

**MANOJ KUMAR**

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Summary of Profile

Dedicated and technically skilled (**B.Tech., ISM Dhanbad, India**) business management (**MBA, ICFAI Business School, Hyderabad, India**) faculty with versatile over **12 years’ experiences** **in teaching and research coupled with industrial** (technical and financial) skills set developed through experiences as engineer, manager and analyst in India and abroad.

Published **04** research papers in **international refereed journals (Ukraine, Czech Republic, Romania, Serbia)** and **04** in national, another **03** communicated in international journals (**South Korea,** **Malaysia and Africa**).

Regularly posting online tutorials on various high end **statistical analyses** using **R/SPSS** along with interpretation of test results

Key Analytics Skills

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| Programming in R  Data Manipulation  Advanced Statistics  Predictive Modeling Techniques  Hypothesis Testing in R & SPSS | Data Exploration with R and SPSS  Data Preparation with R and SPSS  Data Visualization with R and SPSS  Linear Regression in R and SPSS  Logistic Regression in R and SPSS | Factor & Cluster Analysis (K means)  Market Mix Modeling  Market Basket Analysis  Forecasting (ARMA, ARIMA,  SAFRIMA etc) |

Key Software Skills

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| Proficient:  IBM SPSS  R / RStudio  MS Excel | Beginner’s:  Tableau  SAS JMP  Octave | Beginner’s:  Hadoop, Cassandra, Pig™, Spark™,  ZooKeeper™, Ambari™, HBase™,  Hive™ |

Professional Experience

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| **Research – Analytics (Finance and Marketing)** | **2012 to Date** |

Freelance

* Joined various online groups as freelance researcher and blogger
* Developed analytics tutorials and analyses result interpretations
* Currently focused on business analytics with focus on finance/marketing and big data analytics
* Awarded **Distinction in Computing for Data Analysis Certificate** course by Dr. Roger Peng, Johns Hopkins University, USA through Coursera.org
* Recently published in Romania (Journal of Studies in Business and Economics) a research paper on forecasting sugarcane production in India using ARIMA methodology in R and another in Czech Republic (Journal of Financial Assets and Investing) on Factor Analysis using SPSS

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| **Victoria University College, Yangon, Myanmar** | **2013 to March 2014** |

Asst Professor **and HOD - Business**

* Joined VUC Yangon, Myanmar in August 2013 as Head of Department, Business Studies
* I spearheaded the team at VUC to get approval and run courses from EdExcel's HND programs in Business, Engineering, Computing and Health and Social Care.
* Member of team from VUC for tie-up with University of Wolverhampton and CIMA, UK and FPT, Viet-Nam for stronger base to spread better education in Myanmar.

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| **Indus Business Academy, Greater Noida, UP, India** | **2011 to 2013** |

Asst Professor

* Joined IBA Greater Noida in 2011 and currently working as Asst Professor in the area of Operations and Finance
* Convener – Spardha’12 (Annual Fest and Inter-college competitions), IBA 2012
* Session Chair – Financial Re-Engineering, “International Conference on Financial Inclusiveness: Bottom Up Approach, 2013”, IBA 2013
* Guided over 30 students for live projects / SIP
* Published / Communicated 07 research papers (3 national & 4 international) and 01 book review (international)
* Upon invitation, attended Asian Development Bank’s 26th Annual Conference, IEML, Greater Noida.

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| **Lovely Professional University, Jalandhar, Punjab, India** | **2009 to 2011** |

Asst Professor

* Joined, in 2009, LPU Jalandhar at their Lovely School of Business & Administration in the area of Finance and Operations
* Taught and trained over 600 students in various subjects in finance and operations
* Trained over 400 students for various NCFM certifications and guided over 40 students for Capstone Projects

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| **PricewaterhouseCoopers (PwC), Hyderabad, AP, India** | **2009** |

Project Intern (2 months)

* Joined for two months as project intern on a live business advisory and consulting project
* Worked with a team to do Mining Business Valuation of PT Bumi Resources TbK, Indonesia for a major client in India.
* Prepared valuation report and presentations

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| **Kalinga Commercial Corporation, Keonjhar, Orissa, India** | **2007 to 2008** |

Sr. Project Manager

* Joined KCC in 2007as project manager and later promoted to sr. project manager
* Handled Rs. 200 Crores worth iron ore production projects in collaboration with Sandvik (Asia), Sweden
* Completed the projects ahead of planning, controlled and managed working capital, assisted the organization in raising funds through structured financing and liaison with various government bodies such as OMCL, DGMS, MoE, PCB etc

