

# NICMAR Research Publications Details

(April 2014 – March, 2015)

## Research Paper Publications (Faculty Members)

### I. Papers Published in Journal

#### A. Print Journal

##### i International Journal

1. **Desai, V.** (Jan.-March, 2015). Risk Analysis Using Simulation Software Applied on a Road Infrastructure Project. *International Journal of Risk and Contingency Management*. Vol. 4, No. 1, pp. 53-62.
2. Hyuk-Jae Roh, **Sahu, P. K.**, Ata M. Khan, Sharma, S. (Nov. 2014). Relative Efficiency Appraisal of Discrete Choice Modeling Algorithms Using Small-Scale Maximum Likelihood Estimator Through Empirically Tailored Computing Environment. *Journal of Modern Transportation*, Springer.
3. **Pawar, A. D.** Sarup, J. and Mittal, S. K. (Oct.-Dec., 2014.). Application of GIS and RS for Morphometric Analysis of Upper Bhima Basin: A Case Study. *Journal of The Institution of Engineers (India): Series A - A 'Springer' Publication*. Vol. 95, No.4, pp. 249-257.
4. Pethe, A., **Ramakrishna N.**, Gandhi S., Tandel, V. (Sept. 2014). Re-thinking Urban Planning in India: Learning from the Wedge between the *De Jure* and *De Facto* Development in Mumbai. *Cities*. Vol. 39. pp. 120–132.
5. **Phadtare, M.** (July-Sept., 2014). Causes of Delay in Budget Hotel Construction Projects : A Case of India. *International Journal of Information Systems and Social Change*. Vol. 5, No. 3, pp. 49-63.
6. Prasad, K. D., Jha, S. K. and **Prakash, A.** (Feb., 2015). Quality, Production and Business Performance in Home Based Brassware Manufacturing Units. *International Journal of Productivity and Performance Management (Emerald Group Publishing Ltd.)*. Vol. 64, No. 2, pp. 270-287.
7. **Sahu, P. K.**, Sharma, S. and Patil, G. R. (2014). Classification of Indian Seaports Using Hierarchical Grouping Method. *Journal of Maritime Research*. Vol. 11, No. 3, pp. 51-57.
8. **Singh, R.** and Rangan B. (March, 2015). Estimation of Rooftop Solar Photovoltaic Potential of a City. *Solar Energy (Science Direct)*. Vol. 115, pp. 589-602.
9. Vohra, V., Bahadur, A. and **Lele, V.** (Dec. 2014). Integration Challenges at Trident Chemicals Ltd. *Emerald Emerging Markets Case Studies*, Vol. 4, No. 7, pp. 1-14.

##### ii National Journal

1. Almast, A. M., Ahakravarti, A. A., Purjekar, P. S. and **Ravinder, B.** (Jan., 2015). Valuation of Agricultural Land. *Indian Valuer*. Vol. XLVII, No. 1, pp. 27-35.
2. **Anand, P.** and Behera, P. (Dec. 2014). Blueprinting Best Practices in Supply Chain Management. *Materials Management Review*. Vol. 11, No. 2, pp. 45-48.
3. **Edison, J. C.** (Feb., 2015). Fastest Growing Construction Companies in India. *The Master Builder*. Vol. 17, No. 2, pp. 58-72.

