



Summary

A faculty in the areas of Business Analytics, Quantitative Techniques, & Operations Management, an Innovative Researcher, Certified Independent Director, Chartered Engineer & Professional Consultant with more than 10 (+) years of rich academic and industry experience, associated with Indian Govt., PSUs, MNCs, Research Institutions, Management Associations in India & at International platforms

Education

- IIT Delhi, PhD
Operations Management (Nov 2016)
- EUI Italy, Certificate
Power Sector Regulations (Feb 2015)
- IIT Delhi, M.Tech
Energy & Environmental Management (August 2010)
- IGNOU, MBA
Operations Mgt. & HRM (June 2020)
- MNNIT, B.Tech
Electrical Engg. (Nov 2004)

Contact

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Languages

English
Hindi

Country Visited

Japan
UAE
Dubai

Academic Experience

Currently working as Assistant Professor of Operations area, QT and Analytics (**Since July 2018**) at one of the well reputed educational system-Bharatiya Vidya Bhavan's (BVB) Usha and Lakshmi Mittal Institute of Management New Delhi. The Institute is recipient of the prestigious "Gandhi Peace Prize" bestowed by the President of India and contributes teaching and learning on Indian ethos in management.

Also engaged as:

- Visiting faculty (MBA Ex. Batches), taught MBA executive batches, Faculty of Management Studies, University of Delhi
- Visiting faculty (MBA Ex. Batches), taught MBA students at Birla Institute of Management Technology Greater Noida, and
- Visiting faculty (MBA Ex. Batches), taught at Great Lakes Institute of Management Gurgaon

Previously worked as Guest Faculty/ Postdoctoral Research Associate at TERI University New Delhi/ School of International Studies, JNU New Delhi, and Power Management Institute, NTPC Noida.

Industry Experience

More than 8 years of industry experience; PMI NTPC Ltd. (2013-14), Delhi Delhi Electricity Undertaking (2010-11), IIT Kanpur (2010), BEE, Ministry of Power, Govt. of India (2008-10), Deloitte (2008), BSES (2008-06), Delhi Metro Rail Corporation Ltd (2005-06) etc.

Courses Taught

Operations Management, Business Analytics, HR Analytics, Supply Chain Management, Operations Research, Quantitative Techniques, MIS, Quality Management, Project Management, Research Methodology, & Business Statistics etc

