

DEPARTMENT OF ARCHITECTURE & PLANNING, BIT, MESRA,
RANCHI

Publications During 2025-2024, 2024-2023, 2023-2022, 2022-21, 2021-20, 2020-19, 2019-18, 2018-17, 2017-16, 2016-15, 2015-14, 2014-13

Sl. no	Authors	Title	Journal /Proceeding	Vol. No., Issue no. pp	Year	ISSN/DOI
2025						
1	Shama Parween, Rajan Chandra Sinha	An Integrated Model for Water Resource Allocation, Distribution and Management: A Genetic Algorithm-Based Optimisation Model	Water Resources Management	1-25	2025	https://doi.org/10.1007/s11269-025-04217-3
2	Manish M. Nair, Shama Parween, Rajan Chandra Sinha	Suitability Assessment for Pluvial Flood Mitigation in Dense Urban Areas, Using Nature-Based Solutions: A Case of Delhi	Journal of Urban and Regional Analysis	17(1), 96-116	2025	https://doi.org/10.37043/JUR A.2025.17.1.5
3	Nishat Afshan & Rajan Chandra Sinha	Identification of indicators of urban affordable housing location choice for low-income households: a Delphi analysis	Housing and Society	287-317	2024	https://doi.org/10.1080/08882746.2024.2370192
4	Debasmita Basu & Smriti Mishra	Reclamation and Community Dynamics: Assessing Socio-Environmental Impacts of Mining in Manikpur, Chhattisgarh	Journal of Mining and Environment	Vol. 16, No. 3; pp: 847-875	2024	https://doi.org/10.22044/jme.2024.15258.2922

5	Aditi Nag & Smriti Mishra	Revitalizing Mining Heritage Tourism: A Machine Learning Approach to Tourism Management	Journal of Mining and Environment	Volume 15, Issue 4; pp: 1193-1225	2024	https://doi.org/10.22044/jme.2024.13770.2554
6	Rizwan Kazmi & Manjari Chakraborty	Barriers and Enablers Towards Integrating Circular Economy in the Construction Industry in India	Journal of the Institution of Engineers (India): Series A		2025	https://doi.org/10.1007/s40030-025-00888-8
7	Rizwan Kazmi & Manjari Chakraborty	Use of Coal Mining Wastes in the Construction Industry to Promote a Circular Economy: a Systematic Literature Review	Circular Economy & Sustainability		2025	https://doi.org/10.1007/s43615-025-00551-1
8	Rizwan Kazmi & Deepty Jain	Role of Construction Material Transport for Achieving a Circular Economy in the Construction Industry	Circular Economy & Sustainability		2025	https://doi.org/10.1007/s43615-025-00553-z
9	Sneh Prabha, Sarkar, S., & Roy., S	Does Social Innovation and Social Entrepreneurship impact 'Quality of Life'? A critical review	Perspectives on Management, Annual Journal of Heritage Business School	12, 1-12	2024	ISSN 0974-7095
10	Naveen Suresh Chomal, Anuska Mahalik, Ritu Agrawal, Shweta Suhane, Mohammad Arif Kamal	Assessment of Integrated Waste Management System for Sustainable Development: The Case of Goa, India	Architecture Engineering and Science	5(4), pp.186-192.	2025	https://doi.org/10.32629/aes.v5i4.3164
11	Richa Goyal, Manoj Kumar, M. Anwar Mallick, Mukesh Nitin, Ritu	Nano-informatics Approach to Unravel the Intrinsic Interaction of Catharanthus roseus Fabricated Zinc Oxide Nanoparticles	Chemistry Select	Volume 9, Issue 48, December 23	20224	https://doi.org/10.1002/slct.202402777

