




Faculty Details pro forma for DU Web-site

Title	Mr.	First Name	Kaushal	Last Name	Kumar	Photograph
Designation	Assistant Professor					
Address	Room No. 212 Department of Operational Research, Faculty of Mathematical Sciences, University of Delhi, Delhi - 110007					
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Residence Mobile						
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Education Qualifications						
Degree	Institution				Year	
Ph.D.	In Progress				In Progress	
PG	Department of Operational Research, University of Delhi, South Campus				2011	
UG	Sri Venkateswara College, University of Delhi				2009	
Career Profile						
<p>April 2013 - Till date: Assistant Professor, Department of Operational Research, University of Delhi</p> <p>Sep 2012 - March 2013: Inspector(Grade-I), Food Civil Supplies and Consumer Affairs Department, Punjab</p> <p>June 2011 - Sep 2012: Business Associate/Analyst, Cognizant Technology Solutions India Pvt. Ltd., Gurgaon, Haryana</p>						

Administrative Assignments

- **Observer**, Delhi University Entrance Test (DUET)-2019 held during 03rd to 08th July, 2019.
- **Deputy Superintendent**, M.A./M.Sc.(Applied Operational Research) Semester II and IV Examinations held in May 2016, May 2017, May 2018, May 2019.
- **Deputy Superintendent**, M.A./M.Sc.(Applied Operational Research) Semester I and III Examinations held in Nov-Dec 2016, Nov-Dec 2017, Nov-Dec 2018.
- Convenor, **Committee for Maintenance of Stores Accounts and Physical Verification of Stores** for the year 2018-19, Department of Operational Research, University of Delhi.
- Member, Committee for preparing **Ad-hoc panel as per University Ordinance XXIV** for the academic session 2018-19, Department of Operational Research, University of Delhi.
- Member, **Anti Ragging Committee** for the academic session 2017-18, 2018-19, Department of Operational Research, University of Delhi.
- Member, **Gender Sensitization Committee** for the academic session 2017-18, 2018-19, Department of Operational Research, University of Delhi.
- Member, **North-East Student's Grievance Committee** for the academic session 2017-18, 2018-19, Department of Operational Research, University of Delhi.
- **Observer**, Delhi University Entrance Test (DUET)-2018 held during 17th to 22nd July, 2018.
- Member, **Internal Assessment Compilation Committee** for the academic session 2016-17, 2017-18, Department of Operational Research, University of Delhi.
- **Observer**, Delhi University Entrance Test (DUET)-2017 held during 1st to 5th July, 2017
- Member, **Disciplinary Committee** for the academic session 2016-17, Department of Operational Research, University of Delhi.
- **Observer**, Delhi University Entrance Test (DUET)-2016 held during 19th to 23rd June, 2016.
- Member, **Students' Activities Committee** for the academic session 2016-17, 2017-18, 2018-19, Department of Operational Research, University of Delhi.
- Member, **Purchase Committee** for the academic session 2016-17, Department of Operational Research, University of Delhi.
- Member, **Admission Committee for admission to M.Sc.(Operational Research) Part-I and M.A./M.Sc.(Applied Operational Research) Part I- 2014-15, 2015-16, 2016-17, 2017-18, 2018-19, 2019-20**, Department of Operational Research, University of Delhi.
- Member, **Committee for Maintenance of Stores Accounts and Physical Verification of Stores** for the year 2015-16, Department of Operational Research, University of Delhi.
- Member, **Hooliganism Combat Committee** for the academic session 2015-16, Department of Operational Research, University of Delhi.
- Member, **Anti-Ragging and Disciplinary Committee** for the academic session 2014-15, Department of Operational Research, University of Delhi.
- **Deputy Superintendent**, M.Sc. (Operational Research) Semester I and III Examinations held in Nov-Dec 2013.
- **Committee Member**, Workshop cum Seminar on **Operational Research: Application, Challenges and Opportunities in Industry** during September 6-7, 2013 at Department of Operational Research, University of Delhi.

