

ANURAG KUMAR



Professional Summary

- Worked as **Senior Research Fellow (SRF)** at **Technology Information Forecasting Assessment Council (TIFAC)**, Department of Science and technology, Govt. of India.
- **TIFAC** is a technology think tank and an autonomous body under Ministry of Science and technology which prepares the technologies roadmaps for the Govt. of India.
- Engaged with two projects in (TIFAC) one is **Global Technology Watch Group (GTWG)** in which prioritization of technologies available worldwide has been done.
- **Technology Needs Assessment (TNA)** is the second project in which barriers have been find out for implementation of prioritized technologies under (GTWG)
- **2 years of academic research experience as a M.Phil.** research scholar in the field of Operations Research.

Key Engagements

- **Evelyn private solutions limited**

The objective of the project was to analyze the various optimization problems related to marketing management, inventory management, queuing system etc.

1. **Data Review and Assessment:** Evaluate the the existing problem and found relevant and detailed solutions.

TECHNOLOGY STACK: R, Excel, MS-Word

Research Work

Developed qualitative model to understand factors influencing buying behavior of air-freshener.

1- Qualitative Modeling-To identify driving factors for influencing buying behavior of air-freshener by applying **Interpretive Structural Modeling**

Developed model to find out relative efficiencies of Delhi govt. schools

2-Quantitative Modeling-A **Data Envelopment Analysis** approach has been applied to find out relative efficiencies of various schools and further ranking has been done accordingly

TECHNOLOGY STACK: R, Advanced Excel, Lingo

Extra curricular activities

Sports Secretary of Delhi University Student Union(DUSU) [2017-2018]

- Won 1st prize in badminton singles organized by Delhi University.
- National level athlete.
- Have participated in 3 state level tournaments in various sports.

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WORK EXPERIENCE

- Delhi University: 2 years research experience in marketing domain
- 3 months experience as SRF in TIFAC, DST, Govt. of India.

KEY COMPETENCY AREAS

- Mathematical modeling
- Multi-criteria decision analysis
- Visualization
- Data analytics-Descriptive , Predictive
- Documentation

TOOLS : RSTUDIO, Excel, Lingo, AMOS and SPSS

EDUCATION

- Pursuing Ph.D. degree in management, Indian Institute of Foreign Trade (IIFT), Delhi
- M.Phil. degree in Operations, Delhi University
- Master's degree in Applied Operational Research, Delhi University
- Bachelor's Degree in physical sciences, Delhi University

CONFERENCES

- Attended workshop on data analytics held in FIIB, Delhi, 2017
- Inbush-Era World Summit, 2017, Amity University
- Presented research paper in 2nd International Conference of vijnana parishad held in Bundelkhand University, 2018.
- Organized 9th International Conference on Quality, Reliability & Business Operations in University of Delhi, December 2018.

RESEARCH PAPERS

- Examining Enablers to understand buying behavior of air-freshener (Accepted as book chapter in Springer publications, Scopus indexed)
- Data Envelopment Analysis approach to find out relative efficiencies of schools in NCT of Delhi (Accepted :-American Journal of Mathematical and Management Sciences (Taylor & Francis Group)