

**Ph.D. Awarded in the department of Operational Research, University of Delhi.**

| <b>Name of the PhD scholar</b> | <b>Name of the Department</b> | <b>Name of the guide/s</b>                           | <b>Title of the thesis</b>  | <b>Year of registration of the scholar</b> | <b>Year of award of Ph.D.</b> |
|--------------------------------|-------------------------------|--|---|--|-------------------------------|
| Rishi Ranjan Sahay             | Operational Research          | Prof. Pankaj Gupta and Prof. (Retd.) Davinder Bhatia | A Study of Global Strict Minimizers in Mathematical Programming Problems Involving Higher Order Strong Invexity   | 2003                                       | 2013                          |
| Jyotish Kumar                  | Operational Research          | Prof. (Retd.)P. K. Kapur and Dr. Ompal Singh         | A Generalized Modeling Framework in Software Reliability and Related Problems                                     | 2003                                       | 2013                          |
| Pooja Arora                    | Operational Research          | Prof. Pankaj Gupta and Prof. (Retd.) Davinder Bhatia | Some Contributions to Generalized Convexity and Variants of Solution Concepts in Mathematical Programming         | 2004                                       | 2014                          |
| Alok Kumar                     | Operational Research          | Prof. Chandra K. Jaggi and Prof. K.K. Aggarwal       | A Modeling Framework for Coordinating Inventory and Marketing Decisions   | 2004                                       | 2015                          |
| Arun Tyagi                     | Operational Research          | Prof. K.K. Aggarwal                                  | A Study for Coordinating Inventory and Credit Decisions   | 2004                                       | 2016                          |
| Mandeep Mittal                 | Operational Research          | Prof. Chandra K. Jaggi                               | Inventory Management with Inspection and Trade Credit   | 2005                                       | 2012                          |
| Kuldeep Chaudhary              | Operational Research          | Prof. P. C. Jha and Dr. Ompal Singh                  | Contributions to Stochastic Mathematical Modeling and Optimization Problems in Software Reliability and Marketing | 2006                                       | 2012                          |
| Ritu Arora                     | Operational Research          | Prof. P. C. Jha and Dr. Ompal Singh                  | Optimal Component Selection for Designing Fault Tolerant Modular Software System Under Recovery Block Scheme      | 2006                                       | 2012                          |
| Yogender Singh                 | Operational Research          | Prof. P. C. Jha                                      | Contribution to Some Optimization Problems for Inventory System and Marketing                                     | 2006                                       | 2014                          |

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|-------------------|----------------------|--|---|------|------|
| Indumati          | Operational Research | Prof. P. C. Jha and Dr. Ompal Singh                    | Contribution to Some Optimization Problems of Component Selection for Modular Software System and Release Time for System Testing | 2007 | 2012 |
| Shivani Bali      | Operational Research | Prof. P. C. Jha  | Optimal Component Selection for Fault Tolerant Software Design under Consensus Recovery Block Scheme                              | 2007 | 2013 |
| Sandhya Makkar    | Operational Research | Dr. P. C. Jha and Prof. (Retd.) Davinder Bhatia        | Procurement-Distribution Coordination in Supply Chain under Quantity Discounts Varying Truck Load Policies                        | 2007 | 2014 |
| Nidhi Jain        | Operational Research | Prof. Preeti Wanti Srivastava                          | Some Contributions to Reliability Analysis of Repairable Systems  | 2007 | 2012 |
| Shilpi Verma      | Operational Research | Prof. Pankaj Gupta                                     | Mathematical Programming Approaches for Component Selection of Modular Software Systems   | 2008 | 2013 |
| Garima Mittal     | Operational Research | Prof. Pankaj Gupta                                     | A Study of Multiobjective Portfolio Optimization Models and Their Solutions Using Soft Computing Approaches                       | 2008 | 2013 |
| Remica Aggarwal   | Operational Research | Prof. P. C. Jha  | Some Optimization Models for Promotional Planning in Marketing  | 2008 | 2012 |
| Neha Mittal       | Operational Research | Prof. Preeti Wanti Srivastava                          | Some Optimum Fully and Partially Accelerated Life Testing Models in Reliability   | 2008 | 2013 |
| Gurjeet Kaur      | Operational Research | Prof. (Retd.) P. K. Kapur and Prof. Anu Gupta Aggarwal | Modeling of Testing Resource Allocation and Multi-Releases in Software Reliability  | 2009 | 2012 |
| Abhishek Tandon   | Operational Research | Prof. (Retd.) P. K. Kapur and Prof. Anu Gupta Aggarwal | A Novel Approach for Modeling Software Reliability and Successive Generations of Technologies                                     | 2009 | 2012 |
| Anuj Kumar Sharma | Operational Research | Prof. Chandra K. Jaggi                                 | Inventory Decisions under Fuzzy Environment with Different Credit Terms   | 2010 | 2016 |

