Faculty Details Proforma

	Title	First Name	Middle Name	Last Name
1	Dr.	Narayan		Singh
2	**Designation**	Assistant Professor		
3	**Permanent**	Permanent		
	Temporary/ Ad-hoc (Please specify)			
	Work Experience (Years of experience)	08 Years		
4	**Address:**	**Department of Mathematics,** Janki Devi Memorial College, S.G.R.H. Marg, New Delhi -110060.		
5	**Phone No: Office**			
	College Email	narayansingh@jdm.du.ac.in		
6	**Educational Qualifications (Highest Degree)**	Ph.D. (Mathematics)		
7	**Orientation/ Refresher/ FDP/GC any other**	1. Completed 2- Weeks Faculty Development Programme on "MANAGING INLINE CLASSES and CO-CREATING MOOCS:2.O" organized by RAMANUJAN COLLEGE University of Delhi from May 18 to June 03, 2020. 2. Completed 4 – Weeks INDUCTION / ORIENTATION Programme for "FACULTY IN UNIVERSITIES / COLLEGES / INSTITUTES OF HIGHER EDUCATION" organized by RAMANUJAN COLLEGE University of Delhi from June 26 to July 24, 2020 (Online Mode). 3. Completed 2- Weeks REFRESHER COURSE in "MATHEMATICS" organized by Department of Mathematics, RAMANUJAN COLLEGE University of Delhi from 16-30 March, 2021.		

	Participation in Workshops	1. Attended a "Workshop on Mathematical Modeling and Related Optimization Techniques" Organized by Society for Reliability Engineering, Quality and Operations Management, on 14-17 December 2009 held at **University of Delhi**, Delhi.
		2. Completed 2- Weeks WORKSHOP in "*Tools and Techniques in Statistical Analysis*" organized by ACHARYA NARENDRA DEV COLLEGE (University of Delhi) from 06-19 April, 2021.
		ONLINE MODE
		3. Participated in One Day International Webinar on Matlab Applications in Sciences and Engineering organized by Baba Farid College, Patiala, Punjab online on 29 May, 2020.
		4. Participated in Two Days Webinar on R Software organized by Department of Mathematics Bhagalpur University, online on 6-7 June, 2020.
		5. Attended 1-Week online lecture series on "ADVANCES IN INVENTORY CONTROL & SUPPLY CHAIN MANAGEMENT" organized by Operation Research Society of India, Meerut Chapter on Nov.-Dec. 2020.
8	**Administrative Assignments**	
	Department (in the last two years)	1. NAAC 2. Admission
	College (in the last two years)	1. Member of **Cultural Event Committee** 2.Member of College Development Committee 3. Member of Sport Committee
	University (In the entire tenure)	1. Evaluation Work 2. Question Paper Setting 3. Practical Examination. 4. Form Screening
9	**Areas of Interest / Specialization**	**Inventory Control, Supply Chain Management**
10	**Subjects Taught (in the last three years)**	1. Complex Analysis (B.Sc. (Hons) Mathematics Sem.-6) 2. Metric Space (B.Sc. (Hons) Mathematics Sem.-5) 3. Differential Equation (B.Sc. (Hons) Mathematics Sem.-4) 4. Linear Algebra

		(B.Sc. (Hons) GE-2) 5. Computer Algebra System (B.Sc. (Hons) SEC-2)
11	**Research Guidance**	NA
12	**Publications Profile**	narayansingh - Researchgate
	Authored Books (Single/ Co-authored)	NA
	Edited Books (Single/ Co-edited)	NA
	Chapter in book (Single/ Co-edited) **(Please specify whether National or International)**	NA
	Article in Peer-reviewed Journal (Single/ Co-edited) **(Please specify whether National or International, UGC Listed)**	1. Narayan Singh (2020). **Three Level Coordination under Three Level Permissible Delays in Payments with Variable Rate of Demand and Production in a Supply Chain System**, **Vol. 13, No. 1-2, pp. 11-22.** *International Transactions in Mathematical Sciences and Computer***(India)** (**ISSN Online:** 0975-3753, **ISSN Print:** 0974-5068) 2. **Narayan Singh**, Bindu Vaish and S.R. Singh (2016). **Manufacturer-supplier cooperative inventory model for deteriorating item with trapezoidal type demand**, **Vol. 26 (1), pp. 103-120.***Yugoslav Journal of Operations Research* (ISSN: 0354-0243 EISSN: 2334-6043) DOI: 10.2298/YJOR140101021S 3. **Narayan Singh**, Bindu Vaish and S.R. Singh (2015). **Three level supply chain models with variable demand rate under partial trade credit policy**, *International Journal of Services and Operations Management* (**ISSN online:** 1744-2389, **ISSN print:** 1744-2370), **Vol. 21(4),** *pp. 479-503*. 4. **Narayan Singh**, Bindu Vaish and S.R. Singh (2014). **A collaborative strategy for three echelon supply chain system with ramp type demand, deterioration and inflation**, *Operations Research and*

Decisions, (ISSN. 2081-8858) **Vol. 24 (3)**, *pp. 77-100.* DOI 10.5277/ord140305.

