Dehradun	06 May	11 May	2019	Department of Mathematics, Graphic Era Hill University, Dehradun
9	Workshop on Foundation Course- Building Mathematical Ability	New Delhi	24 June	26 June	2013	CPDHE, University of Delhi.
10	Workshop on Maxima	New Delhi	17 August	17 August	2012	ANDC, University of Delhi
11	Training Programme on Observations and Data Analysis for STORM	Kharagpur	13 April	19 April	2011	CORAL, IIT Kharagpur

WORKSHOP/FDP/TRAINING PROGRAMME ORGANIZED

- Organizing Secretary of International e-conference on Mitigation environmental issues by sustainable approaches (ICMCESA-2022) organized by ANDC, University of Delhi from Feb 22-28, 2022
- Member of organizing committee (Executive Committee Member) of International Conference on Sustainable Development: Modelling and Optimization (ICSDMO-2021) organized by ORSI, Meerut Chapter from 16th Feb 2021 to 17th Feb 2021
- Worked as a Co-ordinate in the “Workshop on Mathematica” held at Acharya Narendra Dev College (University of Delhi) on 1st March, 2013.
- Volunteer for International Conference on Infrastructure Finance (ICIF- 2010) at IIT Kharagpur.

EXTRA CURRICULAR ACTIVITY

- Working as a member of Anti-Ragging Committee (2022-23) of Hansraj College, University of Delhi
- Working as a member of Discipline Committee (2022-23) of Hansraj College, University of Delhi
- Worked for NAAC/Data Compiling Team and Examination (SOL) Committee of ANDC, University of Delhi
- Member of Proctorial Committee of ANDC, University of Delhi from 2016 to 2022
- Member of Annual Report Committee (Result Analysis) of ANDC, University of Delhi from 2017 to 2022
- Member of Cultural Event Management Committee of ANDC, University of Delhi from 2018 to 2022
- Member of NSS committee of ANDC, University of Delhi from 2012 to 2014
- GENERAL SECRETARY for maintenance, V.S. HALL OF RESIDENCE, IIT Kharagpur during 2010-2011
- UNDER SECRETARY for maintenance, V.S. HALL OF RESIDENCE, IIT Kharagpur during 2009-2010
- Successfully Organized a HALL DAY for V.S. HALL OF RESIDENCE, IIT Kharagpur on 3rd April, 2011 which was attended by 1800 people.

DECLARATION

I hereby declare that the above-mentioned information is true to the best of my knowledge.

GURUDATT RAO AMBEDKAR