4. **Joshi, M. S.** and Sridharan, S. (March, 2015). The Damn Lucky Fellow and the 3 Housewives. *Perspective – A Case Research Journal*. Vol. 1, No. 1, pp. 1-23.
5. **Koner, J.** and Bhattacharya, B. (June, 2014). Role of Development Banks towards Indian Industrial Growth : A Study on Some Selected Industries. *Perspective on Management*. Vol. 6, No. 1, pp. 1-14.
6. **Madurwar, M. V.,** Mandavgane, S. A. and Ralegaonkar, R. V. (Sept. 2014). Use of Sugarcane Bagasse Ash as Brick Material. *Current Science*. Vol. 107, No. 6, pp. 1044-1051.
7. **Nagarjuna, P.** and **Samanta, P. K.** (Feb. 2015). Toll Supported Finance for Highway Development in India. *IOSR Journal of Business and Management*. pp. 38-44.
8. **Nagarjuna, P.** and **Samanta, P. K.** (Nov., 2014). Conceptual Framework of Performance Indicators for Operational Performance of Toll Roads. *The IUJ Journal of Management*. Vol. 2, No. 2, pp. 48-52.
9. **Rao, H. P.** and Dutta, S. (Sept., 2014). Fundamental Analysis of the Banking Sector in India, *Indian Journal of Finance*, Vol. 8, No. 9, pp. 47-56.
10. **Pai, S.** and **Shriwas, A.** (Dec., 2014). Analysis of Solid Waste Management Model in Denmark. *Journal of Indian Building Congress (Preliminary Publication)*. Vol. XXI, No. 2, pp. 148-152.
11. **Pathak, S. R.** and **Yadav, S.** (Oct., 2014). Behaviour of Recycled Aggregate in Concrete. *Indian Construction*. Vol. 47, pp. 12-18.
12. **Patil, V.** (June-August, 2014). Eradication of Child Labour-Socio-Legal Challenge and Judicial Activism in India. *American International Journal of Research in Humanities, Arts and Social Sciences*. Vol. 7, No. 2, pp. 186-190.
13. **Rai, S.** (Oct. 2014). Strategic HRM Perspectives: Study of Indian Gen Y Management Professionals. *Journal of Strategic Human Resource Management*. Vol. 3, No. 3, pp. 10-18.
14. **Ramakrishna N.** (July 2013-June 2014). Strategising Poverty Reduction at City Level : The Approach of Hyderabad. *Indian Journal of Inclusive Growth*. Vol. 1, No. 2, pp. 187-192.
15. **Ramakrishna N.** (June, 2014). Markets of Environmental Products and Services: A Review of Asia Pacific Countries. *TERI Information Digest on Energy and Environment*. Vol. 13, No. 2, pp. 163-176.
16. **Ramakrishna N.,** B. Avanthi and P. Avanthi. (April-June, 2014). An Assessment of land acquisition under Hyderabad Outer Ring Road Project. *Indian Journal of Transport Management*. Vol. 38, No. 2, pp. 124-137.
17. **Ramakrishna, N.** (July-Dec., 2014). Capacity Building for Urban Governance: CENA Approach of Andhra Pradesh. *Urban India*. Vol. 34, No. 2, pp. 37-54.
18. **Rao, H. P.,** Dutta, S. and Gupta, N. (Sept., 2014). Post Recession Performance Analysis of Indian Banks: A Study of 2008-2012. *Pacific Business Review International*. Vol. 7, No. 3, pp. 1-12.
19. **Roy, D.** (April-June 2014). Restoration of Heritage Sites in India through Public Private Partnerships. *NICMAR-Journal of Construction Management*, Vol. XXIX, No. 2, pp. 59-64.

20. **Sahu, P. K.**, Sharma, S. and Roh, H. J. (Oct.-Dec., 2014). Estimation Of Aggregate Zonal Trips Using Univariate and Multivariate Linear Regression Models. *NICMAR-Journal of Construction Management*. Vol. XXIX, No. 4, pp. 34-39.
21. Saketh, G. P., Swaroop, C. M., Das, Mrunalini, R. G. and **Das M.** (July, 2014). Impact Index : A New Tool for Improving Organization's Performance. *The IUP Journal of Organizational Behaviour*. Vol. XIII, No. 3, pp. 71-79.
22. **Shah, M. N.** and Gottipati, T. B. (Oct.-Dec., 2014). Indian Real Estate: Will Awarding on Industry Status, Improve its Prospects?, *Journal of the Institute of Town Planners, India*. Vol. 11, No. 4, pp. 85-102.
23. **Singh, I.** (April-June, 2014). Planning and Controlling of a National Highway Project – A Case Study. *Journal of the Indian Roads Congress*. Vol. 74, No. 4, pp. 92-102.
24. **Singh, I.** (Jan., 2015). Imperative of New Techniques in Material Management. *Indian Highways*. Vol. 43, No. 1 pp, 20-24.
25. **Singh, I.** (March, 2015). Imperative of Public Private Partnership in National Highway Projects. *Indian Highways*. Vol. 43, No. 3, pp. 19-24.
26. **Sundrani, D.** and **Vyas, V. D.** (Dec., 2014). Energy from Human Excreta. *Journal of Indian Building Congress (Preliminary Publication)*. Vol. XXI, No. 2, pp. 127-131.
27. **Srihari, V.** and Das, A. (Nov. 2014). Remediation Strategies for Phenolic Compounds Toxicity. *Asian Journal of Pharmacy and Technology*. Vol. 4, No. 4, pp. 179-183.