Experience

Organization	Job Responsibilities
<p>Bharatiya Vidya Bhavan's Usha & Lakshmi Mittal Institute of Management New Delhi (Full time since July 2018)</p>	<p>Position: Assistant Professor (<i>Operations, Business Analytics, QT & Decision Sciences</i>)</p> <p>Responsibilities:Currently teaching Operations Area Courses to full time and part time students of PGDM programme:</p> <p>Teaching Courses:Business Analytics, HR Analytics, Production and Operations Management, Operations Research, Operations Strategy and Research Methods in Business, etc., through pedagogical approaches of lecturing, case study discussion, readings, and Socratic debate etc.</p> <p>Coordinator (IQAC), Member (Entrepreneurship and Innovation Committee) & Convener (Proposed Institute Innovation Council set up at BVB by MHRD, Govt. of India) and Coordinator (Centre for Excellence in Innovative Energy Solutions) and Academic engagement: Guiding and mentoring students on projects, final dissertation, research work, BoPP projects, Summer Internship, and assistance in grading and feedbacks to students etc. Responsibilities also includes : Research and Consultancy</p>
<p>School of Advanced Studies TERI University New Delhi (January 2018- May 2018)</p>	<p>Position: Guest Faculty(<i>Operations Management</i>)</p> <p>Responsibilities:Taught a course on production & operations management to full time students under MBA programme (Business Sustainability) using pedagogical approach of reading, Socratic debate, undertaking case studies, Other responsibilities completed: Minor & major exams, evaluation of answer sheets, grading, and given performance feedback to students</p>
<p>School of International Studies JNU New Delhi (July 2017- Jan 2018)</p>	<p>Position: Research Associate (Post doctorate)</p> <p>Responsibilities: Assisted a multi disciplinary research study focused on O&G sector of India: Study titled <i>India's Energy Security: Inter-regional Cooperation to Energy Security Society</i>, funded by FIPI New Delhi to JNU covered resource ownership using O&G in five major countries of Southeast Asia, sought equity development through multilateral participation, policy cooperation in the region to support India's energy security</p>
<p>Teesta Urja Limited (A Govt. of India & Govt. of Sikkim Enterprise) Sikkim (Feb. 2017-May 2017)</p>	<p>Position: Academic Trainer (<i>Operations</i>)</p> <p>Responsibilities: Provided consultancy for capacity building of Teesta Urja Limited (TUL) (A Govt. of Sikkim and Govt. of India Enterprises) for development of hydro energy project, the project of strategic importance on energy security, utilization of manpower State and skill development to India at Mangan district of Sikkim state</p> <p>Trained hydro power sector professionals on development of their engineering & management aptitudes. Given overview of operations management and demonstrated practical solutions to complex problems related to hydro energy generation in the context of sustainable energy generation, environment degradation and present context variability in climate change</p>
<p>Power Management Institute NTPC Limited Noida (July 2013- June 2014) Under Sr. Research Fellowship of NTPC Ltd. (A Govt. of India Enterprise)</p>	<p>Position: Sr. Research Fellow (<i>As a part of PhD work</i>)</p> <p>Responsibilities: Worked on research project on the topic of <i>Life Cycle Costing (LCC)</i> in search of Better Investment Decisions for Energy Options.</p> <p>Examined and benchmarked estimation of renovation and modernization cost, and environment protection cost across all the coal based power plants, presented findings to the commercial department, corporate planning and higher management. Integrated model was developed based on LCC and RoA modeling (to address short terms risks). The research work published as "<i>Sustainable coal consumption and energy production in India using life cycle costing and real options analysis</i>" in Int. Journal of Sustainable Production & Consumption during 2015 (<i>Elsevier</i>) and received Emerald Literary Award (2017). In addition, also conducted workshops nationally and internationally, assisted the supervisor at PMI in conducting in house training and helped for MBA curriculum development</p>

