

## CURRICULUM VITAE

**Krishan Kumar Pandey, Ph.D. (Statistics)**

**Professor & Director, Office of Doctoral Studies, O. P. Jindal Global University, Sonipat Narela Road, Near Jagdishpur village Sonipat, Haryana-131001, NCR of Delhi, India,**

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**Official website :** <http://www.jgbs.edu.in/krishan-kumar/>

**Google Scholar:** [https://scholar.google.co.in/citations?user=He\\_B\\_2AAAAAJ&hl=en](https://scholar.google.co.in/citations?user=He_B_2AAAAAJ&hl=en)



### PUBLICATIONS (INTERNATIONAL / NATIONAL)

- **Tanushree Sharma & Krishan. K. Pandey (2019)** “[What Oils the Wheels of Electricity Theft: Perspective of Indian Discoms](#)” Proceedings of 11<sup>th</sup> International Conference on Applied Energy, Västerås, Sweden, Vol. 5, part 4. Paper ID:1042.
- **T. Joji Rao & Krishan K. Pandey (2019)** “[Renewable Purchase Obligations \(RPO\) Mix Determination: A Case of West Bengal, India](#)”, Proceedings of 11th International Conference on Applied Energy, Vasteras, Sweden, Vol. 5 part 4, Paper ID: 1036.
- **Krishan K. Pandey & Harshil Rastogi (2019)** “[Effect of energy consumption & economic growth on environmental degradation in India: A time series modeling](#)”, Elsevier, Energy Procedia, Volume 158, February 2019, Pages 4232-4237, Science Direct Elsevier.
- **B. S. Negi, K. K. Pandey, Neha Sehgal ( 2017)** “[Renewables, Shale Gas and Gas Import- Striking a Balance for India](#)” Energy Procedia 105 (2017) 3720 – 3726, Science Direct Elsevier.
- **Namita Pragya, Krishan K. Pandey (2016)** “[Life cycle assessment of green diesel production from microalgae](#)”, Renewable Energy, Elsevier volume 86, February 2016, Pages 623–632. (Impact factor 5.257).
- **Tanushree Sharma, K.K. Pandey, D.K. Punia, Joji Rao (2016)** “[Of Pilferers and Poachers: Combating electricity theft in India](#)” Energy Research & Social Science, Elsevier, volume 11, Jan 2016, pp 40-52. (Impact factor 5.525).
- **Neha Sehgal, Krishan K. Pandey (2016)** “[Biogas from Household Waste in Rajkot: A Feasibility Analysis](#)”, Elsevier, Energy Procedia, CUE2016-Applied Energy Symposium and Forum 2016: Low carbon cities & urban energy systems.
- **Neha Sehgal, Krishan K. Pandey (2016)** “[Indian Data Centers Assessment: Modeling Scenarios Using Leap](#)”, International Environmental Modelling and Software Society (iEMSs) 8th International Congress on Environmental Modelling and Software Toulouse, France, Sabine Sauvage, José-Miguel Sánchez-Pérez, Andrea Rizzoli (Eds.)

