



Prasanta Kumar Dey

Prasanta Kumar Dey, Professor of Operations and Information Management, Aston Business School, Aston University, Birmingham B4 7ET, Tel. 0121 2044011, Email: p.k.dey@aston.ac.uk

Dr. Prasanta Kumar Dey is a professor of Operations Management at Aston Business School. He has been honored as 50th Anniversary Chair of Aston University in 2017. He also won Vice Chancellor award for research excellence in 2012. Prior to joining Aston University in 2004, he worked for five years in the University of the West Indies in Barbados as a Director of graduate project management program and 14 years in Indian Oil Corporation Limited, India as a project executive in various capacities. He specializes in supply chain management and project management. He has published more than hundred twenty research papers in leading international refereed journals. He has accomplished several research projects in supply chain optimisation and project management maturity studies in manufacturing, process, services and construction industries globally covering both small and medium sized enterprises (SMEs) and large sectors. His projects have been funded by Ford Foundation, ESRC, EPSRC, Research Council UK, British Council, Royal Society, West Midlands Manufacturing Advisory Services, EU and ERDF. His industry clients include Jaguar Land Rover, Rolls Royce, JCB, L'Oreal, NHS, Britons Carpet, Cemex, General Dynamics, Unocal, and several organisations in SMEs in the UK and abroad. He has delivered long term executive development programs and facilitated numerous workshops for executives in Barbados Government, the healthcare professionals in Maltese hospital and National Health Services in the UK, the project executives in JCB, Jaguar and Land Rover, Atkins and the Country and HR managers of L'Oreal. Dr. Dey has developed several decision support systems that include supplier performance evaluation, supply chain performance measurement, sustainability performance framework, risk management and currently engaged in developing decision support systems for optimizing bioenergy (including energy recovery from waste) supply chain design and operations. His work helped numerous SMEs in the developing countries like India, Bangladesh and Thailand to deal with their sustainability issues and challenge. He facilitates many city councils in the UK and municipalities in India for developing strategies and policies for solid waste management that include developing business case for projects. He is currently leading a project entitled 'Low carbon supply chain adoption in SMEs supply chain across the world with the involvement of researchers and industry practitioners from India, Trinidad, UK, Ireland, Austria, Spain, Australia, Switzerland, Germany, Malta, France, Bangladesh, Barbados, UAE, Kuwait, Quarter, China, Thailand, Malaysia, Brazil, Philippines, Greece and Vietnam. He is the editor in chief of International Journal of Energy Sector Management and the founder co-director of Aston India Foundation for Applied Research.

Education:

PhD in Production Engineering from Jadavpur University, India, 1994 - 1997
Master's in Industrial Engineering, Asian Institute of Technology, Thailand, 1991 - 1992
Bachelor in Mechanical Engineering, Jadavpur University, India, 1981 - 1985

Professional Positions

Academic

Professor, Aston Business School. (August 31, 2011 - Present)
Reader, Aston Business School. (2008 - August 31, 2011)
Senior Lecturer, Aston Business School. (December 2004 – July 2008)
Lecturer, University of the West Indies, Barbados. (March 2000 - November 2004)

Industry

Deputy Manager, Indian Oil Corporation Limited, India. (April 1995 - January 2000)
Senior Engineer, Indian Oil Corporation Limited, New Delhi. (March 1990 – March 1995)
Engineer, Indian Oil Corporation Limited, New Delhi. (February 1986 - March 1990)
Graduate Engineer Trainee, Machinery Manufacturing Company Limited, India. (July 1985 -
January 1986)

Current Teaching Commitment:

BN 3372: Supply Chain Management (Final year)
BN3385: Effective Project Delivery (Final year)
BNM 808: Managing Projects (Post graduate)
Deliver Project Management workshops for MBA students

Designed MSC Supply Chain Management program (Joint program between Aston Business School and School of Engineering and Applied Science) – Successfully running since 2007

Designed MSC in Energy Management program (Joint program between Aston Business School and School of Engineering and Applied Science) – Under review

Planning MSC in Healthcare Management program (Joint program between Aston Business School, School of Life and Health Science, and Birmingham Children Hospital Pharmacy)

Visiting Honorary Positions:

Visiting professor of Neoma Business School, Rouen, France since 2006:
Operations Management
Supply Chain Quality Management
Supply Chain Management
Project Management

Visiting professor of Symbiosis, Pune, India 2017
Delivered a workshop on 'Sustainable supply chain management of manufacturing companies'

Visiting professor of Indian Institute of Technology Delhi, India, Since 2009
Delivered workshop workshops and seminars on supply chain, project and operations management

Visiting professor of Jadavpur University, Kolkata, India, Since 2008
Delivered workshop workshops and seminars on supply chain, project and operations management

Visiting professor of Thai Chamber of Commerce, Thailand Since 2010
Delivered several workshops and seminars on ‘Sustainable supply chain management’

Visiting professor of Panyapiwat Institute of Management, Thailand Since 2016
Delivered several workshops and seminars on ‘Sustainable supply chain

Visiting professor of University of Malta, Malta since 2012
Delivered a workshop on ‘Healthcare operations management’

Completed funded projects (since 2008):

1. Supply chain performance management – British council funded project under PMI2 Connect in collaboration with the University of Thai Chamber of Commerce, Thailand, £40,000, completed in February 2011. **[Principal investigator]**
2. Trend in operations management of the UK organizations – ESRC funded, £20,000, completed in July 2010 **[Co-investigator]**
3. Enhancing project Management practices of organizations across West Midlands – ESRC funded under business engagement opportunities, £100,000, completed in 2009 **[Co-investigator]**
4. Quality management system improvement in a UK-based multinational carpet manufacturing company – Funded by West Midland Manufacturing Advisory Services and match funded by Brintons Carpets, £20,000, completed in 2008 **[Principal investigator]**
5. INTERGROUP COLLABORATION FOR THE STUDY OF THE INTEGRATION OF SUPPLY CHAIN, Fellowship for Dr. Carmen Medina, University of Seville, Spain, Funding body: Ministry of Education (Spain). National Program of Mobility of Human Resources for Research in 2010, in the framework of the National Plan of Scientific Research, Development and Technological Innovation 2008-2011, Duration of funding: 5 months (from 1/05/2011 to 30/09/2011, (£50,000). **[Principal investigator]**
6. Climate change issues and corporate social responsibility – British Council funded project under INSPIRE in collaboration with the Dhaka University, Bangladesh, £45,000, completed in April 2012. **[Co-investigator]**
7. Developing a framework for sustainable bioenergy systems BioSS – ESRC funded under CASE studentship for Express Energy, £75,000, completed in December 2012 **[Principal investigator]**
8. Decision Support for Lifecycle Planning and Risk Management of Small-Scale Biomass Combined Heat and Power (bCHP) Projects in the UK- ESRC funded under CASE studentship for Enco Energy, £75,000, completed in December 2012. **[Principal investigator]**
9. SmartAgriFood: Smart Food and Agribusiness: Future Internet for Safe and Healthy Food from Farm to Fork (<http://www.smartagrifood.eu>). April 2011 - March 2013. Funded by FP7 FI-ICT-2011-1.8 Role: CI for Aston University. Total budget e7.5M, budget for Aston: e217,000 **[co-investigator]**
10. Business models and commercial scale implementation of bioenergy plant in Northern India, in collaboration with School of Engineering and Applied Science and Indian Institute of Technology,