5. Narayan Singh, Bindu Vaish and S.R. Singh (2014). **A three level integrated inventory model with time dependent demand and production rate under a trade credit policy for both distributer and retailer**, *Control and Cybernetics,* **(ISSN 0324**-8569, Index 354732**), Vol. 43(3)** *pp. 449-471.*

6. Narayan Singh, Bindu Vaish and S.R. Singh (2014). **Coordination policy for a three echelon supply chain considering imperfect quality items**, *International Journal of Industrial Engineering Computations,* (ISSN 1923-2934 (Online) - ISSN 1923-2926 (Print)), **Vol. 5(4)**, *pp. 589-602.* DOI:10.5267/j.ijiec.2014.7.001

7. Narayan Singh, Bindu Vaish and S.R. Singh (2014). **Joint cost minimization approach for three echelon supply chain system with multiple retailers under inflation**, **Investigacion** *Operacional* (ISNN: 0257- 4306 - SCOPUS*)***, Vol. 35(3)**, *pp. 241-255***.**

8. Narayan Singh, Bindu Vaish and S.R. Singh (2014). **Analysis of three level supply chain of inventory with deterioration for multi-items**, *International Journal of Industrial Engineering Computations (*ISSN 1923-2934 (Online) - ISSN 1923-2926 (Print)), **Vol. 5(3)**, *pp. 417–430.* DOI: 10.5267/j.ijiec.2014.4.001

9. Narayan Singh, Bindu Vaish and S.R. Singh (2014). **Order Size Dependent Trade Credit Study in a Three Echelon Supply Chain Model**, *International Journal of Computer Applications Technology and Research (IJCATR-* **ISSN online: 2319–8656***)***,** *2014*, **Vol. 3(4)**, *pp. 193 - 199.* DOI: 10.7753/IJCATR0304.1002

10. Narayan Singh, Bindu Vaish and S.R. Singh (2012). **An Economic Production Lot-Size (EPLS) Model with rework and**

flexibility under allowable shortages, *Int. J. Procurement Management (***ISSN online:** 1753-8440, **ISSN print:** 1753-8432*),* **Vol. 5(1),**-*pp-104-122.* **DOI**:10.1504/IJPM.2012.044156

11. Narayan Singh, Bindu Vaish and S.R. Singh (2010). **An EOQ Model Having Pareto Distribution for Deterioration with Trapezoidal Type Demand and Backlogging under Trade Credit Policy**, *The IUP Journal of Computational Mathematics* (ISSN-09746544),**Vol.-III(3),** *pp 30-53.*

12. Narayan Singh, Bindu Vaish and S.R. Singh (2009). **A Production Inventory Model with Variable Demand Rate for Deteriorating Items under Permissible Delay in Payments**, *International Transactions in Mathematical Sciences and Computer* (**ISSN Online:** 0975-3753, **ISSN Print:** 0974-5068), **Vol.2(1),** *pp. 73-82.*

	Conference Proceedings (or any other form of published content)	

1. **Narayan Singh**, Bindu Vaish and S.R. Singh **(2014). Supply chain inventory model for deteriorating item with trapezoidal type demand** has been published in a Proceeding of **3rd International Conference on "Recent Trends in Engineering & Technology-**(ELSEVIER: Science & Technology**) held at Nasik Maharastra, India in section "**Computer Engineering and Information Technology" (*ISBNNo.:978-93-5107-220-1)* (**Vol.1**,Chapter-77)*pp.462-470* http://www.elevierst.com/conference_boo k_download_chapter.php?cbid=67#chapter 77

2. **Narayan Singh**, Bindu Vaish and S.R. Singh (2013). **Green supply chain model with product remanufacturing under volume flexible environment** has been published in a Journal *Procedia Technology* (USA) (ELSEVIER- ISSN: 2212-0173) 10, pp. 216 – 226.

		http://www.sciencedirect.com/science?_ob =ArticleListURL&_method=list&_ArticleL istID=622841547&_sort=r&_st=13&view =c&md5=2b5089be0e4a8a23ac34f1a143d 7d0eb&searchtype=a
	Creative Writing	NA
	Translation	NA
13	**Conference Participation (in the last three years) [Please specify whether National or International]**	NA
	Papers Presented	1. Paper entitled, "**Manufacture-based Supply Chain Inventory Model with Ramp Type Demand under Inflation**" has been presented in National Conference on Advances in Operations Research and Mathematical Sciences held at Vardhman College Bijnor U P on 24-25 Feb 2018. 2. Presented a paper in 2-Days "INTERNATIONAL CONFERENCE ON SUSTAINABLE DEVELOPMENT: MODELLING AND OPTIMIZATION" organized by Operation Research Society of India, Meerut Chapter on Feb. 16-17, 2021 3. Paper entitled, "**Cost determination with two level permissible delay and cash discount for retailer in a multi-level supply chain**" has been presented in International e-conference on 'Mitigating environmental issues by sustainable approaches (ICMCESA-2022)' organized by Acharya Narendra Dev College, University of Delhi, New Delhi on February 22-28, 2022
	Sessions Chaired	NA
	Discussant or any other	NA
14	**ICT enabled teaching-learning**	

	Development of e-content (Please specify if it is e-lesson, e-quizzes, e-lectures; also mention the Institution for which the same has been prepared)	Classes on google meeting	e-quizzes (on google classroom)	--
	Development of MOOCs	-	-	-
15	**Contribution to development of Syllabi**	-	-	-
16	**Research Projects**	-	-	-
		-	-	-
17	**Awards and Distinctions**	The paper "**An economic production lot-size (EPLS) model with rework and flexibility under allowable shortages**", *International Journal of Procurement Management*, 2012, has been selected as a winning paper in the prestigious **Emerald Citations of Excellence for 2015**		
18	**Association With Professional Bodies**	❖ Life time member of the Association for Advancement in Combinatorial Sciences. ❖ Life time member of Operational Research Society of India. ❖ Secretary of the Meerut Chapter of Operational Research Society of India.		
19	**Other Activities**	NA		

This is to certify that the information provided by me is correct and to the best of my knowledge

Name and Designation: Dr. Narayan Singh, Assistant Professor