- **Neha Sehgal, Krishan K. Pandey (2016)** “ Modeling Scenarios to Greenify Indian Data Centers”, Elsevier, Energy Procedia, CUE2016-Applied Energy Symposium and Forum 2016: Low carbon cities & urban energy systems.
- Tomar M., **Pandey Krishan K.** & Punia D.K., (2016) “[Customer Engagement on Social Media: Understanding the Functional Perspectives of Social Media Towards Customer Engagement.](#)” International Journal of Marketing and Human Resource Management, 7(3), 2016, pp. 60–63.
- **Neha Sehgal, Krishan K. Pandey (2015)** “[Artificial intelligence methods for oil price forecasting: a review and evaluation](#)”, **Energy Systems, Springer**, Pages 1-28 May 2015.
- Neha Sehgal, **Krishan K. Pandey (2015)** “[The Drivers of Oil Prices– A MI3 Algorithm Approach](#)”, **Elsevier, Energy Procedia**, Volume 61, Pages 509-512 Jan 2015.
- Neha Sehgal, **Krishan K. Pandey (2015)** “[Aftermath of 2008 financial crisis on oil prices](#)” 7th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management (IC3K), Volume: 01, Pages: 235 – 240, **IEEE Conference Publications.**
- V. Ananda Kumar, **Pandey Krishan K.** & Punia, D.K. (2015) "Culture and Cyber Security" Journal Indian Journal of Criminology & Criminalistics, National Institute of Criminology and Forensic Science under Ministry of Home Affairs, July-Dec 2015, No. 2, ISSN 0970-4345.
- Tomar M., **Pandey Krishan K.** & Punia Devendra K. (2015) “[A Study on critical issues existing between social media and brand engagement](#)” International Journal of Advance Research in Science and Engineering” special issue (02) Feb 2015 pp 830-835. (Impact factor 1.142),
- Tomar M., Sengupta A., **Pandey Krishan K.** & Punia D.K. (2015) “[Revisiting Social Media Review of Various Perspectives for Modern Era Marketing](#)” International Journal of Advance Research in Science and Engineering (IJARSE), ISSN 2319-8354(E), Vol. 4, Special Issue No. 1, PP: 1661 - 1666.
- Kapoor K, **Pandey Krishan K.**, Jain A.K. & Nandan, A. (2014) “[Evolution of Solar Energy in India: A review](#)” **Renewable and Sustainable Energy Reviews (RSER)**, Elsevier Volume 40, December 2014, Pages 475-487 (Impact factor 11.239).
- Bag, S., Anand N. & **Pandey, K.K. (2014)** “[A Framework for the Analysis of Sustainable Supply Chain Management: an Insight from Indian Rubber Industry](#)” Journal of Supply Chain Management Systems (ISSN Number: 2277-1387), Vol., 3 Issue 1.
- Kalyani, K. A. & **Pandey, Krishan K. (2014)** “[Waste to energy status in India: A short review](#)” **Renewable and Sustainable Energy Reviews, Elsevier.** Volume 31, March 2014, Pages 113-120 (Impact factor 11.239).
- V. Ananda Kumar, **Pandey Krishan K.** & Punia, D.K. (2014) “[Cyber Security threats in the Power Sector: Need for a domain-specific regulatory framework in India](#)”, **Energy Policy**, Volume 65, February 2014, Pages 126-133, **Elsevier** (impact factor 5.458).
- Roy, N.C; **Pandey K. K;** Gupta S. (2014); “[Risk Analysis in operational stage small hydropower project a stochastic approach](#)”. International Journal of latest technology in Management, Engineering & Applied science, III (VIII)17.