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| **Bramco WLL, Kingdom of Bahrain, Middle East Asia** | **2006 to 2007** |

Asst Manager Projects (Gulf)

* Joined, in 2006, Bramco, a US Firm operating in Gulf (Middle East) Region as Asst Manager Projects
* Was responsible for the project executions, reported to their UK based head
* Over 350 staff from different nationalities directly reported to me
* Visited **Philippines** and other Asian countries on small projects/business

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| **Thiess Contractors (Australia), Indonesia** | **2005 to 2006** |

Plant Sr. Engineer (Planning and Engineering Support)

* Joined Australian Conglomerate in 2005 to work with their projects in Indonesia
* Worked with the team developing the ERP modules in Material Management and Tyre Inventory Management System
* Prepared ISO check lists, Audited Machinery and Plants, evaluated Work Orders and financial papers
* Procurement Management

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| **Zuari Cement Ltd (Italcementi Italy), AP, India** | **2001 to 2005** |

Sr. Engineer (Mechanical)

* Joined Zuari Cement Ltd (Italcementi Group, Italy) in 2001 through campus recruitment as Graduate Engineer training and later promoted to Sr. Engineer Mechanical
* Worked in their Mining Projects in Production and Operations Management
* Major responsibilities included budget preparations, condition based monitoring, maintenance and operations management, purchasing and inventory management
* Was selected as youngest executive member of the board for projects planning, controls and investments
* Distinction of being selected as executive member for Energy Conservation Committee also held the position as Executive Member of Cultural Activities Club.
* Successfully implemented Condition Based Monitoring System on all the equipments
* Conducted workshop on Quality Management System at Industrial Engineering Dept KSRM Engineering College (SV University), Kadapa Distt, AP

Education

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| **Indian School Of Mines (ISM), Dhanbad, India** | **2001** |

B. Tech. (Mining Machinery Engineering)

* CGPA 2.52
* Represented ISM’s Cyber society as head of the society

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| **ICFAI Business School (IBS), Hyderabad, India** | **2009** |

Executive MBA (Finance and Marketing)

* CGPA 7.6
* Worked with Prof. SP Raj and Prof. Amiya Basu (both Syracuse university, USA) on two different projects

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| **NILEM, Chennai, India** | **2005** |

Diploma (ISO 9000 and TQM)

* First Division (66%)

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| **Professional Certifications** |  |

ERP - SAP (MM)

* Certified ERP (MM) Technical Consultant

UGC - NET (Management)

* Qualified in June, 2012 – Teacher’s Eligibility Test (UGC – NET) in Management Stream

UP - CET (MM)

* Qualified in June, 2012 – Uttar Pradesh Common Eligibility Test (UP – CET) registration to PhD in Management

Academic Accolades

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| **Seminars / Workshops** |  |

* Asian Development Bank’s 26th Annual Conference, IEML, Greater Noida
* Session attended:
  + - “Coping with Volatile Capital  Flows” by Institute of International Finance, USA
    - “Asia Financing Series - Funding Infrastructure Within” by Australia & New Zealand Banking Group
    - “Asia - The Road to Becoming a Knowledge Economy” by Asian Development Bank
    - “Funding India's Infrastructure - Opportunities and Challenges” by Moody's International, USA
    - “Innovation for Inclusion” by Ministry of Finance, Government of India
    - “Beyond Factory Asia - Fuelling Growth in a Changing World” by Asian Development Bank
    - “India - Next Wave of Inclusive Growth” by Ministry of Finance, Government of India
    - “Will the Euro Zone & US Economies Derail Asia Pacific's Growth” by Standards & Poor’s, USA
    - “Indian Financial Markets - Fuelling the Growth of the Indian Economy” by Confederation of Indian Industry
    - “Financial Development in Asia” by PwC, USA
* International Conference (IC2013) on Financial Inclusiveness: A Bottom Up Approach”, March 15–16, 2013
* **3rd** Mega HR Conclave: Paradigm shift in HR strategies to enhance customer value, Organized by DMA-IBA, Gurgaon, India 24th November, 2011
* Attended and presented paper on “Maintenance Information System” at National Seminar on Maintenance Engineering, ISM Dhanbad, 2001

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| **Research and Publications** |  |

