

Suvechcha Sengupta

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CAREER OBJECTIVE

Seeking a faculty position in a reputed institute and devote my services for the progress of the institute and its students.

CORE COMPETENCIES

- ♦ Excellent Communication Skills and Organisational Ability
- ♦ High-quality research, analytical and problem-solving skills
- ♦ Devising mathematical objects of relationships
- ♦ Ability to deliver lectures and organize educational programs for students
- ♦ Excellent team building and monitoring abilities
- ♦ Good at Logical Reasoning and making inferences

PROFESSIONAL EXPERIENCE

K.J. SOMAIYA INSTITUTE OF MANAGEMENT STUDIES AND RESEARCH, Mumbai, MH

Adjunct Faculty, Operations (Quantitative Techniques), June 2019 - present

- ♦ Subjects assigned for the academic year
 - Business Statistics
 - Operations Research

K.J. SOMAIYA INSTITUTE OF MANAGEMENT STUDIES AND RESEARCH, Mumbai, MH

Visiting Faculty, Quantitative Techniques, 3rd Trimester 2018-2019

- ♦ Conducted lectures for
 - PGDM(Retail Management) - Operations Research
- ♦ Set and evaluated end semester exam papers

NITIE, Mumbai, MH

Fellow Research Scholar and Teaching Assistant, Decision Sciences & Information Systems, 2013 - 2018

- ♦ Appointed Fellow Student Coordinator (Aug 2016 - present)
 - Primary point of contact for communication between the faculty and the fellow community
- ♦ Administration & Management of invigilation duties and admission duties
- ♦ Evaluation of term papers for management students in Statistics & Operations Research
- ♦ Student Volunteer at POMS-2014, an international conference jointly conducted by Production, Operations & Management Society (POMS), USA and NITIE, Mumbai
- ♦ Student Member of Organizing Committee, POMS-NITIE 2015 Practice Leaders Forum, a platform that brought together academicians and industry leaders

ST. XAVIER'S COLLEGE, Mumbai, MH

Visiting Faculty, Department Of Statistics, 4th Semester and 6th Semester 2012-2013

- ♦ Conducted lectures for
 - Descriptive Statistics
 - Continuous Distributions
- ♦ Set and evaluated end semester exam papers

Visiting Faculty, Department Of Statistics, 6th Semester 2014-2015

- ♦ Conducted lectures for
 - Continuous Distributions
 - Regression, Reliability, Time Series
- ♦ Set and evaluated end semester exam papers

EWAC ALLOYS LTD., A LARSEN & TOUBRO COMPANY, Mumbai, MH

Interned in Inventory Management, Jun 2011 - Aug 2011

EDUCATION

NITIE, Mumbai, MH

Fellow (Doctoral) Program (FPM), Jul 2013 - Present (Thesis Submitted)

- ♦ Thesis
 - Title : “Optimizing Value and Entropy for Single and Multi-attribute Games with Applications in Supply Chain Management”
 - Area of Research : Game theory
- ♦ Poster Presentation: ‘Paradigm shift from Conventional Manufacturing to Smart Manufacturing through Industry 4.0’ , Anjali Shishodia and Suvechcha Sengupta, 12th Feb-18th Feb, 2018, National Productivity Week, NITIE

HINDU COLLEGE, DELHI UNIVERSITY, Delhi

Master of Science, Operations Research, 2010-2012

- ♦ College topper during the academic year 2010-2011.
- ♦ Conducted an industry study to identify reasons for non-conversion of potential leads into actual business and providing possible solutions, with Lewis Berger Home Painting Solution. The statistical tools used in the study were:
 - Inferential descriptive stats
 - Cross tab comparisons
 - Factor analysis
 - Chi-square test of independence
 - Non-parametric tests.

ST. XAVIER’S COLLEGE, Mumbai University, Mumbai, MH

Bachelor of Science, Statistics, 2007-2010

- ♦ Winner of a Poster Competition at a Statistics Seminar in 2008
- ♦ Participated in the following workshops:
 - Mathematical culture in ancient India
 - Origami for Mathematics
- ♦ Attended extra-curricular courses on:
 - Time-Series Analysis
 - Clinical Trials
 - Statistics in Management
 - SPSS
- ♦ Conducted a research to study the dependence of a child’s choice of career and their parent’s profession. The statistical tools used in the study are:
 - Chi-square test of independence
 - Mc Nemer’s symmetry test
- ♦ Lead a research project to study the effect of recession on Wipro and Infosys by studying their performance trends before, during and after recession. The study used the following tools:
 - Trend analysis
 - Forecasting

KENDRIYA VIDYALAYA, Mumbai, MH

Scored 80.6%, Std XII, 2007

HIRANANDANI FOUNDATION SCHOOL, Mumbai, MH

Scored 84.83%, Std X, 2005

PUBLICATIONS

- ♦ “Effect of Information in games: A literature review” by Suvechcha Sengupta And Sanjeev C. Panandikar - Communicated
- ♦ “Optimising Value and Entropy for Single attribute Games” by Suvechcha Sengupta And Sanjeev C. Panandikar - Communicated
- ♦ “Optimising Value and Entropy for Multiple Attribute Games” by Suvechcha Sengupta And Sanjeev C. Panandikar - Communicated

CONFERENCES

- ♦ **“Cash less Agro Auction Platform for India”** by Suvechha Sengupta And Sanjeev C. Panandikar, presented in the International Research Conference 2017, 7th & 8th March, conducted by JBIMS, Mumbai, MH
- ♦ **“Entropy Convergence Criterion for Bee Colony Optimisation”** by Suvechha Sengupta And Sanjeev C. Panandikar, presented in the 51st Annual Convention of Operational Research Society of India (ORSI) and International Conference, 16th - 19th December, 2018, jointly conducted by IIT Bombay and ORSI, Mumbai, MH
- ♦ **“Risk Seeking versus Risk Averse: An Evolutionary Game of Scaling Up”** by Suvechha Sengupta And Sanjeev C. Panandikar, presented in the 6th PAN-IIM World Management Conference, 13th - 15th December, 2018, hosted by IIM Bangalore, Bengaluru, Karnataka

TEACHING AND RESEARCH INTERESTS

- ♦ Quantitative Techniques
- ♦ Decision Sciences
- ♦ Operations Research
- ♦ Business Statistics
- ♦ Advanced Statistics
- ♦ Operations Management
- ♦ Game Theory

ADDITIONAL SKILLS

- ♦ Proficient in Microsoft Office (Powerpoint, Outlook, Word, Excel)
- ♦ Functional Knowledge of the following Statistical/Mathematical tools: SPSS, LINGO
- ♦ Functional Knowledge of Languages: SQL, C/C++, Java
- ♦ Participated in social initiatives throughout my college and career
 - Xavier’s Resource Centre for the Visually Challenged - Made a book of mathematical symbols for the visually challenged and extended further help to the visually challenged
 - Mission Swayam Siddha - Empowering underprivileged women financially
- ♦ Keen interest in Performing Arts