- Mishra, L.K., Tiwari A. K.& **Pandey, Krishan K (2014)** “[Business Viability of off Grid Hybrid Biomass model over on Grid Solar Generation for RE in Developing countries](#)” International Journal Of Engineering Sciences & Research Technology (IJESRT), 3(4): September 2014, ISSN: 2277-9655, Scientific Journal Impact Factor: 3.449, (ISRA), Impact Factor: 1.852
- Mishra, L.K., Tiwari A. K.& **Pandey, Krishan K (2014)** “[A Comparative Assessment Of Energy Management System And Strategies In Kanpur City Of Uttar Pradesh: A Bottom-Up Distributed Generation Approach](#)”, International Journal of Advanced Research in Management (IJARM), ISSN 0976 – 6324 (Print), ISSN 0976 - 6332 (Online), Volume 5, Issue 4, July-August (2014), pp. 32-47, Journal Impact Factor (2014): 5.4271 (Calculated by GISI)
- V. Ananda Kumar, **Pandey Krishan K.** & Punia, D.K. (2013) “[Facing the Reality Of Cyber Threats In The Power Sector](#)” White Paper published by **Wipro Ltd.**
- Rao, T.J. & **Pandey, Krishan K. (2013)** “[Risk Management in General Insurance Business in India](#)”, The IUP **Journal of Financial Risk Management**, Vol. 10 No. 3, pp.62–82.
- Rao, T.J. & **Pandey, Krishan K. (2013)** “[A Study on Factors Influencing Claims in General Insurance Business in India](#)”, **Journal of Risk Finance**, Emerald, Vol. 14 Issue: 3, pp. 303 – 314.
- Namita, P., **Pandey, K.K.** & Sahoo, P.K. (2013) “[A review on harvesting, oil extraction, and biofuels production technologies from microalgae](#)” **Renewable and Sustainable Energy Reviews**, vol. 24, Pp. 159–171, Elsevier (Impact factor 11.239).
- P. K. Rai & **K. K. Pandey (2013)**, “[Synthetic estimators using auxiliary information in small domains](#)” **Statistics In Transition-new series**, Spring 2013, Vol. 14, No. 1, pp. 31–44.
- **Pandey, Krishan K.** Vyas Y. & Pandey, R.K. (2012). “[Handoff Management for Integrated Wireless Mobile Networks](#)” **International Journal of Mobile Communication & Networking**, Volume 3, Number 1, pp. 1-15, ISSN 2231-1203.
- **Pandey, Krishan K.**, Pragma, N. & Sahoo, P.K. (2011), “[Life cycle assessment of small-scale high-input Jatropha biodiesel production in India](#)” **Applied Energy**, Elsevier, Vol. 88, issue 12, pp. 4831-4839. (Impact factor 8.558).
- **Pandey, Krishan K.** & Rai, P.K. (2011). “[Effect of Change of Major Health Determinants on Health Status through Change of Health Indicators in the Society](#)”, **Journal of Economics and Commerce**, Varanasi, vol. 2, No. 01, pp. 18-25. ISSN No. 0976-9528.
- Sah, A.N. & **Pandey, Krishan K. (2011)**.“[Hedging Effectiveness of Index Futures Contract: The Case of S & P CNX Nifty](#)” **Global Journal of Finance and Management**, Volume 3, Number 1, pp. 77-89.
- **Pandey, Krishan K.** & Tikkiwal, G.C. (2010), “[The Generalized class of composite method of estimation for crop acreage in small domain](#)”, **International Journal of Statistics and Systems**, Vol. 5, No. 3, pp. 319-333.
- **Pandey, Krishan K.** & Tikkiwal, G.C. (2010), “[Generalized class of synthetic estimators for small area under systematic sampling design](#)” **Statistics in Transition- New Series**, Poland, Vol.11 No.1, pp. 75-89.
- Tikkiwal, G.C. & **Pandey, K.K. (2007)**. “[On synthetic and composite estimators for small area estimation under Lahiri- Midzuno sampling scheme](#)”, **Statistics in Transition- New Series**, Poland, Vol. 8, No. 1, pp. 111-123.

## BOOK (PUBLISHED)

- Bag, S., Anand, N. and Pandey, Krishan K. (2016), '[Supply chain management model for sustainable manufacturing practices](#)' in Khan, M. (ed). [Green Supply Chain Management for Sustainable Business Practice](#), by IGI Global, page 153-189, DOI: 10.4018/978-1-5225-0635-5.ch006, ISBN10: 1522506357.
- Book published by VDM Verlag Dr. Muller GmbH & Co. KG, Germany (2010) titled "[Aspects of small area estimation using auxiliary information](#)" (ISBN: 978-3-639-31569-1).
- Book published by VDM Verlag Dr. Muller GmbH & Co. KG, Germany (2011) titled "[Handoff Management for Integrated Wireless Mobile Networks: An overview of Preemptive and Priority Reservation Handoff Scheme](#)". (ISBN: 978-3-639-33521-7).

## PROJECTS & CONSULTANCY

- Working on the JGU funded project titled "Energy efficiency and CO<sub>2</sub> mitigation potential of Data Centers in India"
- Worked as a consultant for sutra consulting for world bank & government of Uttarakhand funded project related to planning, implementation, and monitoring of Uttarakhand Decentralized Watershed Development Project Phase-II (UDWDP-II)
- Cost Estimation & Benchmarking for Power Distribution Companies In India, January 2013 to April 2014

## INTERNATIONAL ASSIGNMENT

- International assignment for teaching MBA Aviation Management Industry Students from all over the world in collaboration with the University of Applied Sciences Frankfurt (FH FFM), Germany. (<http://www.aviation-mba.in/indian-faculty.html>)