- Worked as an **Inspector (Grade I)** with **Food Civil Supplies and Consumer Affairs Department, Punjab**. Major Responsibilities include Inspection and Supervision of Grain Storage Godowns/Ration Depots and dealing with public for Ration card related matters.
- Worked as a member of **Placement team** and **Editorial-board** of Optima (Departmental Magazine) of M.Sc. (A.O.R.).
- Worked as an **Executive member** of **Hindi Debating Society-Vimarsh** of **Sri Venkateswara College**.

Areas of Interest / Specialization

Optimization, Supply Chain Management, Health care analytics.

Subjects Taught

M.Sc. Operational Research (North Campus)

- Scheduling Techniques
- Statistics-II
- Database Management System and Visual Programming (Theory & Practical)
- Project Work

M.A./M.Sc. Applied Operational Research (South Campus)

- Mathematical Programming-I (Linear Programming)
- Statistics-II
- Database Management System and Visual Programming (Theory & Practical)
- Data Warehousing and Data Mining
- Java Programming (Practical)
- Project Work

Conference Participation

- Presented a paper titled **“A capacitated set covering location model for improving utilization of primary health care facilities”** at the International Conference on **“Emerging Trends in Operations Research and Management Science (OR/MS)” (ORSI 2018)** organized by Operational Research Society of India at Indian Institute of Technology, Bombay, held during December 16-19, 2018.
- Presented a paper titled **“Restructuring primary care network to maximize utilization and reduce patient out-of-pocket expenses”** at **“The 18th Consortium of Students in Management Research” (COSMAR 2018)** organized by Department of Management Studies, Indian Institute of Science, Bangalore, India, held during November 29-30, 2018.

- Presented a paper titled “**Optimal Location of Primary Health Centres to minimize load on tertiary hospitals**” at “**4th Management Doctoral Colloquium and VGSOM Research Scholars Day**” (MDC & VRS 2018) organized by Vinod Gupta School of Management, Indian Institute of Technology Kharagpur, India, held during March 14-15, 2018.
- Presented a paper titled “**A Maximal Coverage Model for Optimal Location of Primary Health Care Facilities**” at the International Conference on “**Advanced Frontiers in Operational Research: Towards a Sustainable World**” (AFOR2017) organized by Operational Research Society of India at Kolkata, held during December 21-23, 2017.
- Presented a paper titled “**Association Rule Mining to Understand Customer Purchase Behavior in a Supermarket**” at the International Management Conference (IMC-2016) on “**Business and Economy: Growth, Governance and Globalization**” organized by Fortune Institute of International Business, New Delhi, held on March 5, 2016.
- Presented a Research Paper entitled **RFID in Supply Chain Management** in the two days National Conference on **Operations Research Application: Future Trends (ORAF-T-2011)** held at G.L. Bajaj Institute of Technology and Management, Greater Noida on April 23-24, 2011.

Project Work

- Worked on the project of “Consumer Awareness about Protection Plans” for “MetLife India Insurance Company Ltd.” during final semester of M.Sc. (A.O.R.).
- Worked on a project of “Brand Switching in D.T.H. Market” to analyze and predict future market share of various players in D.T.H. Industry at steady state by means of theory of “Brand Switching” during 2nd Semester of M.Sc. (A.O.R.).

Awards and Distinctions

- Received overall Best Paper Award at “**The 18th Consortium of Students in Management Research**” (COSMAR 2018) organized by Department of Management Studies, Indian Institute of Science, Bangalore, India, held during November 29-30, 2018.
- Declared successful in the **Joint CSIR-UGC** test for the award of **Junior Research Fellowship** and also declared eligible for **Lectureship (NET)** in the subject **Mathematical Sciences**. The test was conducted on 19 June, 2011.
- Secured 4th position in M.Sc. (A.O.R.) in the session 2009-11.
- Secured 4th position in UDSC and 7th position in DU in B.Sc. (Mathematics) in the session 2006-09.
- Awarded 1st prize for winning the **Mathematics Quiz-2009** conducted by the Mathematics Department, Dayal Singh College, New Delhi.
- Short term course on **SPSS** from **Delhi University Computer Centre**
- One year **Diploma in Basic Computer Applications**.

Associations With Professional Bodies

- Life Member, Operational Research Society of India.

Other Activities

Participated in the inter department cricket tournament of Sri Venkateswara College as a member of Mathematics department team in the sessions 2007-08 and 2008-09.

(Kaushal Kumar)