Roper, Funding: Oglesby charitable Trust £150,000 [**Principal investigator from Business School**] completed in September, 2013

11. Supply chain optimization for a manufacturing organization (Kimal Plc.) in the UK, Manufacturing Advisory funded, £5,000 [**Principal investigator**], completed in 2013.
12. Bio-energy: Technology and business solution to the UK and India – Research Council, UK and Department of Science and Technology, India funded project under Science Bridge in collaboration with School of Engineering and Applied Science and Indian Institute of Technology, Delhi, India, £3,000,000, Business school Budget £200,000 [**Principal investigator**] completed in August 2015
13. Delivering local bioenergy to North West Europe – in collaboration with European Bioenergy Research Institute, Birmingham City University, and a few European Universities and organizations Under INTERREG (EU funded program); worth £7,000,000; £250,000 (Business school's Budget) [**Principal investigator**], completed in September 2015.
14. Climate change issues and environmental performance of Indian small and medium sized enterprises, in collaboration with Jadavpur University, Kolkata, India, Under Innovation partnership, UKIERI, British Council, £40,000 [**Principal investigator**], completed in July 2015
15. Municipal Solid waste to energy: Decision Support System for supply chain design, in collaboration with Jadavpur University, National Institute of Technology, Trichi, India, UKIERI, British Council, Under thematic partnership £60,000 [**Principal investigator**], completed in December 2015
16. Business process improvement of a UK-based SME, Vanti, £50,000, Under Knowledge Enterprise and Exchange Network, completed in June 2015 [**Principal investigator**]
17. Centre for Supply Chain Innovation in Transport Engineering, The total Project-funding, including contributions by Derby City Council, ERDF, private sector match and university contributions is £13,256,169, of which the costs of the business-services offering is £703,405; project duration: 13 December 2013 – September 2015 [**Principal investigator** from Aston University]
18. Energy Harvest: Commercial level implementation of agri-waste to energy in rural India through business case development, Oglesby Charitable Trust funded, £250,000; [**Principal Investigator from Business School**]
19. Business process review within Auctus and the wider enterprise, under ERDF / KEEN project, £20,551(**Co-investigator**) completed in September 2015
20. Enterprise performance measurement and improvement of Auctus, under ERDF / KEEN project, £16,240 (**Co-investigator**) completed in November 2015

Funding received in 2015 - 16

1. Intelligent control agents for multi-function bio-based local energy systems, Technology and Strategy Board funded project, £1.1M, Aston University: £300,000 (**Co-investigator**)

2. Title: Global Bioenergy, Biofuels and Biorefining Network:GB3-Net; in collaboration with European Bioenergy Research Institute, University of Oklahoma, University of Wisconsin-Madison, and Dalian Institute of Chemical Physics, Chinese Academy of Sciences, China; British Council funded project under Global Innovation Initiative, £149,800 (**Principal investigator from Business School**)
3. Research Excellence and International Collaboration on Corporate Response to Climate Change, under Newton funding scheme by British Council, organizing workshop in Brazil in collaboration with University of Sao Paulo, £46,000 (**Principal investigator**)
4. India-UK Scientific Seminar on Sustainable energy recovery from waste biomass, Royal Society funded project, £30,000 (**Co-investigator**)
5. Augmentation of agro-waste to energy project in India, Funded by Tata Trust, India, £87,000 (**Principal investigator from Business School**)
6. Effective implementation of Electronic Prescribing and Medicine Administration (EPMA) in Birmingham Children Hospital, Funded by Collaboration for Leadership in Applied Health Research and Care West Midlands (CLAHRC WM), £179,166, (**Principal Investigator**)
7. Staff mobility funding for pursuing research on ‘sustainability of supply chain of manufacturing organizations’ between the UK and non-European countries, Jadavpur University, India, Asian Institute of Technology, and University of Thai Chamber of Commerce, Thailand, Erasmus Plus EU funding £33,000, (**Principal investigator**)
8. Sustainability study of small and medium-sized organisations in Normandy of France, Seed corn funding from Neoma Business School, France in collaboration with Professor Fouad Abdelbenaziz of Neoma Business School, Funding: Neoma Business School, £8,000, (**Principal investigator**)
9. Developing Low Carbon Small and Medium-sized Enterprises through lean and green manufacturing for improving business performance, Funding body: UKIERI, £17,000 (**Principal investigator**)
10. Lean supply chain management: Characterization, configuration and evaluation, in collaboration with University of Seville, Spain, Funding Body: Spanish Ministry, £50,000 (**Principal investigator from Aston University**)

Funding received in 2016 - 17

11. Sustainable supply chain management of small and medium-sized enterprises in India, Funding for PhD studentship from Commonwealth Scholarship Commission (**Lead supervisor**), £75,000, **PhD Student: Debashree De**
12. Centre for Supply Chain Innovation in Transport Engineering, ENSCITE 2, Collaborative project among Derby City Council, Derby University and Aston University, part funded by ERDF, Funding available for Aston University £100,000 [**Principal investigator from Aston Business School**]

13. Support the Shift Towards a Low Carbon Economy, reference OC12R16P0367, ESIF, ERDF funding, £1.21M (**Principal Investigator**) – project entitled ‘Enhancing SMEs’ energy efficiency within Greater Birmingham and Solihull Local Enterprise Partnership’
14. Development of a sustainable performance measurement system for the Bangladeshi readymade garment (RMG) company, Funding for PhD studentship from Commonwealth Scholarship Commission (**Lead supervisor**), £10,000, PhD Student: Ismat Rahman
15. LEAN MANAGEMENT SUPPLY CHAIN : CHARACTERIZATION , CONFIGURATION AND EVALUATION, in collaboration with University of Seville, Spain, Principal investigator from Aston Business School, £50,000 (approx.)