	Agrawal, Amit Kumar Yadav, Pratima Solanki	with Vindoline to Combat Diabetes				
12	Shweta Suhane, Utpal Sharma, Ritu Agrawal, Surya Pratap Singh	Integrating Urban Forests into Sustainable Urban Planning: Strategies, Challenges and Future Directions	International Journal of Environmental Sciences	Vol. 10 No. 3 (October- December 2024)	2024	https://theaspd.com/index.php/ijes/article/view/38
13	Ritu Agrawal, Apurv Ashish, Harsh Kashayap, Shweta Suhane, Mohammad Arif Kamal	Acoustical Environment in Temple Architecture of India: Built Form and Design Configuration	Architecture Engineering and Science	5(2), pp.62-71	2024	https://doi.org/10.32629/aes.v5i2.2142
14	Ashutosh Kumar	Investigating and Overcoming the Barriers in adoption of Rooftop Solar PV Adoption with Information Systems	Journal of Information Systems Engineering and Management	Vol. 10 No. Issue- 31 (276 - 291)	2025	2468-4376 (https://doi.org/10.52783/jisem.v10i31s.5045)
15	Ashutosh Kumar	Revitalizing Heritage: Exploring the Cultural and Historical Significance of Maner Tank in Patna, Bihar, India	Journal of Sciences of Conservation and Archaeology	Volume 36 , Issue 3(472- 485)	2024	1005-1538 (10.48141/sci-arch-36.3.24.48)
2024						
1	Kazmi R. and Chakraborty M.	Status and probable direction of circular economy in the construction industry in India through a systematic literature review	International Journal of Green Economics, Inderscience	Vol. 18, No. 1, pp 61-86	2024	https://doi.org/10.1504/IJGE.2024.138514

2	Nag, A., & Mishra, S.	Tourism Management with AI Integration for Mining Heritage: a Literature Review Approach	Journal of Mining and Environment	15(1), 115-149	2024	https://doi.org/10.22044/jme.2023.13473.2490
3	Nag, A., & Mishra, S.	Mining Ghost Town Revitalization through Heritage Tourism Initiatives	Journal of Mining and Environment	15(2), 439-461	2024	https://doi.org/10.22044/jme.2023.13673.25311
4	Nag, A., & Mishra, S.	Revitalizing Mining Heritage Tourism: A Machine Learning Approach to Tourism Management	Journal of Mining and Environment	Accepted	2024	https://doi.org/10.22044/jme.2024.13770.2554
5	Nag, A., & Mishra, S.	Exploring Dark Tourism in Mining Heritage: Competitiveness and Ethical Dilemmas	Journal of Mining and Environment	15(3), 863-887	2024	https://doi.org/10.22044/jme.2023.13840.2571
6	Nag, A., & Mishra, S.	Beyond Metrics: A Comprehensive Framework for Assessing Tourism Destination Competitiveness	International Journal of Technological Learning, Innovation and Development	Accepted	2024	Accepted
7	Basu, D., & Mishra, S.	Mine reclamation practices and effects of stakeholder perception—a case study of Saoner mines, Maharashtra, India	Journal of Engineering and Applied Science	71(1), 62	2024	https://doi.org/10.1186/s44147-024-00393-y
8	Abreo, M. N., Prasad, P., & Surin, A. S	Re-claiming urban neighbourhood streets for active transport—Evidence from Vasai, Maharashtra.	Transport Policy	148(1-14)	2024	DOI:10.1016/j.tranpol.2024.01.005
9	Sarkar S., Kumari K., & Prasad P	Approaching Planning for new areas based on Environmental Suitability and Accessibility - A Study of Navi Mumbai, India,	Journal of Urban Planning and Development (ASCE)	150(1)	2024	[ISSN: 1943-5444/0733-9488] DOI:10.1061/JUPDDM/UPE-NG-4335