#### **B. Online Journal**

1. **Bhojar, S.** and Parbat, D. K. (Aug., 2014). Multi-Objective Model for Time-Cost Trade-Off in Repetitive Construction Project. *International Journal of Civil, Structural, Environmental & Infrastructure Engineering Research and Development*. Vol. 4, No. 4, pp. 13-24.
2. **Bhojar, S.** and Parbat, D. K. (June, 2014). Optimal Scheduling for Repetitive Construction Projects with Multiple Crews. *International Journal of Emerging Technology and Advanced Engineering*. Vol. 4, No.6, pp. 302-307
3. **Bhojar, S.** and Parbat, D. K. (Sept., 2014). Repetitive Projects Scheduling: Developing CPM-Like Analytical Capabilities. *International Journal of Civil Engineering*. Vol. 4, No. 5, pp. 37-46.
4. Chandra, R., Rahul N. and **Yadav, S.** (2014). Achievement of Early Compressive Strength in Concrete using *Sporosarcina pasteurii* Bacteria as an Admixture. *International Journal of Advances in Civil Engineering*. pp. 1-7.
5. Chowdary, N. P., Reddy, P. V., Kiran, N. V., Arya, H. A. T., and **Pai, S.** (July-Sept. 2014). Enhancing the Strength Properties of Concrete through Activation Techniques. *International Journal of Research in Management & Social Science*. Vol. 2, No. 3 (II), pp. 172-177.
6. Godbole, K. M., Sawant, P. H. and **Das, B. B.** (Dec., 2014). Corrosion Assessment of Reinforced Steel Bars in Concrete Structures Exposed to Marine Environment - A Bridge Case Study. *Journal of Advanced Research in Civil and Environmental Engineering*. Vol. 1, No. 3 & 4, pp. 1-16.

7. Patil, S. S., Oarbade, S. S., Pund, S. D., Sahoo, S. And **Das, B. B.** (Dec., 2014). Properties of Light Weight Aggregate Concretes produced by pelletization and Sintering Process. *Journal of Advanced Research in Civil and Environmental Engineering*. Vol. 1, No. 3 & 4, pp. 1-9.
8. **Patil, V.** (April, 2014). A Study Of Delay In Arbitration Proceedings Due To Disputes Raised in Courts Related To Construction Claims. *Research Journali.com - Journal of Management*. Vol. 2, No. 3, pp. 2-13.
9. **Patil, V.** (June, 2014). Management of Workplace Injuries Related to Unorganised labour in Construction Industry in India – A Legal Perspective. *International Journal of Innovative Research & Studies*. Vol. 3, No. 6, pp. 416-422.
10. **Pawar, A. D.,** Sarup, J. and Mittal, S. K. (2014). Application of GIS and RS for Flood Evacuation Planning: A Lonavala Case Study. *International Journal of Ecology and Development*. Vol. 29, No. 3, pp. 70-78.
11. **Prakash, A.** (March, 2015). Business Uses of Life Insurance in a Civilised World. *Journal of Advanced Research in Entrepreneurship, Innovation & SMES Management*. Vol. 1, No. 2, pp. 1-7.
12. **Ramana, K. R., Pramadha, V.** and **Ramakrishna, N.** (Jan.-March, 2015). An Evaluation of Skill Development Training in Construction Sector: A Study of NAC. *International Journal of Organizational Behaviour and Management Perspective*. Vol. 4, No. 1, pp. 1393-1399.
13. **Ravinder, B.** and **Srinivas, K.** (Jan.-June, 2014). Development of Regression Model for Project Risk Prioritization of Building Construction Projects. *African International Journal of Research in Management*. Vol. 2, No. 3, pp. 175-180.
14. **Shan, M. N.** and **Ramakrishna, R.** (Feb., 2015). Detroit: The Case of Bankruptcy of a City Government. *IOSR Journal of Business and Management*. Vol. 5, pp. 66-73.
15. Singh, A. K., Jha, S. K. and **Anand, P.** (Dec., 2014). Adoption of Green Manufacturing (GM) in Selected Indian Industries. *International Journal of Applied Engineering Research*. Vol. 9, No. 23, pp. 20383-20404.
16. **Totla, P.,** Saini, S., Bhele, A and Jupally, V. (Feb., 2015). Compliance Driven Cost Control for Telecom Infrastructure Operation Management. *Indian Journal of Science and Technology*. Vol. 8 (S4), pp. 259-267.