Experience

<p>Delhi Electricity Distribution Company (BSES Rajdhani Power Ltd.) New Delhi (June 2010 - July 2011)</p>	<p>Position: Assistant Manager (<i>Energy Purchase</i>)</p> <p>Responsibilities: Execution of long term power purchase agreements, preparation of comments on technical DPRs, electricity tariff verification, sale and purchase of energy with long-terms stakeholders: monitoring with Ministry of Power, GoI, PSUs, under the Ministry, transmission utilities, preparation of petition comments to CERC/DERC, verification & bilateral exchanges etc.</p>
<p>Industrial & Engineering Department IIT Kanpur (January 2010- March 2010)</p>	<p>Position: Project Engineer</p> <p>Responsibilities: Research on The Forum of Regulators (FOR) programme of Ministry of Power, Govt. of India. The project study focused on harmonization, coordination and ensuring uniformity of approach amongst the Electricity Regulatory Commissions across the country, in order to achieve greater regulatory certainty in the electricity sector</p>
<p>Bureau of Energy Efficiency MoP Govt. of India New Delhi (October 2008 to January 2010)</p>	<p>Position: Project Engineer</p> <p>Responsibilities: Standards and Labeling (S&L) Scheme implementation, National educational programme on enhanced energy efficiency, check testing, testing results verification, monitoring with BIS & NABL accredited labs (EE standards and policy implementation, standards enforcement & regulation compliance) etc.</p> <p>Standards and Labeling (S&L) scheme in India works on a model which provides information related to energy efficiency of the product on the label as prescribed in the respective product regulation, statutory order and/or schedule issued by the Bureau of energy efficiency (BEE)</p>
<p>Deloitte Touché Tohmatsu India Pvt. Limited New Delhi (April 2008- September 2008)</p>	<p>Position: Assistant Manager</p> <p>Responsibilities: Provided consultancy for registering wind power plants under Clean Development Mechanism of UNFCCC, Development of PPD & PCN documents, assessing feasibility, financial viability of the projects, CERs calculation & verification, pre- feasibility and viability assessment, assisted in obtaining project clearance from MoEF, Govt. of India for host country approval and finally registering project with UNFCCC. *Wind power project reg. under clean development mechanism of Kyoto Protocol (<i>UNFCCC framework of climate change</i>)</p>
<p>Delhi Electricity Distribution Company New Delhi (October 2006 to March 2008)</p>	<p>Position: Assistant Manager</p> <p>Responsibilities: Worked with power planning group managed by Delhi Power Procurement Group and distribution companies, long and short term planning and operations in electricity distribution (hands on exp. in <i>real time SCADA system</i>), Execution of long term power purchase agreements, energy trade and planning for part of Delhi, preparation of comments on technical DPRs, tariff verification , sale and purchase of energy with long terms customers like NTPC, NHPC, PGCIL (CTU), Delhi STU, preparation of comments on CERC /DERC, verification of energy bills & bilateral exchanges etc.</p>
<p>Delhi Metro Rail Corporation Limited (A joint venture of Govt. of India & Govt. of Delhi) (Feb. 2005 to September 2006)</p>	<p>Position: Metro Station Manager/ Controller (Operations)</p> <p>Responsibilities: Metro station operations, Overall operations in-charge of a metro station, monitoring with operations control centre (OCC), Station control equipments, supervising and controlling of automatic fare collection(AFC) systems, verification of revenue collection on daily basis, monitoring fire protection system, rescue operations related to electrical panels, station inspection, handling faults and monitoring train movements operations electronically etc.</p> <p>Under Delhi metro master plan 2021, DMRC operates services through trains and Operates metro stations for public service where operations are complex to manage.</p>

Publications

Working paper

Soni V., et al.,(2020) “Managing disruptions in education sector” *International Journal of Educational Administration, UK. (Emerald Publishing: Ready to communicate)*

Soni, V., et al. (2020), “Entropy of Water Security for Social Inclusion” (A Water Security Perspective of Indian Case Study)", *International Journal of Climate Change and Strategy Management. (Emerald Publishing: Ready to communicate)*

Soni V., et al. (2020), “Economic performance, and macroeconomic indicators of energy security”, *Energy Policy. (A Category on ABDC ranking) (Elsevier Publishing, United Kingdom)*

Under review / In-press

Soni V. (2021), “The romance of leadership: Circularity infusion into SMEs using umbrella framework” *Journal of Business Research (A Category on ABDC ranking) (Under review) (Elsevier Publishing, United Kingdom)*

Soni V. et al., (2021), “Oil and Gas equitable and sustainable production sharing: a black and white scenario analysis” (A Energy Security Study of Oil and Gas Sector of India)” *Applied Energy (A Category on ABDC ranking) (Comments re-addressed and under consideration with editorial desk) (Elsevier Publishing, United Kingdom)*

Soni V. et al. (2021), “Factoring as a financial service for post-crisis economic revival: An emerging markets perspective”, *Journal of Indian Business Research (ABDC ranking) (Comments addressed, under review). (Emerald Publishing, United Kingdom)*

Soni V. (2021), “Catalyzing Higher Education for Industrial Disruptions”, *Technology Analysis & Strategic Management” (B Category on ABDC ranking) (Comments addressed, with editor for final decision) (Taylor & Francis Group, Oxfordshire, United Kingdom).*

Published papers

Soni V. (2020), “Creating Public Services 4.0 - Sustainable Digital Architecture for Public Services in India”, *Indian Journal of Public Administration, IIPA Publications, Vol 66, Issue 3, pp. 327-342. (Sage Publications, In-press).* (The Indian Journal of Public Administration was launched in 1955 by the Indian Institute of Public Administration, New Delhi, which in turn was founded in March 1954 under the Presidentship of the first Prime Minister of India, Jawaharlal Nehru)