## ACADEMIC & INDUSTRIAL EXPERIENCE

- **Professor & Director "Office of Doctoral Studies" at O.P. Jindal Global University (JGU)**, April-2018 – Present, Streamlining Ph.D. program across all the schools at JGU, and develop a strong research base culture, Research Promotion, Training & Development.
- **Professor & Vice Dean at O.P. Jindal Global University (JGU)**, January 2016 – 31 March 2018, Academic Planning, Monitoring, Mentoring, Research Promotion, Training & Development.
- **Sr. Associate Professor & Head of Decision Sciences at University of Petroleum and Energy Studies (UPES)**, July 2014 - December 2015 (1 year 6 months) Academic Planning, Academic Monitoring, Faculty Mentoring, Research Promotion, Training & Development
- **Assistant Dean (Research) & Associate Professor at University of Petroleum & Energy Studies, Dehradun**, July 2012 - July 2014 (2 years 1 month), Coordinate various research initiatives and activities for College of Management & Economic Studies, Dehradun, along with Teaching and research.
- **Associate Professor at University of Petroleum & Energy Studies, Dehradun**, July 2011 - June 2014 (3 years), Teaching Quantitative techniques (QT), Research Methodology (RM) in the Oil & Gas Management, Aviation Management, Power Management, Port & Shipping Management, and Infrastructure Management. Guiding the

research projects of the future managers in the field of Oil & Gas Management, Aviation Management, Power Management, Port & Shipping Management, and Infrastructure Management.

- **Assistant Professor (SG) at University of Petroleum and Energy Studies**, August 2008 - June 2011 (2 years 11 months),
- **Assistant Professor at Banasthali University**, June 2005 - August 2008 (3 years 3 months) worked as a faculty member in Aapa Ji Institute of Mathematics & Applied Computer technology (AIM & ACT),
- **Quality Controller & Statistician. at Alcobex Metals Limited India**, August 2004 - June 2005 (11 months), Worked in Alcobex Metals Limited, Jodhpur. (Manufacturers of Non-Ferrous Extrusions, Rods, Pipes, Tubing and Profile Sections in Rajasthan) as a quality controller and Statistician
- **Visiting Faculty at Jai Narain Vyas University**, April 2002- June 2005, teaching & research experience in Jai Narain Vyas University Jodhpur, Rajasthan.

### ACADEMIC QUALIFICATIONS

- **Ph.D. (Statistics)** in 2007 from, Department of Mathematics & Statistics, Jai Narain Vyas University, Jodhpur Rajasthan.
- **M.Sc. in Statistics**, 2002, from Jai Narain Vyas University, Jodhpur, Rajasthan.
- **M.B.A.** 2006 from Allahabad Agricultural Institute Deemed University.
- **B. Sc.** with Physics, Mathematics & Statistics, in July 2000, from Jai Narain Vyas University Jodhpur, Rajasthan.

### RESEARCH TOPIC

- **On Some Aspects of Small Area Estimation using Auxiliary Information.**

### AREAS OF INTEREST / SPECIALISATION

- Quantitative Research Methodology, Business Research Methods.
- Predictive Analytics, Market Research, Human Resources Analytics, Data visualization.
- Sample Survey, Small Area Estimation.
- Statistical modeling, SEM, LCA & EIA analysis.

### CURRENT AFFILIATION

- Currently Working as Professor & Director “Office of Doctoral Studies” at O.P. Jindal Global University, Sonipat, Haryana. (<https://jgu.edu.in/about-us-office-of-doctoral-studies/>)

### JOB RESPONSIBILITY

- To develop a research culture and build a Ph.D. program across all the schools at “O.P. Jindal Global University (JGU)”, Sonipat, Haryana.
- Academic Management, Teaching, Research, Academic Planning, Academic Monitoring, Faculty Mentoring, Research Promotion, Training & Development.
- To teach the courses related to Business Statistics, Market Research, Quantitative Techniques, Research Methodology, Data Visualization, subjects in Master's degree as well as bachelor degree courses run at JGBS, OP Jindal Global University.

