


BRIEF PROFILE

	Name	Dr. Manoj Kumar Sharma
	Designation	Assistant Professor
	Area	Operational Research
	Email	manojsharmamath1984@gmail.com
	Contact No.	9719742196
Professional Experience	<p>Asst. Prof. in Department of Mathematics, Uttaranchal University , Dehradun , Uttrakhand. [2017-Till]</p> <p>Asst. Prof. in Department of Mathematics , Tula's Institute the Engineering and Management College, Dehradun , Uttrakhand. [2012- 2017]</p> <p>Lecturer in Department of Mathematics, Suresh Gyanvihar University, Jaipur (Raj.) [2009- 2012]</p> <p>Lecturer in Department of Mathematics, M.J.R.P. Collage of Engg . & Tech, Jaipur (Raj.) [2007- 2009]</p> <p>Lecturer in Department of Mathematics , Arya Collage of Engg.& IT, Jaipur (Raj.) [2006- 2007]</p>	
Education Qualification	<ul style="list-style-type: none"> • PhD.(Operation Research) [2009 -14] • M.Phil.(Mathematics) [2006-08] • M.Sc.(Mathematics) [2004-06] • B.Sc.(Hons.) Mathematics [2001-2004] 	
Area of Research	Deterministic Inventory Models	
Current Research, If any	Inventory Models	
<ul style="list-style-type: none"> • Publications: • Articles in Journals (only Scopus/SCI) • Books edited/Chapter contributed/Books authored 	<p>Articles</p> <ul style="list-style-type: none"> • AN OPTIMAL ORDERING PHARMACEUTICAL INVENTORY MODEL FOR TIME VARYING DETERIORATING ITEMS WITH RAMP TYPE DEMAND: <i>Research Journal of Pharmacy and Technology, Vol-11, No-12, 2018, PP-5247-5252. (UGC Approved SCOPUS Index Journal, ISSN Number-09743618)</i> • AN INVENTORY MODEL FOR DETERIORATING PRODUCTS WITH DEMAND APPRAISE BY PROMOTIONAL EFFORT: <i>International journal of mathematics and its application, vol-6 ,No-2(a) ,2018, PP-295-301 (UGC Approved Journal, ISSN Number-23471557)</i> • AN INVENTORY MODEL WITH WEIBULL DISTRIBUTION DETERIORATING ITEM POWER PATTERN DEMAND WITH SHORTAGE AND TIME 	

DEPENDENT HOLDING COST: *American Journal of Applied Mathematics and Mathematical Sciences* Vol.- 1, No. - 1, 2012, pp. 17– 22. (Open Access Journal)

- **AN EOQ INVENTORY MODEL WITH PRICE DEPENDENT DEMAND, WEIBULL DISTRIBUTION DETERIORATION WITH SHORTAGE AND RELATIVE HOLDING COST:** *Caledonian Journal of Engineering, Oman, Vol. 08, No. 1, 2012, PP- 16-19.*
- **A NON LINEAR PRICE DEPENDENT INVENTORY MODEL FOR NON INSTANTOUS DETERIORATION ITEMS WITH TIME VARYING HOLDING COST:** *Aryabhatta Journal of Mathematics & Informatics* , Vol. 4, No. 1, 2012, PP-133-138. (UGC Approved Journal , ISSN Number-09757139)
- **AN INVENTORY MODEL WITH WEIBULL DISTRIBUTION DETERIORATING ITEMS TIME DEPENDENT DEMAND WITH SALVAGE VALUE AND TIME DEPENDENT HOLDING COST:** *Vijanana Parishad Anusandhan Patrika, Vol. 55, No. 1, 2012, PP 55-64.*
- **AN INVENTORY MODEL WITH WEIBULL DISTRIBUTION HAVING TIME DEPENDENT DEMAND FOR DETERIORATING ITEMS WITH SALVAGE VALUE:** *ISST journal of Mathematics & Computing System, Vol. 2, No. 2, 2011, PP- 1-5.*
- **THE M/M/C/∞ INTER DEPENDENT QUEUEING MODEL WITH CONTROLLABLE ARRIVAL ROUTES:** *International Journal of Applied Mathematics & Engineering Sciences, Vol. 4 , No.2 , 2010, PP-149-154*