Research proposals submitted in 2016 - 17

1. Supply chain Sustainability Performance Management of Small and Medium-sized Enterprises (SMEs) in the UAE, Funding body: United Arab Emirates University, AED 260,000 (£49,000) (**Principal Investigator**)
2. Sustainability of small and medium sized enterprises in food supply chain, Newton Funding under Institutional link, Country: Thailand, Funding: £100,000 (**Principal Investigator**)
3. A framework for safe food supply chains and sustainable agriculture and rural development in Vietnam, Newton Funding under workshop call, £40,000 (**Co Investigator**)
4. Analysing sustainability of small and medium sized enterprises’ supply chain using structure equation modelling, MARIE SKŁODOWSKA-CURIE ACTIONS, Fellowship program (Lead supervisor) - **Fellow: Dr Chrysovalantis Malesios**
5. Energy Recovery from Wastes (ERfW): Sustainable Supply Chain Design and Operations, UKIERI, British Council and Department of Science and Technology funded, £176,000 in collaboration with Jadavpur University and a few other Indian Universities (**Principal Investigator**)
6. Achieving SMEs’ competitiveness through energy efficiency, British Council funded project under Newton funding, University of Dubai and Sultan Qaboos University, (**Principal Investigator**), £350,000.
7. Low Carbon Small and Medium Sized Enterprises, Erasmus plus staff mobility for collaborative research, University of the West Indies, Barbados, and Trinidad and Tobago, (**Principal Investigator**), £20,000.
8. Support the Shift Towards a Low Carbon Economy, reference ESIF, ERDF funding, £1.3M (**Principal Investigator**) – project entitled ‘Enhancing SMEs’ energy efficiency within Black Country Local Enterprise Partnership’
9. Energy recovery from waste, Newton Funding, Workshop Grant proposal, with selected Indian Universities in collaboration with York University, £50,000 (**Principal investigator**)

10. Paradigm shift in fecal sludge management in Kenya through integrated approach for environmental management and food security, Institutional Link call under Newton Funding. £78,000 with Meru University College of Science and Technology, Kenya, **(Principal investigator)**
11. Making Indian Cities Low Carbon through Carbon Footprint Reduction of Small and Medium-sized Enterprises (SMEs), British Academy funded under Cities & Infrastructure Programme C&I 2017, with Jadavpur University, India, Funding: £299,476.21. **(Principal investigator)**
12. Supply chain sustainability management of small and medium sized enterprises, 2017 Newton international fellowship for Dr Chrysovalantis Malesios for 2 years (£75,000)

Proposal to be submitted by September

1. Sustainability performance measurement using Data Envelopment Analysis, MARIE SKŁODOWSKA-CURIE ACTIONS, Fellowship program **(Lead supervisor) – Fellow: Dr Guoliang Yang**
2. Enhancing sustainability performance of small and medium sized enterprises' supply chain using structure equation modelling, MARIE SKŁODOWSKA-CURIE ACTIONS, Fellowship program (Lead supervisor) - **Fellow: Dr Chrysovalantis Malesios**
3. Waste management in manufacturing using life cycle approach, MARIE SKŁODOWSKA-CURIE ACTIONS, Fellowship program **(Lead supervisor) - Fellow: Dr Nima Kazemi**
4. Funding competition: UK-India industrial waste challenge 2017 in collaboration with Pure Cycle limited, UK and GJ Nature Care & Energy, and in collaboration with Indian Universities. Funding: £2M
5. Energy efficiency study of Indian small and medium sized manufacturing companies, MARIE SKŁODOWSKA-CURIE ACTIONS, Fellowship program **(Lead supervisor) - Fellow: Dr Vivek Sony**

Doctoral student supervision

Completed

1. *Supply chain and logistics management of Thai manufacturing industry* - Asawin Pasutham (funded by University of Thai Chamber of Commerce), Fulltime, Completed in 2011
2. *Business excellence in the manufacturing organizations in Kuwait* – Reem Al-Shamari (self-funded) – **part time**, Completed in 2012
3. *Decision support systems for managing bio-energy supply chain* - Daniel Wright (funded by ESRC under CASE studentship), **Full time**, completed in December 2012
4. *Resource optimization for bio-energy* - James Scott (funded by ESRC under CASE studentship), **Full time**, completed in December 2012
5. *Renewable energy solution to India, Jonathan Nixon, Full time* (funded by RCUK), completed in September 2012, Jointly supervised in collaboration with School of Engineering and Applied Science
6. *Development and implementation of a risk-based strategic sourcing framework within the construction and manufacturing industries*, Martin Kotula, Part time, completed in 2012
7. *Managing risk in disintegrated bio-energy supply chain* - Vimal Eswarlal (funded by Research Council, UK), **Full time**, Completed in December 2013

8. *Supply chain integration in Maltese manufacturing industry* - Ronald Cuschieri (funded by University of Malta), **Part time**, completed in 2015
9. *Managing multiple organizational enterprises using third generation enterprise resource planning*, Yi Wan (self-funded), **Full time**, completed M Phil in 2015
10. *A study of supply chain integration in the bio-energy industry* - Christine Lloyds (part funded by Birmingham City University), **Part time**, Completed in January 2016
11. *Better Queue Management using DEA: An Application in a Large Public Hospital of a Developing Country*, **full time**, Komal Aqeel Safdar, completed in April 2016
12. *Error minimization in Pharmaceutical Management*, Part time, Anthony Sinclair, Jointly with Life and Health Science, Part time, likely to be completed in March 2017 (Funded by NHS Trust)

Currently Pursuing

13. *Green Supply chain management practices in developing countries* – Ismat Rahman (Government of Bangladesh scholarship), **Full time**, Likely to be completed 2017
14. *The Effectiveness of the OHS Management System in the Emirate of Abu Dhabi* – Hani Hossni, started DBA in October 2015 (self-funded)
15. *To investigate the feasibility and benefits of implementing a quality management system in a pharmacy setting* – Parisa Mirbod, DBA in April 2016 (Funded by NHS Trust)
16. *Sustainable supply chain management of small and medium sized enterprises* – Debasree De, PhD (commonwealth scholarship), Likely to be started in October 2016
17. *Effective Medication Management in Dementia using Supply Chain Optimisation-* Medha Kothari, PhD (LHS and ABS collaborative funding), Likely to be started in October 2016

Doctoral student supervision (External)

1. *Technology scanning in Indian hi-tech SMEs* – Dilip Pednekar (external student of University of South Australia), Awarded in March 2012

Publications in refereed international journals

1994 – 1999

1. Dey, P K, Mario T Tabucanon, Stephen O Ogunlana, (1994), Planning for Project Control through Risk Analysis: A case of Petroleum Pipeline Laying, International Journal of Project Management. Vol. 12 (1) (1994). 23-33. [3*]
2. Dey, P K, Mario T Tabucanon, Stephen O Ogunlana, and C Chareonngam, (1996), Planning Strategy and Risk Management for High Risk Projects, Thailand Engineering Journal, Vol. 48. No. 10. 58-66.
3. Dey, P K, Mario T Tabucanon, Stephen O Ogunlana, (1996), Petroleum Pipeline Construction Planning: A Conceptual Framework”, International Journal of Project Management. Vol. 14 (4). 231-240. [3*]
4. Dey, P K, Mario T Tabucanon, Stephen O Ogunlana, (1996), Hierarchical Approach to Project Planning, Applied Math. Modelling, Vol.20, September. 683-698. **[Impact factors 2.251]**
5. Dey, P K, Mario T Tabucanon, Stephen O Ogunlana, and S S Gupta, (1998), Risk Based Maintenance Model for Cost Effective Maintenance Policy - Cost Engineering Journal, American Associate of Cost Engineering International (AACEDI), Vol. 40/No. 4, April, 24-31.