## RESEARCH GUIDANCE

S. No.	Name of Scholar	Thesis Title	Status
1	<b>Namita Pragya</b> , Consultant ICRAF	<i>Production of Green diesel from Jatropha &amp; Algae</i>	Degree Awarded
2	<b>Neha Mehra</b> , (Head of Data Science at Valuechain Enterprises Ltd. U.K.)	<i>The Drivers Of Oil Prices: A Data Mining Approach</i>	Degree Awarded
3	<b>Karan Kapoor</b> , (Brunswick East, Victoria, Australia)	<i>Barriers &amp; Challenges faced by the Solar PV (grid-connected) Power plant in India</i>	Degree Awarded
4	<b>Neha Chhabra Roy</b> , Alliance University, Bangalore	<i>Risk identification and Assessment for investment decision making in small Hydropower projects of Uttarakhand</i>	Degree Awarded
5	<b>Tanushree Sharma</b> , (Associate Professor & Assistant Dean, O.P Jindal Global University)	<i>Workplace factors predisposing employees to connive with customers in electricity theft in the Indian power distribution sector.</i>	Degree Awarded
6	<b>Anand V. Kumar</b> , (Director, Managed Security Services at IBM Greater Atlanta Area)	<i>Cybersecurity threats in the power sector: Need for a domain-specific regulatory framework in India</i>	Degree Awarded
7	<b>Meenakshi Tomar</b> , (O.P. Jindal Global University, Sonipat, Haryana)	<i>Use of Social Media as a tool for Marketing Communication by Automotive Lubricant Companies in India</i>	Degree Awarded
8	<b>Ayush Gupta</b> , (CGM, HR) GAIL (India) Limited.	<i>Strategic Drivers for Growth of Natural Gas Sector in India by 2030</i>	Working on Thesis
9	<b>Vikas Manoria</b> , Cloud Solution Architect (IBM)	<i>Development Of An Approach To Build DMS For Seismic Data Interpretation Based Management Decisions In Indian Exploration Industry</i>	Working on Thesis
GUIDED AS CO- SUPERVISOR			
10	<b>B.S. Negi</b> , Former PNGRB Member	<i>Factors Influencing Shale Gas Exploration &amp; Exploitation In India</i>	Degree Awarded
11	<b>Surajit Bag</b> , Sr. Officer-Procurement, Tega Industries Ltd, Kolkata, West Bengal.	<i>Developing A Green Supply Chain Management Model For The Indian Rubber Goods Manufacturing Sector</i>	Degree Awarded
12	<b>Lov Kumar Mishra</b> , Regional CTO, Nigeria, Globacom	<i>The Bottom-Up Distributed Generation for Uttar Pradesh, India</i>	Degree Awarded
13	<b>Ganesh Vishwakarma</b> , Director of project & Business planning, Steel Authority of India.	<i>Identifying project risk factors affecting project cost performance in the steel industry: An Indian perspective</i>	Degree Awarded

## REVIEWER / EDITOR / EXPERT

- Editor in Chief for **UPES Management Review** – An International Journal on Core Sectors, (ISSN: 2250-723), (<http://upes.ac.in/umr/>) published from the University of Petroleum & Energy Studies, Dehradun, India. (from Jan. 2012 to December 2015)
- Editor for Journal of the Institute of Industrial Applications Engineers, (Print Edition ISSN 2188-1758, Online Edition: ISSN 2187-8811), published from Japan, [https://www2.ia-engineers.org/Journal\\_E/index.php/jiae/index](https://www2.ia-engineers.org/Journal_E/index.php/jiae/index)
- Editorial board member in “International Journal of Soft Computing, Mathematics and Control (IJSCMC)” by Wireilla Scientific publication <http://wireilla.com/ns/math/editorial.html>. (from September 2011)



