



## CURRICULAM-VITAE



Title	<b>DR.</b>	First Name	<b>DEO DATTA</b>	Last Name	<b>AARYA</b>	Photograph
Designation	<b>Assistant Professor</b>					
Address	<b>Department of Mathematics, Acharya Narendra Dev College (University of Delhi), Govindpuri, Kalka Ji, New Delhi-110 019</b>					
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Residence						
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Educational Qualifications						
Degree	Institution				Year	
<b>Ph.D.</b>	Graphic Era University, Dehradun (Uttarakhand), <b>Title of Thesis: Some Mathematical Inventory Models for Deteriorating Items under Progressive Payment scheme.</b>				<b>2017</b>	
<b>M. Phil.</b>	Vinayaka Missions University, Directorate of Distance Education, Salem, Tamilnadu.				<b>2009</b>	
<b>PG</b>	Jamia Millia Islamia (Central University), New Delhi (Mathematics with Computer Science)				<b>2004</b>	
<b>UG</b>	Bundelkhand University, Jhansi (U.P.)				<b>1999</b>	
<b>Any Other</b>						
Career Profile						
<ul style="list-style-type: none"><li>➤ <b>August 24, 2018 to till date - Assistant Professor, Department of Mathematics, Acharya Narendra Dev College (University of Delhi), Govindpuri, New Delhi.</b></li><li>➤ <b>August 2018 to November 2018-Assistant Professor (Guest), Department of Mathematics, P.G.D.A.V. College (Evening), University of Delhi, Nehru Nagar, New Delhi.</b></li><li>➤ <b>January 04, 2018 to August 23, 2018 - Assistant Professor, Department of Mathematics, Lingaya's University, Faridabad (Haryana).</b></li><li>➤ <b>September 12, 2007 to January 03, 2018 –Assistant Professor, Department of Mathematics, Ideal Institute of Technology, Ghaziabad (U.P.) affiliated to Dr. A. P. J. Abdul Kalam Technical University, Lucknow (U.P.).</b></li></ul>						
Administrative Assignments						
<ul style="list-style-type: none"><li>• Working as a member of <b>Academic Events Committee</b> at Acharya Narendra Dev College (University of Delhi), since August 24, 2018 to till date.</li></ul>						

<ul style="list-style-type: none"> <li>• Working as a member of <b>Sports Committee</b> at Acharya Narendra Dev College (University of Delhi), since August 24, 2018 to till date.</li> <li>• Working as a member of <b>Cultural Committee</b> at Acharya Narendra Dev College (University of Delhi), since July 2019 to till date.</li> </ul>
<b>Areas of Interest / Specialization</b>
<ul style="list-style-type: none"> <li>• Inventory Control</li> <li>• Supply Chain Management</li> </ul>
<b>Subjects Taught</b>
<ul style="list-style-type: none"> <li>➤ Calculus</li> <li>➤ Real Analysis</li> <li>➤ Complex Analysis</li> <li>➤ Differential Equations</li> <li>➤ Abstract Algebra</li> <li>➤ Linear Algebra</li> <li>➤ Numerical Methods</li> <li>➤ Operations Research</li> <li>➤ LaTeX, HTML, Mathematica and R.</li> </ul>
<b>Research Guidance</b>
<b>Publications Profile</b>
<p style="text-align: center;"><b>Research Papers Published in the National &amp; International Journals</b></p> <ul style="list-style-type: none"> <li>• <b>Deo Datta Arya</b> and Mukesh Kumar, <b>“Supply Chain Model with Ramp Type Demand under Planning under Planning Horizon”</b>, <i>Indian Journal of Science and Technology</i>, Vol. 8, No. 15, pp. 1-8, 2015.</li> <li>• Mukesh Kumar, <b>Deo Datta Arya</b> and Rajat Kumar, <b>“A Deteriorating Inventory Model with Inflation and Trade-Credit Period under Power Pattern Demand Rate”</b>. <i>Global Journal of Pure and Applied Mathematics</i>, Vol. 11, No. 4, pp. 2427-2440, 2015.</li> <li>• Vikas Sharma and <b>Deo Datta Arya</b>, <b>“An Optimal Policy for Weibull Deteriorating Items with Power Demand Pattern and Permissible Delay in Payments”</b>, <i>Global Journal of Pure and Applied Mathematics</i>, Vol. 11, No. 4, pp. 2427-2440, 2015.</li> <li>• Mukesh Kumar and <b>Deo Datta Arya</b>, <b>“Optimal Payment Policy with Price-Dependent Demand and Three parameters Dependent Deterioration Rate under the Influence Trade Credit”</b>, <i>International Journal of Operational Research</i>, Vol. 26, No.2, pp. 236-251, 2016.</li> <li>• <b>Deo Datta Arya</b>, Mukesh Kumar and Anand Chauhan, <b>“Inventory Model with Time Dependent Demand Weibull Deterioration and Permissible Delay in Payment”</b>, <i>Journal of Nonlinear Studies</i>, Vol. 24, No. 24, pp. 43-54, 2017.</li> <li>• <b>Deo Datta Arya</b> and Mukesh Kumar, <b>“A Production Inventory Model with Selling Price and Stock Sensitive Demand under Partial Backlogging”</b>, <i>Int. J. Mathematics in Operational</i></li> </ul>