Authorship acknowledgement: Malhotra C., Anand R, & Singh.S. (2017), “Applying big data analytics in governance to achieve sustainable development goals (SDGs) In U.M Munshi., & N. Verma (Eds), *India In Data Science Landscape Towards Research Standards and Protocols (2017). Singapore, SG: Springer International Publishing AG. (Published)*

Soni V. et al., (2019), “Managing the challenges of project management: A case study of the oil industry, A chapter published in the book titled *Indian Business: Understanding a rapidly Emerging Economy, (Taylor and Francis Group), Routledge, London (e book ISBN: 9781315268422).*

Anand R., Medhavi S., Soni V., Malhotra C., & Banwet D.K. (2018), “Transforming information security governance in India (A SAP-LAP based Case Study of IT Policy and e-Governance Implementation)”, *Information and Computer Security, Vol. 26, No.1, pp. 118-142. (Emerald Publishing, United Kingdom).*

Publications

Published paper

Soni V., Dey P.K, Anand R., Dash A.P, & Banwet D.K. (2017), "Quantifying e-Governance efficacy towards Indian–EU strategic dialogue", *Transforming Government: People, Process and Policy*, Vol. 11, No.4, pp.535-571. (Emerald Publishing, United Kingdom).

Soni V., Dey P.K, Anand R., Malhotra C., & Banwet D.K. (2017), "Digitizing grey portions of e-Governance", *Transforming Government: People, Process and Policy*, Vol. 11, No. 3., pp. 419-455.(Emerald Publishing, United Kingdom).

Soni V., Singh S.P., Banwet D.K., (2017), "Enlightening grey portions of energy security towards sustainability", *International Journal of Energy Sector Management*, Vol. 11, No. 1., pp. 118-142. (Emerald: Publishing, United Kingdom)

Soni V., Singh S.P., Banwet D.K., (2016), "Systematic inquiry for energy security and sustainability (A case study approach for India using SAP-LAP framework)", *Journal of Advances in Management Research*, Vol. 13, No. 3, pp. 352-367. (Emerald: Published, United Kingdom)

Soni V., Singh S.P., Banwet D.K., (2016), "Sustainable coal consumption and energy production in India using life cycle costing and real options analysis." *Sustainable Production and Consumption*, Vol. 6, pp. 26-37. (Elsevier: Published)

Soni, V., Singh S.P., Banwet D.K., (2016). "Precise decisions in Indian energy sector by imprecise evaluation." *International Journal of Energy Sector Management*, Vol. 10, No. 1., pp. 118-142. (Emerald: Publishing, United Kingdom)

Soni V., Dash, A.P., Singh S.P., Banwet D.K., (2014). "Life cycle costing assessment in thermal and solar power plants in India." *Global Journal of Management & Business Research*, Vol. 14, No. 1, pp. 43-54. (Published by Global Journals, USA)

Soni V., Singh S.P., Banwet D.K., (2013). "Co-integration and casualty analysis in assessing sustainability and security in Indian energy sector." *Global Journal of Management & Business Research*, Vol. 13, No. 4, pp. 37-47, USA(Published by Global Journals)

Soni V., Singh S.P., Banwet D.K., (2012). "An application of AHP: A Case of accredited check testing laboratories under standards and labeling programme in India." *European Journal of Management*, Vol. 12, No. 2, pp. 15-21. (Published by IABE, USA)

Soni V., Singh S.P., Banwet D.K., (2012). "An application of ISM: A case of accredited check testing laboratories under standards and labeling programme in India." *Journal of International Management Studies*, Vol. 2, No. 3, pp. 180-117. (Published by IABE, USA)

Published articles in national magazines / Interview article

Soni V. (2020), "Observation and Expectation from Indian Power Sector", *Electrical India*, Vol. 60, No. 9, pp. 40-43. (ISSN No. 0972—3277). (Chary Publications Mumbai, India)