- Editorial board member in “International Journal of Economic Research and Networking (IJERN)”. (<http://ripublication.com/IJERN.htm>) (from September 2011)
- Editorial board member in “International Journal of Engineering and Manufacturing Science (IJEMS)”. (<http://ripublication.com/ijems.htm>) (from September 2011)
- The reviewer of “**Renewable & Sustainable Energy Reviews**” published by **Elsevier**, (<http://www.journals.elsevier.com/renewable-and-sustainable-energy-reviews/>) (from April 2012)
- The reviewer of “**Environmental Technology**” published by **Taylor & Francis Group**, (<http://www.tandfonline.com/toc/tent20/current>) (from April 2012)
- The reviewer of “**International Journal of Logistics Management**” published by **Emerald**, (<http://www.emeraldinsight.com/journals.htm?issn=0957-4093>) (from May 2012)
- The reviewer of an International Journal Publishes from Netherland titled as “**Model Assisted Statistics Application**”(MASA). (<http://www.deepdyve.com/lp/ios-press/acknowledgment-qkO96CHZen>) (from April 2007)
- A reviewer of the Official Journal of the Association of Environmental Engineering and Science Professors (AEESP) “**Environmental Engineering Science**” <http://www.liebertpub.com/overview/environmental-engineering-science/15/>.
- A reviewer of an International Journal Publishes from Belgium, USA, UK titled as “Journal of Advanced Chemical Engineering (JACE)” by Ashdin Publishing. <http://www.ashdin.com/journals/jace/jace.aspx> (from March 2011)
- A reviewer of an International Journal titled “**Low carbon Economy**” (<http://www.scirp.org/journal/PaperInformation.aspx?paperID=20447>), Publishes by Scientific Research Publishing (SCIRP: <http://www.scirp.org>). (from March 2011)
- A reviewer of an International Journal titled “Journal of Management Science and Practice” published by Bowen publishing <http://www.bowenpublishing.com/msp/CallforReviewers.aspx>. (From April 2013)
- Nominated Expert in Department of Science & Technology (DST), sponsored Research Project on Small Area Estimation Technique.
- Nominated member / Expert, for the Faculty Research Committee (FRC), of the University of Petroleum & Energy Studies, Dehradun.

#### FDP, MDP, WORKSHOPS, TRAINING PROGRAM, CONCLAVE ORGANIZED

- Conducted various executive training programs on Applied Statistics, Quantitative Techniques, Research process, and methods for Energy companies like HPCL, IOCL in association with I.S.Pe (Indian School of Petroleum & Energy).
- Conducted four days Training program as **IBM academic initiative Trainer** at “NAMAM institute of Technology (NITTE Campus)” Mangalore, for faculty on “Applied Statistics using IBM SPSS” on 08th -11 July 2014.
- Organized conclave on Business Analytics, at Hotel Taj Mahal Palace at New Delhi on Feb 28<sup>th</sup>, 2015.

- Organized as a Co-convenor the “International Conference of Management of Infrastructure (ICMI), on Feb 06-07<sup>th</sup>, 2015 at CoMES, UPES, Dehradun, India.
- Organized as a convenor the “International Conference of Management of Infrastructure (ICMI), on Feb 14-15<sup>th</sup>, 2014 at CoMES, UPES, Dehradun, India.
- Organized as a convenor the “International Conference of Management of Infrastructure (ICMI), on Feb 15-16<sup>th</sup>, 2013 at CoMES, UPES, Dehradun, India.
- Conducted a 2-day training program cum workshop for faculty members of the University of Petroleum & Energy Studies on Research Methodology and SYSTAT on 08 – 09, June 2009 at Bidholi campus, Dehradun.

#### EDP, FDP, MDP, WORKSHOPS, TRAINING PROGRAM ATTENDED

- Successfully Completed *Executive Development Program* in “**Data Science Using R and Excel**” held during **February 18, 2018- July 29, 2018, from Xavier School of Management (XLRI), Jamshedpur.**
- Management Development Program on Talent Management for Organization Excellence, organized and hosted by UPES Dehradun, July 24-25, 2015.
- Management Development Programme on **Business Analytics Using Data Mining Techniques**, organized and hosted by the **Indian Institute of Management Raipur during, 09-11 April 2015.**
- **Ivey IIMC case method workshop** on case writing, Teaching, and Research workshop organized by Ivey Business School & **Indian Institute of Management Calcutta Case Research Centre (IIMCCRC)**, held during November 25-28, 2014.
- Workshop on **Recent Developments on Energy Modeling and Regulation organized and hosted by ESCP Europe London** campus on May 16-18, 2013 London.
- Workshop on “Identify issues and challenges for SME'S” organized by Department of Management Studies, IIT Roorkee, on Feb 3, 2012.
- Workshop on “Developments in Renewable Energy Sources (Biomass, Solar, etc.)” organized by Center for Energy Studies, Indian Institute of Technology, Delhi (IIT D) from 27-28, Feb. 2013.
- FDP on “Case writing” organized by the University of Petroleum and Energy Studies, Dehradun, from 09-11 Jan 2013.
- FDP on “Teaching through Video” organized by Arawali Institute of management and Technology in Jodhpur on 29<sup>th</sup> Aug. 2010.
- Roundtable workshop on knowledge Economy: An oriental Approach, on September 16, 2009, jointly organized by Phoolchatti Aasrem and Indian Institute of Technology, Roorkee.