6. Dey, P K, Mario T Tabucanon, Stephen O Ogunlana, S S Gupta, (1999), Decision Support System for Pipeline Route Selection, Cost Engineering Journal, American Associate of Cost Engineering International (AACEI), Vol. 41. No. 10. October 1999. 29-35
7. Dey, P K, (1999), Process Reengineering for Effective Implementation of Projects, International Journal of Project Management, Vol. 17 (3), 1999. 147-159, [3*]

2000

8. Dey, P K, and S S Gupta, (2000), Decision support system yields better pipeline route”, Oil and Gas Journal, Vol. 98.22. 29th May, 68-73.
9. Dey, P K, and S S Gupta, (2000), Analytic Hierarchy Process boosts risk analysis objectivity, Pipeline and gas industry journal, Gulf Publishing, Vol. 83 No. 9. September, 69-72.
10. Dey P K, (2000), Managing Projects in Fast Track: A Case of Public Sector Organisation in India, International Journal of Public Sector Management, Vol.13. No.7, 588-609. [2*]

2001

11. Dey, P K and Stephen O. Ogunlana, (2001), Project time risk analysis through simulation”, Cost Engineering journal, American Associate of Cost Engineering International (AACEI), Vol. 34. No. 7, 24 – 32.
12. Dey, P K, (2001), Project management system for a concurrent engineering framework”, Hydrocarbon Processing, Gulf Publishing, Vol. 80, No. 4, 71 – 79.
13. Dey, P K, and S S Gupta, (2001), Risk-based model aids selection of pipeline inspection, maintenance strategies”, Oil and Gas Journal, Volume 99.28, 39 – 67.
14. Dey, P K and S S Gupta, (2001), Feasibility Analysis of Cross-country Pipeline Projects: A Quantitative Approach”, Project Management Journal, Vol. 32, No. 4, 50 – 58. [2*]
15. Dey, P K, (2001), A risk-based model for cost effective inspection and maintenance”, Journal of quality in maintenance engineering, Vol. 7, No. 1, 25-43. [2*]
16. Dey, P K, (2001), Integrated approach to Project Feasibility Analysis, Impact Assessment and Project Appraisal, Vol. 19, No. 3, 235 – 245.
17. Dey, P K, Mario T Tabucanon, Stephen O Ogunlana, and S S Gupta, (2001), Multiple Attribute Decision Making approach to Petroleum Pipeline Route Selection”, International Journal of Service Technology and Management, Vol. 2, Nos. 3 / 4, 347 – 362. [2*]
18. Dey, P K, (2001), Reengineering Materials Management: A Case study on Indian Refinery, Business Process Management Journal, Vol. 7 no. 5, 394 – 408. [2*]
19. Dey, P K, (2001), Decision Support System for Project Risk Management: A case study”, Management Decision, Vol. 39 No. 8. 634 - 649. [2*]

2002

20. Dey, P K, (2002), Project Risk Management: A Combined Analytic Hierarchy Process and Decision Tree Analysis Approach”, Cost Engineering Journal, American Associate of Cost Engineering International (AACEI), Vol. 44 no. 3, 13 – 26.
21. Dey, P K, (2002), Quantitative risk management aids refinery construction”, Hydrocarbon Processing, Vol. No. 3. March 2002. 85 – 95.
22. Dey, P K, (2002), Integrated approach to materials management: a case study”, Hydrocarbon Processing, Gulf publishing, USA, November.

23. Dey, P K, (2002), Benchmarking project management practices of Caribbean organizations using analytic hierarchy process, *Benchmarking International Journal*, Volume 9 Number 4 2002. 326 – 356. [2*]
24. Dey, P K, (2002). An integrated assessment model for cross-country pipelines”, *Environmental Impact Assessment Review*, Vol. 22, issue 6. [Impact factor 2.4]
25. Dey, P K and S O Ogunlana, (2002), Risk based decision support system for effective implementation of projects”, *International journal of risk assessment and management*, Vol. 3, Nos. 2/3/4, 2002. 189 - 204.
26. Dey, P K, S O Ogunlana and N Takehiko, (2002), Risk management in build-operate-transfer projects”, *International journal of risk assessment and management*, Vol. 3, Nos. 2/3/4, 269 – 291.
27. Husbands, C and Dey, P K, (2002), Social Impact Assessment of a sewerage project in Barbados, *Impact Assessment and Project Appraisal*, Vol. 20. No.2. 215 – 223.

2003

28. Dey, P K, (2003), Analytic Hierarchy Process Analyses Risk of Operating Cross-country Petroleum Pipelines in India”, *Natural Hazard Review*, American Society of Civil Engineering, Vol. 4 issue 4, 213 – 221.
29. Bhattacharya, S C and P K Dey, (2003), Selection of Power Market Structure using Analytic Hierarchy Process”, *International Journal of Global Energy Issue*, Vol. 20 . no. 1. 36 – 57.

2004

30. Charoengam C, S O Ogunlana, K Ning-Fu and P K Dey, (2004). Reengineering construction communication in distance management framework, *Business Process Management Journal*, vol. 10 No. 6. 645 – 672. [2*]
31. Dey, P K, S Hariharan, and S O Ogunlana, (2004), Information system planning in drug service: a case study, *International journal of service technology management*, Vol. 5 No. 2, 2004. 181 – 205. [2*]
32. Dey, P K, and S O Ogunlana, (2004), Selection and application of risk management tools and techniques for Build-operate-transfer Projects, *Industrial Management and Data Systems*, Vol. 104 No. 4, 334 – 346. [2*]
33. Dey P K, (2004), Decision Support System for Inspection and maintenance: A case of oil pipelines”, *IEEE Transactions on Engineering Management*, Vol. 51, NO. 1, 47 – 56. [3*]
34. Dey P K, S Hariharan, A Y Kumar and H S L Moseley, (2004), Performance measurement of intensive care services in hospital: the case of Barbados, *International Journal of Service Technology Management*, Vol. 5, No. 5/6/, 579 – 595. [2*]
35. Dey P K, (2004), Analytic hierarchy process helps evaluate projects in Indian oil pipeline industry, *International Journal of Operations and Production Management*, Vol. 24 No. 6, 588 – 604. [4*]
36. Harharan S, P K Dey, H S L Moseley, A Y Kumar, and J Gora, (2004), A new tool for measurement of process-based performance of multispecialty tertiary care hospitals, *International journal of health care quality assurance*, Vol. 17 No. 6, 302 – 312.
37. Dey P K, S O Ogunlana, and S Naksuksakul, (2004), Risk-based maintenance model for offshore oil and gas pipelines: a case study, *Journal of quality in maintenance engineering*, Vol. 10 No. 3, 169 – 183.