## II. Papers Published in Proceedings

1. Bang, V. V. and **Phadtare M.** (March, 2015). Evidence in Management Research - Some Conceptual Issues. *Proceedings of International Conference on Evidence Based Management - 2015 Published by Birla Institute of Technology & Science, Pilani*.
2. Bhattacharjee, D. and **Anand P.** (Nov. 2014). Practicing Strategic Planning for Collaboration in Oil Sector and Auto-Servicing Sector. *Proceedings of Best Practices in Supply Chain Management*. Nov. 28-30.
3. Chen, C., Martek, I. and **Shah, M. N.** (May, 2014). The Advantages of the Construction Sector of China and India: A Comparison. *Proceedings of 'The 2014 Construction Research Conference on "Construction in a Global Network"'*. Sponsored by 'The Construction Institute of the American Society of Civil

Engineers' USA.

4. **Ganguli, T. K.** and **Agarwal, A. L.** (Feb., 2015). Training To Meet the Needs of the 'Y' Generation for the Successful Delivery of Construction Projects. *Conference Proceedings- Project Management Excellence*. Mumbai. pp. 21-26.
5. Hyuk-Jae Roh, Sharma, S. and **Sahu, P. K.** (Aug., 2014). Application of Combined Chi-squared ( $\chi^2$ ) and Binomial Statistical Test on Truck Type Distribution in Canada Provincial Highways. *Proceedings of Seoul International Conference on Applied Science and Engineering*. Korea. pp. 535-543.
6. **Jain, Sachin** and Jain, Suman. (2014). Robots: A Tool for Achieving Cost Effectiveness and Time Saving in Composite Construction Especially in India. *Proceedings of CEMCON 2014*, pp. 76-85.
7. **Koner, J.** and **Shah, M. N.** (Feb., 2015). An Empirical Investigation of Causes and Remedies for Delays and Cost Overruns in Mega Power Projects in India. *Conference Proceedings- Project Management Excellence*. Mumbai. pp. 141-146.
8. Maji, A., Mourya, A. K. Nama S. and **Sahu, P. K.** (Dec. 2014). Alternative Layout of Intersections Under Flyover. *Proceedings of the 19<sup>th</sup> International Conference of Hong Kong Society for Transportation Studies*. pp. 1-9.
9. **Prabhudesai, V.**, Khandolkar, Y. **D'souza, L.** (Feb. 2015). Making Public Private Partnership Work in Urban Basic Services – Case Study in Urban Water Supply Sector in India. *Proceedings of 5<sup>th</sup> National Conference on Emerging Trends in Engineering, Technology and Architecture*. Published by Dr. D Y Patil College of Engineering & Technology, Kolhapur, India. pp. 111-115.
10. **Prahlada R.** and Deka P. C. (March, 2015). Forecasting of Time Series Significant Wave Height using Wavelet Decomposed Neural Network. *Aquatic Procedia, Published in Science Direct*. Vol. 4, pp. 540-547.
11. **Ramakrishna, N.**, Wakhloo, A. and Bhattacharya, A. (Feb., 2015). Stakeholders' Assessment of the Infrastructure Project Delays and their Causal Factors. *Conference Proceedings - Project Management Excellence*. Mumbai. pp. 155-167
12. **Sahu, P. K.** and Patil, G. R. (Dec., 2014). Statistical Investigation and Demand Estimation of Commodity Flow at Mumbai Port. *Proceedings of International Conference on Transport Planning & Implementation Methodologies for Developing Countries (TPMDC)*. pp. 256-264.
13. **Sahu, P. K.** and Patil, G. R. (Jan., 2015). Simultaneous Demand Estimation Model for Major Seaports in India. *Proceedings of Transportation Research Board's 94th Annual Meeting*, Washington D.C., USA. pp. 1-19.
14. **Samanta, P. K.** (Sept. 2014). An Overview of Entrepreneurship Financing in India. *Proceedings of "Unleashing Entrepreneurship in India: Opportunities and Challenges"*, pp. 269-276.
15. Singhal, S., Madhusudan, A. and **Sahu, P. K.** (Dec. 2014). Unconventional Intersection Layout: An Improved Approach for Intersection Design. *Proceedings of National Conference on Current Trends in Civil Engineering*, Published by Yeshwantrao Chavan College of Engineering, Nagpur, India