#### CONFERENCE / SEMINAR / SYMPOSIUM ATTENDED

- Presented paper and chaired a session in 11th International Conference on **Applied Energy held during Aug 12-15, 2019 in Västerås, Sweden.**
- Presented paper and chaired a session in the 10th International Conference on **Applied Energy held during Aug 22-25, 2018 in Hong Kong, China.**



- Chaired session in 14th South Asian Management Forum was held from **April 24th to 26th, 2017** at **Bandos Island, Male, Maldives**.
- Presented paper and chaired the session in the 8th International Conference on **Applied Energy held during Oct 8-11, 2016 in Beijing, China**.
- Annual Conference on Solar Business in India, Organized by Infra market India on 8th August 2013 at Hotel Crowne Plaza, Okhla, New Delhi.
- 51<sup>st</sup> Meeting of the Euro working group for Commodities and Financial Modeling (EWGCFM) and the 1<sup>st</sup> Conference of the Research Center for Energy Management (RCEM) & International Center for Shipping, Trade, and Finance (ICSTF) at **Cass Business School**, organized and hosted by **ESCP Europe London campus on May 16-18, 2013 London**.
- Second international conference & Exhibition by world renewable energy congress from 21-23 April 2010, New Delhi.
- Presented two research papers in Jammu University in an International Conference from 8<sup>th</sup> Dec. to 10<sup>th</sup> Dec 2010.
- Conference on **“Corporate Saffron”** on 08, December 2009 Organized by Indian Institute of Technology Roorkee (IITR).
- 8<sup>th</sup> HR roundtable conference at New Delhi on 27 & 28 August 2009 on “Creating Genext Oil & Gas Business Leaders”, organized by Indian School of Petroleum and energy.
- International Jubilee Conference on Discrete Mathematics at Banasthali University Organized by Centre for Mathematical Sciences, Banasthali & NBHM (National Board on Higher Mathematics), India, from January 11-13, 2009.
- Completed an Industry Awareness Workshop organized by the University of Petroleum & Energy Studies (UPES), for Senior Management persons, at Corporate Office, Ph.D. Chamber, New Delhi on 2nd- 3rd January 2009.
- Successfully participated in the workshop on Team Building conducted by Essential Elements Training Solutions, on December 06, 2008, organized by the University of Petroleum & Energy Studies, Gurgaon, India.
- Selected and completed a “National workshop on Bayesian techniques & it’s an application (NWBTA)” from October 01- October 07, 2008, sponsored by Department of Science and Technology, Govt. of India, New Delhi held at Banasthali University, Rajasthan.
- Successfully participated in the workshop on creative thinking conducted by Essential Elements Training Solutions, on September 06, 2008, organized by the University of Petroleum & Energy Studies, Gurgaon, India.
- Selected & completed SERC School 2008, sponsored by Department of Science and Technology, Govt. of India, New Delhi, on “Multivariate and Matrix Variable Calculus and Statistical Distribution Theory and Applications in Data Analysis, Model Building and Astrophysics Problems” held from 15<sup>th</sup> April 2008 to 17<sup>th</sup> May 2008, at the Pala Campus of the Centre for Mathematical Sciences Kerala, India.
- Presented a selected paper for the Young Statistician Award at Jammu University on 22<sup>nd</sup>- 23<sup>rd</sup> Feb. 2008.
- Presented a selected paper at the Pala Campus of the Centre for Mathematical Sciences, Kerala, India.