2005

38. Ramcharan E, and P K Dey, (2005), Environmental factors play a major role in site selection for limestone quarry expansion project of cement plant, *Impact assessment and project appraisal*, Vol. 23(2), 147 – 154.
39. Hariharan S, Dey, P K, A Y Kumar, and H S L Moseley, (2005), Analytic hierarchy process as a tool for the performance measurement on intensive care services in hospital” *Journal of critical care medicine*, Vol. 20 (2), 117 – 124. **[Impact factor 1.995]**
40. Dey P K, (2005), Social impact assessment: A case study on sewerage project in Barbados, *International Journal of Environment and Sustainable Development*, Vol. 4 (4), 464 – 477. **[2*]**
41. Dey P K and S K Mukherjee, (2005), Project risk management in analytic framework, *International journal of Industrial Engineering: Theories, Applications and Practices*, 2005, Vol. 12 (4). **[Impact factor 0.396]**

2006

42. Prasanta Kumar Dey, Seetharaman Hariharan, Naomi Brookes, (2006) "Managing healthcare quality using logical framework analysis", *Managing Service Quality*, Vol. 16 Iss: 2, pp.203 – 222. **[Impact factor 1.054]**
43. Hariharan S, D Chen and P K Dey, (2006), Innovation management using logical framework in hospital-based health care units, *International journal of innovation and learning*, Vol. 3 (3), 299 – 314.
44. Dey P K, (2006), Reengineering Helps Improve Materials Procurement in Indian Oil Refinery, *International Journal of Innovation and Learning*, Vol. 3, No. 5, 537 – 557.
45. Dey P K, (2006), Innovation in project management practices: a case of Indian organization in petroleum industry, *International Journal of Innovation and Learning*, Vol. 3, No. 6, 618 – 634.
46. Dey P K, Gupta S S, Ho W, (2006), Technology management in oil pipelines industry, *International Journal of Service Technology Management*, Vol. 7 (2), 185 – 200. **[2*]**
47. Dey P K, (2006), Integrated approach to project selection using multiple attribute decision-making technique” *International Journal of Production Economics*, Vol. 103, 90 – 103. **[3*]**
48. Dey, P K, S Hariharan and B Clegg, (2006), Measuring the Operational Performance of Intensive Care Units using the Analytical Hierarchy Process Approach, *International Journal of Operations and Production Management*, Vol. 26 No. 8, 849 – 865. **[4*]**
49. Ho, W., Ji, P. and Dey, P. K. (2006), A multi-depot traveling salesman problem and its iterative and integrated approaches”. *International Journal of Operational Research*, Vol. 1 (4), 382 – 395.
50. Ho, W., Dey, P. K. and Higson, H. E. (2006), Multiple criteria decision making techniques in higher education. *International Journal of Educational Management*, Vol. 20, No. 5, 319 – 337. **[2*]**

2007

51. Dey, P K, S Hariharan and W Ho, (2007). Managing healthcare technology in quality management framework, *International Journal of technology management*, Vol. 40 No. 1/2/3, 45 – 68. **[2*]**
52. Dey P K and Hariharan S, (2007), Integrated approach to healthcare quality management: A case study”, *The TQM Magazine*, 2007, Vol. 18 No. 6, 583 – 605. **[2*]**
53. Bhattacharya, S C and Dey P K, (2007), Managing risk in a large rural electrification program in India *Impact Assessment and Project Appraisal* 25 (1), 2-14
54. Dey, P K, Kinch, J and Ogunlana, S O, (2007), Managing risk in software development projects, *Industrial Management and Data System* 107 (2), 284-303. **[2*]**

55. Dey, P K, Hariharan, S and Chen, D, (2007), Managing healthcare quality in project management framework, *International Journal of Service Operations Management* 3 pp 261-278.
56. Ho, W, Higson, H E & Dey, P K (2007), An integrated multiple criteria decision making approach for resource allocation in higher education *International Journal of Innovation and Learning* 4 (5) pp 471-486.
57. Thuyet, N V, Ogunlana, S O, Dey, P K (2007), Risk management in oil and gas construction projects in Vietnam *International Journal of Energy Sector Management* 1 (2) pp 175-194.

2008

58. Mukherjee, N. and Dey P K, (2008), Decision support system for Spare Parts Warehousing, *Cost Engineering journal*, 50 (5), 24 – 34.
59. Dey, P K and Hariharan, S (2008), Managing healthcare quality using combined SWOT and the analytic process *International Journal of Healthcare Technology Management*, 9 (4), pp 392-409
60. Dey, P K & Hariharan, S, Despici, O (2008), Managing healthcare performance in analytic framework, *Benchmarking: an international journal*, 15 (4), pp 444-468 [2*]
61. Dey, P K & Ramcharan, E. (2008), Analytic hierarchy process helps select site for limestone quarry expansion in Barbados, *Journal of Environmental Management*, 88 (4), pp1384-1395 [3*]
62. Dey, P K & Kinch, J. (2008), Managing risk in information technology projects *International Journal of Risk Assessment and Management*, 9 (3), pp 311-329
63. Ho, W, Jing, P & Dey, P K. (2008), Optimization of PCB component placements for the collect-and-place machines, *International Journal of Advanced Manufacturing Technology*, 37 (7-8), pp 828-836 [2*]

2009

64. Dey, P. K. Charoenngam, C. Ogunlana, S. O. and Kajornkiat, D. (2009), Multi-party risk management helps manage cement plant construction in Thailand, *International journal of service technology management*, Vol. 11 (4), 411 – 435. [2*]
65. Dey, P. K., Hariharan, S. and Ho, W (2009), Innovation in healthcare services: a customer-focused approach, *International Journal of Innovation and Learning*, Vol. 6 (4), 387 - 405
66. Dey, P. K., Ho, W., Albores, P. and Bennett, D. J. (2009), Editorial: Technology and business integration, *Technology analysis & strategic Management*, Vol. 21 (5), 583 – 586. [2*]
67. Ho W, Higson HE, Dey PK, Xu X, Bahsoon R (2009) Measuring performance of virtual learning environment system, *Quality Assurance in Education*, Vol. 17(1), pp. 6–29.