16. Sridharan, S. and **Joshi, M. S.** (Feb., 2015). Ownership Patterns and Firm Life Cycle Stages: Evidence from S & P BSE 500, India. *Proceedings of 3rd International Conference on Emerging Challenges in Business for Global Sustainability*. Published by Symbiosis Institute of International Business.
17. **Totla, P.**, Saini, S., Bhele A and Jupally, V. (Feb. 2015). Compliance Driven Cost Control for Telecom Infrastructure Operation Management. *Indian Journal of Science and Technology*. Vol. 8(S4), pp. 259-267.

### III. Papers / Cases Published in Edited Book

1. **Desai, D.** (Aug., 2014). Electric Motocomp Private Limited. *Industrial Marketing* (2<sup>nd</sup> Edition). *PHI Learning Private Limited*, Delhi. pp. 248-256.
2. **Desai, D.** (Aug., 2014). Protective Coatings India Limited. *Industrial Marketing* (2<sup>nd</sup> Edition). *PHI Learning Private Limited*, Delhi. pp. 257-261.
3. **Koner, J., Samanta, P. K.** and Chatterjee, A. (Dec., 2014). Role of Insurance Business Volume on Indian Economic Development: An Empirical Study of Post IRDA period. *Edited Book: Management Innovation and Intervention for Sustainable Development*. Excel Publisher, pp. 9-13.
4. Manna, A., Chandak, A. and **Jain, Sameer.** (2014). Conceptual framework of Information retrieve and re-use through web based Management Information System in Construction Projects. *Outcome based Competitive Strategies – Issues & Challenges (Edited Book)*, Chapter – 23. The Associated Publishers, Ambala. India, pp. 291-308.
5. **Phadtare M. (2014)**. *Industrial Marketing* (2<sup>nd</sup> Edition). *PHI Learning Private Limited*, Delhi, India.
6. **Pramadha, V.** (Feb. 2015). Excellence in Management Education. *Challenges in Management Education – An Indian Perspective (Edited Book)*. Paramount Publishing House, New Delhi, India.
7. **Purandare, A.** (Aug., 2014). Automated Solutions Private Limited. *Industrial Marketing* (2<sup>nd</sup> Edition). *PHI Learning Private Limited*, Delhi. pp. 257-261.
8. **Shah, M. N.** (Aug., 2014). Fast Operating Epoxies: Market Potential Analysis. *Industrial Marketing* (2<sup>nd</sup> Edition). *PHI Learning Private Limited*, Delhi
9. **Sundrani, D.** (Dec., 2014). *Industrial Marketing of Cement in India*. *Innovative Ideas in Business Management*. Chapter 44, pp. 367-374, Edited Book. Bharti Publications, New Delhi, India
10. **Sundrani, D.** (Jan., 2015). Application of Information Technology and Social Media in Marketing of Houses in India. *Advances in Management and Technology - Mapping Strengths with Opportunities (Edited Book)*. McGraw Hill Education (I) Pvt. Ltd. New Delhi, India.

### IV. Book Review

1. **Koner, J.** (April.-June, 2014). An Uncertain Glory: India and Its Contradictions. *NICMAR-Journal of Construction Management*. Vol. XXIX, No. 2, pp. 65-66.
2. **Koner, J.** (Jan.-March, 2015). Construction Economics: A New Approach. *NICMAR-Journal of Construction Management*. Vol. XXX, No. 1, pp. 111-112.

3. **Samanta, P. K.** (May, 2014). Urbanization in Asia: Governance, Infrastructure and Environment. *The IUJ Journal of Management*. Vol. 2, No. 1, pp. 102-104.
4. **Shah, M. N.** (Oct.-Dec., 2014). Handbook of Project Management. *NICMAR-Journal of Construction Management*. Vol. XXIX, No. 4, pp. 55-56.