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|--------------------------------|----------------------|--|---|------|------|
| Amir Hossein Soleman Garmabaki | Operational Research | Prof. (Retd.) P. K. Kapur and Prof. Anu Gupta Aggarwal | Some Contributions to Multi-Release Problems in Software Reliability and Successive Generations of Technologies               | 2010 | 2013 |
| Prerna Manik Mahindroo         | Operational Research | Dr. P. C. Jha and Prof. (Retd.) P. K. Kapur            | Soft Computing Approach for Optimization Models in Marketing  | 2010 | 2015 |
| Kanika Gandhi                  | Operational Research | Prof. P. C. Jha  | A Study of Optimization Models in Supply Chain for Deteriorating Products under Fuzzy Environment                             | 2010 | 2015 |
| Adarsh Anand                   | Operational Research | Prof. (Retd.) P. K. Kapur and Dr. Ompal Singh          | A Study of Innovation Adoption & Warranty Analysis in Marketing and Successive Software Releases                              | 2010 | 2013 |
| Jyotish Nendra Pratap Singh    | Operational Research | Prof. (Retd.) P. K. Kapur and Dr. Ompal Singh          | Software Reliability Growth Modeling, Multi Up-gradations and their Release   | 2010 | 2014 |
| Deepmala Sharma                | Operational Research | Prof. Preeti Wanti Srivastava                          | Some Optimum Accelerated Life Test Sampling Plans   | 2010 | 2015 |
| Dinesh Khurana                 | Operational Research | Prof. (Retd.) P. K. Kapur and Prof. Anu Gupta Aggarwal | Quantitative Approach to Human Resource Management  | 2011 | 2013 |
| Deepti Aggrawal                | Operational Research | Prof. (Retd.) P. K. Kapur and Dr. Ompal Singh          | Modeling Innovation Adoption for Successive Generations in Marketing & its Interdisciplinary Nature with Software Reliability | 2011 | 2015 |
| Sugandha Aggarwal              | Operational Research | Prof. P. C. Jha  | A Study of Modelling and Optimization Applications for Promotional Planning   | 2012 | 2016 |
| Sunil Tiwari                   | Operational Research | Prof. Chandra K. Jaggi                                 | Inventory Strategies for Deteriorating Items in Two Warehouse System  | 2013 | 2016 |
| Avinash Kumar Shrivastava      | Operational Research | Prof. (Retd.) P. K. Kapur and Dr. Ompal Singh          | Analytical Study of Pricing, Warranty, Release and Testing Stop Time of a Software  | 2013 | 2017 |

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|----------------|----------------------|--|--|------|------|
| Nidhi Nijhawan | Operational Research | Prof. Anu Gupta Aggarwal                         | Some Contributions to Discrete Modeling of Multi-Releases in Software Reliability                          | 2011 | 2017 |
| Kiran Garg     | Operational Research | Prof. P. C. Jha                                  | A Study of Optimized Integration of Product Recovery Management in Reverse and Closed Supply Chain Network | 2012 | 2017 |
| Santosh Kumar  | Operational Research | Prof. Pankaj Gupta and Dr. Mukesh Kumar Mehlawat | Some Contributions To Optimization Modelling Of Uncertain Allocation Problems                              | 2011 | 2017 |
| Mamta Gupta    | Operational Research | Prof. Chandra K. Jaggi                           | Study of Inventory policies for Deteriorating Items in Two Warehouse Environment                           | 2013 | 2018 |
| Nitin Sachdeva | Operational Research | Prof. P.K. Kapoor & Dr. Ompal Singh              | Quantitative Assessment of Software Warranty, Innovation & Big Data Projects Adoption                      | 2014 | 2018 |