2010

68. Dey, P. K., Clegg, B. T. and Bennett, D. J. (2010), Managing Enterprise Resource Planning Projects, *Business process management journal*, 16 (2), 282 – 296. [2*]
69. Hariharan, S. and Dey, P. K. (2010), A comprehensive approach to quality management of intensive care services, *International Journal of Health Care Quality Assurance*, Vol. 23 (3), 287 – 300.
70. Ho W, Xu X, Dey PK (2010) Multi-criteria decision making approaches for supplier evaluation and selection: a literature review. *European Journal of Operational Research*, Vol. 202(1), pp. 16–24. [4*]
71. Dey, P. K, (2010), Project risk management using the analytic hierarchy process and risk map, *Applied soft computing*, Vol. 10, 990 – 1000. [Impact Factor 2.81]

72. Beldi, A., Cheffi, W., and Dey, P.K. (2010), Managing customer relationship management projects: the case of a large French telecommunication company, *International journal of project management*, 28 (4), 339 – 351. [3*]
73. Nixon, J, Dey, P. K, and Davies, P. (2010), Which is the best solar thermal collection technology for electricity generation in north-west India? Evaluation of options using the Analytical Hierarchy Process, *Energy*, 35, 5230 – 40 [3*]

2011

74. Ho, W., Dey, P., and Lockstrom, M. (2011), Strategic Sourcing: A combined QFD and AHP approach in manufacturing, *Supply chain management: International Journal*, Vol.16. No 6. 446 – 46. [3*]
75. Eswarlal, V., Dey, P K, and Shankar, R. (2011), Bio-energy project planning using Interpretive Structural Modelling Approach, *Journal of Scientific and Industrial Research*, Vol. 70, 713 – 20. [impact factor 0.5]
76. Emrouznejad, A. and Dey, P K., (2011). Guest Editor of special issue of JOMS in “Performance Measurement in the Health sector; Uses of Frontier Efficiency Methodologies and Multi-Criteria Decision Making”. *Journal of Medical Systems*, 35 (5), [Impact factor 2.213]

2012

77. Scott, J., Ho, W., and Dey, P. K. (2012), A review of multi-criteria decision-making methods for bioenergy systems, *Energy*, 42 (1), 146 – 156. [3*]
78. Nixon, J, Dey, P. K, and Davies, P., (2012) The techno-economic feasibility of hybrid solar-biomass power plants in India, *Energy*, 46 (1), 541–554 [3*]
79. Dey, P. K. (2012), Project risk management using multiple criteria decision-making technique and decision tree analysis: a case study of Indian oil refinery, *Production planning and control*, 23 (12), 903 – 921. [3*]

2013

80. Dey, P. K., Clegg, B. T. and Cheffi, W (2013), Risk management in enterprise resource planning implementation: a new risk assessment framework, *Production planning and control*, 24 (1), 1 – 14. [3*]
81. Dey, P K, Cheffi, W. and Nunes, B. (2013), Green Supply chain performance measurement framework using multiple criteria decision-making approach, *Production planning and control*, 24 (8 – 9), 702 – 720. [3*]
82. Luque, R., Medina, C., and Dey, P. K. (2013), Supply chain integration constructs and framework: A state of art literature review, *Production planning and control journal*, 24 (8 – 9), 769 – 784. [3*]
83. Dey, P K and Cheffi, W. (2013), Managing supply chain integration: contemporary approaches and scope for further research, *Production planning and control*, Guest editorial, 24 (8 – 9), 653 – 657. [3*]
84. J.D. Nixon, P.K. Dey and P.A. Davies (2013), Design of a novel solar thermal collector using a multi-criteria decision-making methodology. *Journal of cleaner production*, 59, 150 – 159. [Impact factor 3.844]
85. J.D. Nixon, P.K. Dey, Ghosh, S K and P.A. Davies (2013), Evaluation of options for energy recovery from municipal solid waste in India using the analytical network process. *Energy*, 59, 215 – 223. [3*]

86. J.D. Nixon, P.K. Dey, P.A. Davies and S.K. Ghosh, (2013), A comparative assessment of waste incinerators in the UK. *Waste Management*. 33 (11), 2234 – 2244. [**Impact factor 3.22**]
87. Scott, J., Ho, W., and Dey, P. K. (2013), Strategic sourcing in the UK bioenergy industry, *International journal of production economics*, 146 (2), 478 – 490. [**3***]
88. Wright, D., Dey, P. K., and Brammer, J., (2013), A Fuzzy Levelised Energy Cost Method for Renewable Energy Technology Assessment, *Energy Policy*, 62, 315 – 323. [**2***]
89. Nixon, J. Dey, P. K, Davies, P. (2013) "An interdisciplinary approach to designing and evaluating a hybrid solar-biomass power plant", *International Journal of Energy Sector Management*, 7 (3), pp.321 – 337
90. Vasudevan, P., Sen, P.K., Singh, S. N., Singh, P., Davies, P., Dey, P.K., Berry, R. (2013) "Trigeneration using biomass energy for sustainable development", *International Journal of Energy Sector Management*, 7 (3), 309 – 320.
91. Clegg, B T., MacBryde, and Dey, P K., (2013), Trends in modern operations management, Guest editorial, *International Journal of Operations and Production Management*, 33 (11/12), 1405 – 1407. [**4***]

2014

92. Dev, N. K., Shankar, R., Dey, P K., (2014) "Reconfiguration of supply chain network: An ISM based roadmap to performance", *Benchmarking: An International Journal*, Vol. 21 Issue: 3 pp.386 – 411 [**2***]
93. Devender, C., Shankar, R., Dey, P K., Chaudhary, H., and Takhur, L., (2014), Benefits of retailer-supplier partnership initiatives under time-varying demand: A comparative analytical study, *International Journal of Production Research*, Vol. 52 (14), 4267 – 4278. [**3***]
94. Brooks, N., Clark, R., Dey, P K., and Butler, M, (2014), The Use of Maturity Models in Improving Project Management Performance: An Empirical Investigation, *International Journal of Managing Projects in Business*, Vol. 7 Issue: 2, pp.231 – 246.
95. Nixon, J D., Dey, P K., Davies, P A., Sagi, S., and Berry, R., (2014) Supply chain optimisation of pyrolysis plant deployment using goal programming, *Energy*, Vol. 68 (15), 262 – 271. [**3***]
96. Eswarlal, V., Dey. P K., and Vasudevon, P., (2014), Role of Community Acceptance in Sustainable Bioenergy Projects in India, *Energy Policy*, Volume 73, October 2014, Pages 333–343 [**2***]
97. Wright, D., Dey, P. K., and Brammer, J., (2014) A barrier and techno-economic analysis of small-scale bCHP (biomass combined heat and power) schemes in the UK, *Energy*, Vol. 71, July, 332 – 345. [**3***]
98. Bhattacharya, A., Mohapatra, P., Kumar, V., Dey, P.K., Brady, M. and Tiwari, M.K., (2014) "Green supply chain performance measurement using fuzzy ANP-based balanced scorecard: a collaborative decision-making approach". *Production Planning & Control Manuscript*, Vol. 25 Issue 8, 698 – 714. [**3***]
99. Lloyds, C. and Dey, P. K., Integration in the UK bioenergy industry: results from a pilot study, *Journal of cleaner production*, Volume 79, 15 September 2014, Pages 41–52 [**Impact factor: 3.844**]
100. Dev, N. K., Shankar, R., Dey, P K., Gunasekaran, A., (2014), Holonic Supply Chain: A study from Family-Based Manufacturing Perspective, *Computers & Industrial Engineering*, Volume 78, Pages 1–11 [**3***]