- 12<sup>th</sup> annual national conference of Vijnana Parishad of India at Department of Mathematics and Statistics, on the application of special functions in Jai Narain Vyas University Jodhpur, Rajasthan, from 25-27, Oct. 2007
- Presented a paper in International Conference at Mumbai, Organized by Mumbai University, from May 31 to June 2007.
- 12<sup>th</sup> annual national symposium on the application of special functions of Vijnana Parishad of India at the Department of Mathematics and Statistics, Jai Narain Vyas University Jodhpur, Rajasthan, from 25-27, Oct. 2007.
- Presented a paper in the International Conference at Delhi, Organized by IASRI (Indian Agriculture Statistics Research Institute) & ICAR (Indian Council of Agriculture Research), from December 27-30, 2006.
- Presented a paper in National Conference at Saurashtra University, Gujrat during November 11-13, 2006.
- National seminar on “Recent trends in combinatorics & its Applications” during March 5-6, 2006 in Banasthali Vidyapith Rajasthan.
- Workshop at Delhi, Organized by IASRI (Indian Agriculture Statistics Research Institute) & ICAR (Indian Council of Agriculture Research), on December 26, 2006.
- A Training program on “Stochastic process Modelling” held on 2-15, December 2006, in Banasthali Vidyapith, Rajasthan.
- 70<sup>th</sup> Annual Conference of Indian Mathematical Society during December 26-29, 2004 held in Jai Narain Vyas University, Jodhpur Rajasthan.
- Seminar on Adult Education organized by Jai Narain Vyas University, Jodhpur during 28-29 September 1999.
- Seminar on philosophical phenomena associated with the Department of philosophy, Jai Narain Vyas University Jodhpur, Rajasthan.

#### OTHER ADMINISTRATIVE RESPONSIBILITY

- Worked as Assistant Dean Research for College of Management & Economic Studies, University of Petroleum & Energy Studies, Dehradun. India.
- Member of Examination Committee for the year 2009-10, 2010-11, 2011-2012, 2012-2013, 2013-2014, 2014-2015 for College of Management & Economic Studies, University of Petroleum & Energy Studies, Dehradun.
- Member of Library Committee for the year 2013-2014, 2014-2015, 2015-2016., for College of Management & Economic Studies, University of Petroleum & Energy Studies, Dehradun.
- Officer in charge of conducting GD and PI at Dehradun, in the University of Petroleum & Energy Studies.
- Programme Director for M.Tech. (Petro Informatics) course, in 2008, at the University of Petroleum & Energy Studies, Gurgaon.
- Programme Director for Infrastructure Management course in 2009, at the University of Petroleum & Energy Studies, Dehradun.

#### COMPUTER /SOFTWARE SKILLS

- Operating Systems: MS-DOS (up to 6.22), Microsoft Windows.
- Software: SPSS, STATISTICA, MS-EXCEL, STATA, R, Tableau, LaTeX

- Diploma in Advanced C and Data Structure.

### AWARDS

- Appreciation certificate from The Editors of “Renewable and Sustainable Energy Reviews”, A highly reputed international journal in the area of Renewable energy published by Elsevier, Amsterdam, The Netherlands in January 2015.
- Dedicated service award from the side of the University of Petroleum & Energy Studies (UPES) in the year 2013.
- Award for launching “UPES Management Review: An International Journal of core sectors” in the year 2013.
- Award for meaningful participation as a statistics Expert for the project “Corporate Saffron’s” carried out by the Indian Institute of Technology, Roorkee (IIT-R), Department of Management Studies, 8<sup>th</sup> April 2010.
- Award for Exemplary work in the area of Coordination and support given for the GD-PI & Counseling for MBA students for the year 2010.
- Most Devoted Teacher Award for the year 2008-09, given by the University of Petroleum & Energy Studies, Dehradun.
- Cash Award for the Exemplary work in 8<sup>th</sup> HR Round Table Conference organized by the Indian School of Petroleum & energy (ISPe), New Delhi on August 27 & 28, 2009.
- Cash Award for meaningful contribution in research and development work at UPES, Dehradun.
- Awarded Meritorious Certificate from Red Cross Society of India.
- Young Statistician Award, 2006.

### MEMBERSHIPS

- Student membership of “Actuarial society of India”.
- Membership of “Indian Bayesian Society”.
- Membership of “Indian Society of Agricultural Statistics”.
- Lifetime membership of “M. N. Das society”.

### EXTRACURRICULAR ACTIVITIES

- Represented State contingent in two National Integration Camps organized at Kerala (1999) and Tamilnadu (2001) by National Service Scheme (NSS), Ministry of Sports and Youth Affairs, Govt. of India.
- Attended Pre-Republic Day Parade Camp in Jodhpur (2002) organized by National Service Scheme (NSS), Ministry of Sports and Youth Affairs, Government of India.