Soni V. (2020), " Net - Metering Regulatory avenues of the solar supply chain and business models (Part –I)", *Electrical India*, Vol. 60, No. 7, pp. 32-34. (ISSN No. 0972—3277). (Chary Publications Mumbai, India)

Soni V. (2020), " Net-Metering Regulatory avenues of the solar supply chain and business models (Part –II)", *Electrical India*, Vol. 60, No.6, pp. 40-43. (ISSN No. 0972—3277). (Chary Publications Mumbai, India)

Soni V. (2011), "Check Testing of BEE star labeled equipment appliances: Backbone of Standards & Labeling Scheme", *Cooling India*, Vol. 7, No. 4, pp. 86-93. (Chary Publications Mumbai, India)

Soni V. (2011), "Energy Security: Sustainable Measures", *Electrical India*, Vol. 51, No. 11, pp. 260-266. (Chary Publications Mumbai, India)

Professional Activities

Workshops

Recently conducted webinar during Covid-19 period on

- a. Energy Regulations Webinar: Challenges to Energy Regulations beyond Corona 2020 for IEEE-UP Section at MNNIT Allahabad. (**May 2020**)
 - b. 3Rs of Covid-19: Reverberations, Remedies & Revival: India's Preparedness on Financial Loss to Corporate/ Businesses for internal Mangement Faculty and Students (**April 2020**)
 - c. Managing Business Operations for Revitalizing MSMEs for Quality Council of India, for National Accreditation Board for Education and Training NABET (**Sep 2020**)
- Participated in various workshops and conference at training institutes of power sector (from July 2013 to June 2014).
 - Provided assistance in various MDP on Life Cycle Management and Risk Management focused on Indian Energy and Power Sector at Power Management Institute, NTPC Limited, during LCC project completed (from July 2013 to June 2014). During the same period, also assisted in various in-house training programmes for Sr. Level executives of NTPC's on India's power sector management.
 - Conducted MDPs to various in-house training requirement of NTPC's manpower on India's power sector management (from July 2013 to June 2014).
 - Provided assistance in various national and international workshops and conferences conducted across more than 37 cities related to Standards and Labeling Proggamme, Energy Efficiency, Climate Change, organized by Bureau of Energy Efficiency (BEE), Ministry of Power, Govt. of India.

Seminars

- Presented a paper on LCC of Hydro Project at International Conclave titled on Data Analytics, Business Intelligence, Action Research and Cases in Power and Energy Sector at Canadian University of Dubai, Dubai, UAE during 2014.
- Trained more than 3000 people on Energy Efficiency under the National Mission Plan for Enhanced Energy Efficiency of National Action Plan for Climate Change.
- Presented India's status of S&L Scheme on behalf of BEE, Ministry of Power, Govt. of India, at Institute of Energy Economics (IEEJ) Tokyo Japan during the year 2009.
- Assisted Ph.D supervisor and Sr. faculty members in conducting MDP at Department of Management Studies, IIT Delhi during the Ph.D programme (July 2011 to July 2016).

Received short term industrial trainings focused on Energy and power sector, other allied areas from reputed government firms, training, & research institutions. Few of them were focused on Large Electrical Machines, Circuit Breakers, Small Hydro Power Plants, HVAC Systems, SPSS and Management Tools. Also actively participated in various national forums of Energy, short term conferences/ workshops focused on Policies and Regulations, Energy Security, Power Sector Regulations, Power Management, Strategic Intelligence, Sustainable Operations Management, Effective Decision Making: Concepts, Models and Practices, Inter-regional Cooperation for Energy Security Capacity Building and Right to Information Act as per Govt. of India Rules.