2015

101. Dey, P K, Bhattacharya, A., and Ho, W., (2015), strategic supplier performance evaluation: A case-based action research of a UK manufacturing organisation, *International Journal of Production Economics*, 166, 194 – 214. [**3***]

102. Scott, J., Ho, W., Dey, P. K., and Talluri, S. (2015), A decision support system for supplier selection and order allocation in stochastic, multi-stakeholder and multi-criteria environments, *International Journal of Production Economics*, 166, 226 – 237. **[3*]**
103. Kotula, M, Ho, W., Dey, P K. and Lee, C K M., (2015), Strategic sourcing supplier selection misalignment with critical success factors: Findings from multiple case studies in Germany and the United Kingdom, *International Journal of Production Economics*, 166, 238 – 247. **[3*]**
104. Ho, W., Dey, P.K., and Bhattacharya, A, (2015), Strategic supplier selection using multi-stakeholder and multi-perspective approaches, *International Journal of Production Economics*, 166, 152 – 154. **[3*] Editorial**
105. Vasudevan, P., Sen, P K., Hegde, S., Singh, S N, Mukhopadhyay, A., Singh, P., Davies, P., Berry, R, Dey, P. K. Engineer, C., (2015), A micro industry with closed energy and water cycle for sustainable rural development, *Engineering Procedia*, 5 (2015) 36 – 45.
106. Bhattacharya, A., Dey, P. K., Ho, W., (2015), Green Manufacturing Supply Chain Design and Operations Decision-Support, *International Journal of Production Research*, 53 (21), 6339 – 43. **[3*] Editorial**
107. Purohit, A K; Shankar, R; Dey, P K; Choudhary, A., (2015), Non-Stationary Stochastic Inventory Lot-Sizing with Emission and Service Level Constraints in a Carbon Cap-and-Trade System, *Journal of Cleaner Production*, 113 (1), 654 – 661. **Impact factor: 3.844**

2016

108. Zografidou, E., Petridis, P., Arabatzis, G., Dey, P K., (2016), Optimal design of the renewable energy map of Greece using weighted goal-programming and data envelopment analysis, *Computer and Operations Research*, 66, 313 – 326. **[3*]**
109. Buttigieg, A., Dey, P K., Gauci, D., (2016) Business process management in healthcare: current challenges and future prospects, *Journal of Innovation and Entrepreneurship in Health*, 3: 1 – 13.
110. Takaya, K., Nunes, B., and Dey, P. K., (2016), Is Keiretsu Really a Source of Competitive Advantage for Japanese Automotive Suppliers?, *Journal of Manufacturing Technology Management*, 27 (1), 62 - 81, **[2*]**
111. Ting, H, Yufeng, W., Ho, W., and Dey, P K. (2016), Organising the Business Processes of a Product Servitised Supply Chain: A Value Perspective, *Production Planning and Control*, 27 (5), 378 – 393. **[3*]**
112. Sinclair A., Robin C., Guerin, A. and Dey P.K, (2016), Investigating the cost effectiveness and efficiency of incident reporting in a specialist paediatric NHS Hospital and impact on patient safety, *European Journal of Hospital Pharmacy*, Accepted for publication **[Impact factor 0.4320]**
113. Buttigieg, S., Dey, P K., and Rose, M. (2016), Combined Quality Function Deployment and the Logical Framework analysis to improve quality of emergency care in Malta, *International Journal of healthcare quality assurance*, 29 (2), 123 – 140. **[Impact factor 0.85]**

114. Safdar, K., Emrouznejad, A., and Dey, P K. (2016), Assessing the Queuing Process Using Data Envelopment Analysis: An Application in Health Centres, *Journal of Medical Systems*, 40: 32, 1 – 13, **Impact factor: 2.213**
115. Petridis, N, Stiakakis, E, Petridis, K, Dey, P K., (2016), Estimation of Computer Waste Quantities Using Forecasting Techniques, *Journal of Cleaner Production*, 112 (4), 3072 - 3085, **Impact factor: 5.715**
116. Baidya, R., Dey, P K., Ghosh, S.K, and Petridis, K., (2016), Strategic Maintenance Technique Selection using Combined Quality Function Deployment and the Analytic Hierarchy Process, *International Journal of Advanced Manufacturing Technology*, October, DOI 10.1007/s00170-016-9540-1 [**2***]
117. Bhattacharya, A, Cheffi, W., and Dey, P K, (2016), Recent advances in manufacturing operations management, *Production Planning and Control Journal*, Vol 27 (1), doi: 10.1108/JMTM-12-2015-0109 Guest Editorial
118. Albores, P., Petridis, K., Dey, P. K., (2016), Analysing Efficiency of Waste to Energy Systems: Using Data Envelopment Analysis in Municipal Solid Waste Management, *Procedia Environmental Sciences*, Vol 35, 265-278.
119. Petridis, K., Dey, P. K., (2016), A DEA/Goal Programming Model for Incineration Plants Performance in the UK, *Procedia Environmental Sciences*, Vol 35, 257-264.
120. Sandra C. Buttigieg, Dorothy Gauci, Prasanta Dey, (2016) "Continuous quality improvement in a Maltese hospital using logical framework analysis", *Journal of Health Organization and Management*, Vol. 30 Issue: 7, pp.1026-1046, <https://doi.org/10.1108/JHOM-11-2015-0185>

2017

121. Chattopadhyay, A., Dey, P. K., and Ghosh, S. K., (2017), Dynamics of Spatial Heterogeneity in a Landfill with Interacting Phase Densities - A Stochastic Analysis, *Applied Mathematical Modelling*, Vol 41, 350 - 358 [**Impact factor: 2.291**]
122. Thanassoulis, E., Dey P.K., Petridis, K., Georgiou, A., Goniadis, I. (2016). Evaluating higher education teaching performance using combined analytic hierarchy process and data envelopment analysis, *Journal of Operations Research Society*, Vol 68 (4), 431 - 445 [**3***]
123. Nixon, J D. Dey, P. K., and Ghosh, S K. (2017), Energy recovery from waste in India: an evidence-based analysis, *Sustainable Energy Technologies and Assessments*, Vol 21, 23 – 32. [**Impact factor: 1.09**]
124. Petridis, P, Petridis, N, Stiakakis, E., and Dey, P K., (2017) Investigating the factors that affect the time of maximum rejection rate of e-waste using survival analysis, *Computer and Industrial Engineering*, Vol 108, 15 – 26. [**Impact factor: 2.086**][**2***]
125. Dey, P K, (2017) "Challenges of today's energy sector", *International Journal of Energy Sector Management*, Vol. 11 (2): 2, doi: 10.1108/IJESM-04-2017-0001 Editorial
126. Soni, V., Dey, P.K., Anand, R., Malhotra, C., Banwet, D., (2017), "Digitizing Grey Portions of e-Governance", *Transforming Government: People, Process and Policy*, Vol. 11, No. 3, 419 – 455.
127. Petridis, K., Dey, P.K., Emrouznejad, A. (2017). A Branch and Efficiency (B&E) algorithm for the optimal design of supply chain networks, *Annals of Operations Research*, Vol 253 (1), 545 – 571, [**3***]