*Research*, Vol. 12, No. 3, pp. 350-363, 2018.

- **Deo Datta Aarya** and Mukesh Kumar, “**An Inventory Model with Stock and Time Dependent Demand for Decaying Items under Two Storage**”

#### Conference/ Presentations/Workshops

- Attended an International Conference (CONIAPS-14) on “**Physical Sciences Interface with Humanity**” at S.V. National Institute of Technology, Surat (Gujarat) dated on 22, 23 & 24 December 2011.
- Attended a National Conference (NCAMCP-2012) on “**Applied Mathematics and Computational Physics**” at Hindu College, Moradabad dated on 25 & 26 February 2012.
- Participated in Faculty Development Program on “**Research Methodology & Statistical Analysis**” at Graphic Era Hill University, Dehradun, U.K., India on 24, 25 & 26 May 2012.
- Attended a Faculty Development Program on Modeling, Simulations and MATLAB Tools at A.B.E.S. Engineering College, Ghaziabad (U.P.) on 15, 16 & 17 January 2014.
- Presented a paper entitled “**Inventory Model with Time Dependent Demand, Weibull Deterioration and Permissible Delay in Payment**” in the 2<sup>nd</sup> International Conference (ICMTEA 2016) on Mathematical Techniques in Engineering Applications held on March 29-30, 2016 organized by Department of Mathematics, Graphic Era University, Dehradun, U.K. India.
- Attended a National Workshop on “**Non-linear Functional Analysis and its Applications**” held on February 19-24, 2018 (One-Week) organized by Department of Mathematics, Graphic Era University, Dehradun, U.K., India.
- Presented a paper entitled “**Modeling and Analysis of an Inventory Model for Decaying Items with Stock Dependent Demand Lost Sales & Progressive Permissible Delay**” in the National Conference on Advances in Material Sciences & IOT for Smart Environmental Monitoring and Sustainability (AMSISEMS-2018) held on March 20-21, 2018 at Lingaya’s University, Faridabad (Haryana).
- Participated in the Faculty Development Program “**Teachers as Mentors**” at Acharya Narendra Dev College (University of Delhi), on October 25, 2018.
- Participated in National Workshop on “**Advanced Numerical Techniques and its Applications**” at Department of Mathematics, Graphic Era Hill University, Dehradun, Uttarakhand on May 06-11, 2019.

#### Research Projects (Major Grants/Research Collaboration)

#### Awards and Distinctions

#### Association With Professional Bodies

#### Other Activities

- **Certification of Appreciation for being the member of Mathematics Association of Jamia Millia Islamia (Central University) as Vice-President during the session 2003-04.**
- **NSS**
- **NCC**