BOOKS

- **Engineering Mathematics-I**(According to Syllabus of Rajasthan Technical University)
- **Engineering Mathematics-II**(According to Syllabus of Rajasthan Technical University)
- **Engineering Mathematics-III[for CS Branch]**(According to Syllabus of Rajasthan Technical University)
- **Engineering Mathematics-III[For ME/CIVIL Branch]** (According to Syllabus of Rajasthan Technical University)
- **Engineering Mathematics-III [For EE/EC Branch]** (According to Syllabus of Rajasthan Technical University)
- **Applied Mathematics For Diploma Students.**

<p>Conferences/Seminars/Workshops/ FDP/MDP attended</p>	<ul style="list-style-type: none"> • International Conference on New Horizons in Green Chemistry & Technology at Uttaranchal University, Dec-2018 (Organizing Committee) • IEEE conference at Tulas Institute Dehradun, Dehradun - 2016 (Organizing Committee) • International Conference on “CONIAPSXII”, at Rajasthan University, Jaipur. December 2010 (presented Paper) • National Conference on “Emerging Dimensions of Mathematical Science”, IET ,Alwar. May 2010(presented Paper) • National conference on “Promoting the Application of Mathematics in Engineering and Technology” , Bikaner April 2010 • National Conference on “Mathematical Modeling and Simulation”, Hisar. March 2010 (Presented Paper) • National Conference on “Recent Trends in Mathematics & Actuarial Sciences”by Rajasthan Ganith Parishad at MNIT,Jaipur . Feb. 2010 • National Conference on “Recent Trends of Mathematical and Physical Sciences”,CCS University Meerut. Jan. 2010 (presented Paper) • National Conference on “Mathematical Modeling: Application” ,by Rajasthan Ganith Parishad at Govt. College Bharatpur Rajasthan Jan. 2007 • Two Day National Webinar on Practical Aspects of Mathematics in Data Transmission and Personal Authentication System , Organized by VIT Vellore.(24-25th July ,2020) • Online FDP on Holistic Teaching Techniques for University Teachers. Organized by Uttaranchal University, Dehradun (20-25th July,2020) • Three day Online Internation FDP On Computational Mathematics for Engineering and Reserchers, Organized by Poornima Institute of Engineering and Technology, Jaipur, Rajasthan .(10-12th July,2020) • National webinar on Application of Mathematics Organized by KPR Institute of Engineering and Technology.(6, July-2020). • Five Day Online FDP on ICT Based Teaching and Learning Process. Organized by RCP Roorki. (1-5th July , 2020) • Webinar cum Awareness Programme On Role Of Youth Against Drug Abuse, Organized By Uttaranchal University, Dehradun. (26th June, 2020) • Webinar on Food Waste Management and Importance of
---	---

	<p>Medicinal Plant in Food Industry, Organized by Uttarakhand University, Dehradun. (24th June 2020)</p> <ul style="list-style-type: none"> • Workshop on “Research Practices and Design for Professionals” at Uttarakhand University, Feb-2019 • FDP on “Advanced Research & Statistical Techniques” at Uttarakhand University, Feb-2019 • FDP on “Research Methodology” at Uttarakhand University, Dec-2018. • Workshop on “MATLAB and Its Applications” at Uttarakhand University, Sep-2018. • FDP on “Research Methodology” at Uttarakhand University, July-2018. • Teachers Congruence at Uttarakhand University, Dehradun, July-2018. • Seminar on IPR at Uttarakhand University, Dehradun, July-2017. • Taking Workshop on “The Uses of Mathematical Tools and its Applications” at Uttarakhand University, Dehradun, Nov-2017 • Taking Workshop on “The Uses of scientific Calculator in Engineering” at Tula’s Institute, Dehradun, Feb-2017
<p>Award/Certificate/Prize received</p>	<ul style="list-style-type: none"> • GATE-2018
<p>Any extra-curricular activities</p>	<p>NSS College coordinator (SALS)</p>