128. Soni, V., Anand, R., Dey, P.K., Dash, A.P., Banwet, D. (2017), "Quantifying e-Governance Efficacy towards Indian–EU Strategic Dialogue. ", *Transforming Government: People, Process and Policy*, Accepted for publication
129. Kalapoutia, K., Petridis, K., Malesios, C., Dey, P. K., (2017) Measuring efficiency of innovation using combined Data Envelopment Analysis and Structural Equation Modeling: Empirical study in EU regions, *Annals of Operation Research*, Accepted for publication [3*]

Under review

1. Dey, P.K., Petridis, N., Petridis, K., Malesios, C., Nixon, J, Ghosh, S.K. (2017). Environmental performance and corporate social responsibility: a comparison of SMEs in the UK and India. *Journal of cleaner production*, [Impact factor: 5.715]
2. Petridis, K., Dey, P.K. (2017). Measuring UK incineration plants’ performance using a hybrid Data Envelopment Analysis and Goal Programming model. *Annals of Operations Research*, under 2nd review [3*]
3. Dey, P.K., Abdelaziz, F., Yang, G., Malesios, C., (2017), Supply Chain Sustainability Performance Management of Small and Medium-sized Enterprises using Combined Data Envelopment Analysis and Structural Equation Modelling, *Production Planning and Control*, [3*]
4. Safdar, K., Dey, P. K., Emrouznejad, A., (2017), A model for queuing management in tertiary care hospital in Pakistan using combined queuing theory and data envelopment analysis, *Annals of Operations Research* , [3*]
5. Kotula, M., Ho, W., Talluri, S. and Dey, P K, Managing Risk in Strategic Sourcing: A Cross-Sectional and Multi-National Case Study, *Journal of Business Logistics*, [3*]
6. Dey, P.K., Malesios, C., Skouloudis, A., Ghosh, S.K., Abdelaziz, F.B. and Albores, P. (2017). "Supply Chain Sustainability Practices and Performances of Small and Medium-sized Enterprises: Empirical study in the UK, France and India”, *Business Strategy and the Environment* [3*]
7. Gupta, R., Shankar, R., Choudhary, A., Dey, P. K., Risk Profiling of food security, *Risk Analysis*, [4*]
8. Malesios, C., Skouloudis, A. and Dey, P. (2017). Investigating the impact of SMEs sustainability practices and performance on economic growth: some modeling considerations. *Business Strategy and the Environment* [3*],
9. Buttigieg, S., Gauci, D., Bezzina, F., and Dey, P. K., (2017), Determining optimal surgical length of stay using multi-criteria decision-making, *Journal of Health Organization and Management*, Impact factor 1.070
10. De, D., Dey, P. K., Ghosh, S. K., and Chowdhury, S. (2017), Measuring impact of innovation-led lean approach on supply chain sustainability of small and medium-sized enterprises in India: A data envelopment analysis based approach, *International Journal of Production Economics*, [3*]

11. Dey, P. K., Malesios, C., Chowdhury, S., Abdelaziz, F. B., and De, D. (2017), Could Lean and Innovation Enhance Supply Chain Sustainability of Small and Medium sized Enterprises? *International Journal of Production Economics*, [3*]
12. Malesios, C., Dey, P. K., and Abdelaziz, F. B. (2017), Measuring supply chain sustainability performance of small and medium sized enterprises using structural equation modeling, *Journal of Environmental Management*, [3*]
13. Petridis, K., Unsal, M.G., Dey, P.K., Orkcu, H.H. (2016). Performance measurement of Turkish electric distribution companies using Network DEA. *Energy*, [3*]

Editorships

Chief Editor, International Journal of Energy Sector Management. (2012 - Present)

Editorial Review Board Member, *Journal of Advances in Management Research*. (2011 - Present)

Editor, Special Issue, *International Journal of Operations and Production Management*. (2013)

Editor, Special Edition, *International Journal of Production Economics*. (2014)

Editor, Special Issues, *International Journal of Production Research*. (2014)

Editor, Special issue, *Journal of Manufacturing Technology Management* (2014 – 15)

Founder and Co-editor, *International Journal of Energy Sector Management*. (2007 - 2012)

Editor, Special Issue, *Production Planning and Control*. (2011)

Editor, Special Issue, *Journal of Medical Systems*. (2010)

Editor, Special Issue, *Technology Analysis and Strategic Management Journal*. (2009)

Editorial Review Board Member, *Emerging Market Case Studies*.

Key notes in 2015 - 16:

Portsmouth University, Department of Mathematics:

Supply chain optimization of Small and Medium-sized enterprises

Jadavpur University, Faculty of Engineering:

Sustainable supply chain management of small and medium-sized enterprises

Neoma Business School, France:

Supply chain optimization and its application in manufacturing, process and service industries

Knowledge Brief, UK:

Process innovation using supply chain management theory

Icon SWM Conference, Hyderabad:

Comparative analysis waste to energy initiatives of India and the UK

European Bio Research Institute and Local Enterprise Partnership:

Decision support system for waste to energy initiatives in the UK

Asian Institute of Technology, Thailand:

Lean and green initiatives of small and medium-sized organisations in developed and developing countries

University of Thai Chamber of Commerce, Thailand:

Sustainable supply chain management

University of Dubai:

Risk management in oil and gas industry

British Council, Delhi:

Climate change issues and environmental performance of small and medium sized organisations in India and the UK

Municipal solid waste management: Decision Support Systems for project planning, implementation and operations

University of Malta, Malta:

Healthcare quality improvement using supply chain principles

Aston University:

Critical success factors for writing in top academic journals

Neoma Business School, Reims, France:

Sustainable supply chain management: Comparative analysis of SMEs in France and the UK

Monash University Campus in Prato, Italy

Low carbon SMEs

The International Symposium on the Analytic Hierarchy Process (ISAHP), 4 – 7 August 25, 2016, London

Enhancing Sustainability of Small and Medium Sized Enterprises using Analytical Framework

Delivered executive developed programs for the following organisations:

1. Various Ministries of Barbados Government
2. Mater Dei Hospital, Malta
3. National Health Services in the UK,
4. JCB,
5. Jaguar and Land Rover,
6. Atkins
7. L'Oréal
8. Tanslink Bus Services
9. Indian Oil Corporation Limited