* “Assessing Financial Health of a Firm Using Altman’s Original and Revised Z-Score Models: A Case of Kingfisher Airlines Ltd (India)”, Journal of Applied Management and Investments (JAMI - ISSN: 2225-3467), Ukraine, March 2103
* "Factors Affecting Tax Payers’ Decisions in Saving Tax by Investing in Tax Saving Bonds: A Study in U.P. State, India", Journal of Financial Assets and Investing [ISSN (online): 1804–509X / ISSN (printed): 1804–5081], Czech Republic
* Communicated “State Road Transport Corporation Service Quality and Satisfaction of Passengers in Agra District of Uttar Pradesh State in India”, International Journal of Transportation, South Korea (ISSN: 2287-7940)
* “Testing of IPO Under Pricing Inefficiency at Dhaka Stock Exchange”, MS Ramaiah Management Review, India (ISSN: 0975-7988), Vol. 3, Issue 2, July – Dec. 2011
* “Analyzing Tax Payers’ Investments Interests in Tax Free Bonds in Uttar Pradesh (West)”, MSR – Management Review (ISSN: 0975-7988), Vol. 4, Issue 2, March 2013
* “Critical Attributes in Service Quality & Passenger Satisfaction: An Empirical Study of UPSRTC in Agra District” AJMR (ISSN: 0974-7028), Sept, 2013.
* **Communicated** “Job Stress and Employee’s Job Satisfaction: A Study on Private Institutions/Universities in North India”
* “Exploring EVA® and Dividend Payout Relation: A Case of Reliance Infrastructure Ltd”, Journal of GNA-IMT (ISSN- 09745726) Vol VIII, NO: 2 (December 2013)
* Published article “Which Groups Will Be Interested in Which Financial Ratios?” on [www.ezinearticles.com](http://www.ezinearticles.com)
* Hyderabad House’s Franchisee Operating Model (An Interview with Mr. Zubair Ahmed, Operations Director, Hyderabad House) - Available at <http://www.ibscdc.org/video-interview/Zubair-Ahmed.asp> and <http://www.youtube.com/watch?v=l1WR4oCmGWI> (clip)
* Manoj Kumar & Dr. A. N. Sinha, “Maintenance Information in Mines using Visual Basic as a tool”- Proceedings of Third Indian Conference on Computer Application in Mineral Industry (ICCAM), March 17-18, 2001, New Delhi
* “Maintenance Information Management”, Proceedings of National Seminar on Maintenance Engineering, Indian School of Mines, Dhanbad, Jan 31 – Feb 01, 2001
* "An Application of Time Series ARIMA Forecasting Model for Predicting Sugarcane Production in India", Accepted - Studies in Business and Economics (ISSN: 1842 - 4120 / E-ISSN: 2344 - 5416) The article is included into the April 2014 number of the magazine, which will appear on REPEC database and will be available exclusively online at http://eccsf.ulbsibiu.ro/tableofcontents.html in May 2014.

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| **Book Reviews** |  |

* Book review of “Marketing Research: A Practical Approach - Authored by Dr. Bonita M. Kolb, Sage Publication: USA”, Serbian Journal of Management (ISSN: 2217-7159), Vol. 8, No. 9, April, 2013

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| **Reviewer / Editor / Articles Reviewed** |  |

* Approved reviewer to Journal of Business and Finance (ISSN: 2305-1825), Pakistan
* Articles reviewed - 03

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| **MDP / FDP / Consulting Projects** |  |

* Attended 3 FDPs at LPU and 4 at IBA Greater Noida
* Consulting Project of business plan for UK based group for a New Business Initiative in Gambia, Africa

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| **Curriculum Development** |  |

* Designed and developed the latest curriculum on Operations Research, Prod & Op Mgmt, Project Financing and Project Mgmt , Corporate Financial Decisions, Business Valuations and SCM
* New course developed in Data Mining

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| **Association / Membership** |  |

* Faculty Professional Membership, APICS, USA
* Faculty Profile Approved and Registered with Harvard University for use of Business Cases & Notes
* PRIMIA, Informs, CBOE

Industrial Accolades

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| **Vocational Trainings** |  |

* Hindustan Motors – PPD, Hosur, India in 2005
* Cummins Diesel Sales & Services, Pune, India in 2003
* Cummins Diesel Sales & Services, Pune, India in 2002
* BIOP 14 & 11C, National Mineral Development Corporation (NMDC), Bailadila, MP, India in 2000

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| **Professional Development Programs** |  |

* Condition Monitoring – Oil & Wear debris Analysis, 16th to 18th September, 2003 at Engineering Staff College of India (A forum Of Institution of Engineers, India), Hyderabad, India

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| **Other** |  |

* Date of Birth : January 29, 1975
* Languages Known : Hindi, English, Telugu, Bengali and Bahasa Indonesia
* Hobbies & Interests : Blogging and Professional Networking
* Passport : J6748159 (Expiry: 09.05.2021) Issued at Ghaziabad, UP, India