Consulting Engagement

- Provided consultancy for capacity building of Teesta Urja Limited (TUL) (A Govt. of Sikkim and Govt. of India Enterprises)
 - a. Role: Consultant, with the objectives of training hydro power sector professionals on development of their engineering & management aptitudes (operations management and demonstrated practical solutions to complex problems related to hydro energy generation).
 - b. The project is of strategic importance on energy security, utilization of manpower State and skill development to India at Mangan in the district of Sikkim state.
 - c. Also provided an overview of in the context of sustainable energy generation, environment degradation and present context variability in climate change.
- Currently engaged as professional trainer to a Miniratna Schedule- "A" Company under the Administrative Control of Ministry of Power, Govt. Of India, and acting as consultant for catering the training facilitation requirements in various domains (technical/ non-technical/behavioral etc) for 2020-21 & 2021-22 for compnaiy's HRD Center, Rishikesh.

Professional activities, honors, awards, and fellowships

Activities

- Member (Prov): Editorial Advosry Borad (Int. Journal of Energy Sector Management (Emeral, UK)
- Academic Reviewer: Associated with following international journals as reviewer:
Journal of Clear Production (*Elsevier Publishing, UK*), Transforming Government: People, Process and Policy (*Emerald Publishing, UK*), International Journal of Energy Sector Management (IJESM) (*Emerald Publishing, UK*), Global Journal of Flexible Systems Management (Springer Publications), International Journal of Production Research (Taylor and Francis UK), Journal of Advances in Management Research (JAMR) (*Emerald Publishing, UK*), Journal of Institution of Engineers (India): Series-B, IEI (Kolkata) & Open Journal of Energy Efficiency (Scientific Research: An academic publisher)
Accredited as academic counselor for Management Programmes (Courses: operations management, and project management) at IGNOU New Delhi/ Acts as Mentor/ Guide to management students for shaping their career and to design units on Inventory Management.

Currently engaged for knowledge sharing, acting as research contributor (as life member) with select leading professional bodies/ societies working in fields of research, education administration, and management education.

- Indian Institute of Public Administration, New Delhi (*Prov.*)
- All Indian Management Association (AIMA) & Delhi Management Association (DMA) New Delhi
- National Solid Waste Association of India, Mumbai.
- Institute of Engineers India (Kolkata), West Bengal & Government of India, Indian Science Congress Association (ISCA) Kolkata
- Indian Society of Training and Development (ISTD) New Delhi
- Indian Institute of Industrial Engineering (IIIE) Mumbai
- Solar Energy Society of India (SESI) New Delhi &
- Nuclear Society of India (NSI) Mumbai & GIFT Society New Delhi
- Also *Certified Independent Director, MoCA, Govt. of India, & Chartered Eng.(IEI Kolkata)*

Awards

- Awarded PhD research grant from MHRD, Govt. of India to IITs for completing PhD in Management discipline at IIT Delhi.
- Awarded of Sr. Research Fellow Scheme, NTPC Ltd. for the year 2013-14: Successfully completed research objectives and milestones to assess conventional and non-conventional power projects in India based on LCC approach: A sustainable thinking concept.
- Awarded of Sr. Research Fellow Scheme, NTPC Ltd. for the year 2015-16.
- Awarded Emerald Literati Network Awards for Excellence (2017) by Emerald Publishing, United Kingdom, under the category of Highly Commended Paper, for the paper titled *Precise decisions in Indian energy sector by imprecise evaluation*, published in International Journal of Energy Sector Management.

Community and Other Services

- Actively engaged with student community (off line as well as online) for helping their understanding of use of management education in their lives.
- Acts a mentors not only for educational programmes but for supportive good idea generation.
- Providing help in inspiring the student community to contribute in whatever way they can.
- Provide students a sense of charity as contagious part of educational learning.
- Help students in becoming a good human beings through hearing management stories of selflessness and sacrifice.

Extra-Curricular Activities: *Modern Paintings, Sketching, Interior Designing and Calligraphic Work.*

REFERENCES:

- Prof. (Dr.) D.K. Banwet, Emeritus Professor, IIT Delhi
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- Prof. (Dr.) A.P. Dash, Dean & Professor, NSB Noida
(Email: dr.apdash@gmail.com; Mobile : 9650991299)