10	Nag A., & Sarkar S.	Integrating Choice Freedom, Economic Health, and Transportation Infrastructure to Forecast Tourism Demand: A Case Study of Bishnupur and its Alignment with Sustainable Development Goals	Transport Policy (ScienceDirect)	147, 198-214	2024	[ISSN 0967-070X] (SCI IF:6.8) DOI/10.1016/j.tranpol.2024.01.001.
11	Varsh V., Sarkar S., & Roy S.	An Overview of key indicators and evaluation tools for assessing economic value of heritage towns – A literature review	Journal of The Institution of Engineers (India): Series A, (Springer-nature)	In Press	2024	ISSN 2250-2149, DOI: 10.1007/s40030-024-00807-3
12	Parween S. & Sinha R.C	An Analytical Hierarchy Process Approach for Prioritization of Objectives and Parameters for an Integrated Urban Water Management	KSCE Journal of Civil Engineering, Springer	28, 1566–1579	2024	https://doi.org/10.1007/s12205-024-1019-2
2023						
1	Dash, M. and Chakraborty, M	Distribution of green spaces across socio-economic groups: A study of Bhubaneswar, India	Journal of Architecture and Urbanism	Vol 47, No 1, pp 57-67	2023	Printed ISSN 2029-7955, Online ISSN 2029-7947; March 2023. (Scopus and ESCI Indexed); DOI: https://doi.org/10.3846/jau.2023.17026
2	Basu, D. and Mishra, S	A Comprehensive Literature Review Approach for Assessing the Probable Impact of Post-Reclamation Strategies Applied to Abandoned Mines	Journal of Mining and Environment	Vol. 14, no. 3, 2023, 871-896	2023	<i>doi:10.22044/jme.2023.13007.2356</i>

3	Basu, D. and Mishra, S.	Review of Mining Tourism and Destination Image Positioning – Case Study: India	Journal of Mining and Environment		2023	https://doi.org/10.22044/jme.2023.13008.2357
4	Nag, A., Choudhary, N., Sinha, D., Sinha, A. P., & Mishra, S	Predictive Analytics- New Business Intelligence in SCM.	International Journal of Value Chain Management		2023	DOI: 10.1504/IJVC.2023.10055736
5	Nag, A., Mishra, S.	Stakeholders' perception and competitiveness of heritage towns: A systematic literature review.	Tourism Management Perspectives	Volume 48, September 2023, 101-156	2023	https://doi.org/10.1016/j.tmp.2023.101156
6	Parween. S., Sinha, R. C.	Identification of Indicators for Developing an Integrated Study on Urban Water Supply System, Planning, and Management	Journal of Environmental Engineering	Vol.149, No. (3), January 2023 (ASCE)		0733-9372, 1943-7870) DOI: 10.1061/joeed u.eeeng-7062 (SCIE)
7	Ritu Agrawal, Mohammad Arif Kamal	Role of Insulated Tiles as a Prospective Material for Building Envelope: Thermal Performance and Energy Efficiency	Architecture Engineering and Science	4(2), pp.51-61	2023	
8	Tauheed Mehtab, Ritu Agrawal, Mohammad Arif Kamal	Technological Appraisal of Prefabricated Glass Fibre Reinforced Gypsum (GFRG) Panels in Building Construction System	Architecture Engineering and Science	4(3), pp.154-163	2023	
9	Antriksh Khadgata, Tiwari Pavan Kumar, Apurv Ashish	The relevance of Manasara planning model in walled cities of India: An assessment review of Rajasthan	International Journal for Multidisciplinary Research (IJFMR)	Volume 5, Issue 3, May-June 2023.	2023	
10	Kazmi R. and	Identification of parameters and indicators for	Journal of Engineering		2023	https://doi.org/10.1186/s44147-023-00251-1

	Chakraborty M.	implementing circularity in the construction industry,	and Applied Science,			3, Springer Nature (SCOPUS Indexed)
2022						
Sl. no	Authors	Title	Journal /Proceeding	Vol. No., Issue no. pp	Year	ISSN
1	Aditi Nag, Satyaki Sarkar	Developing an Integrated Model for Assessment of Tourism, Transportation and Economy in Small Heritage Sites	Int. J. of Technological Learning, Innovation and Development (IJTLID)	14 (3), 272 – 296 (Inderscience)	2022	[ISSN: 1753-1950] DOI: 10.1504/IJTLID.2022.125694 (SCOPUS)
2	Vivek Garg, Ar. Mitali Madhusmita , Dr. Bimal Chandra Roy	Identification of Indicators for Affordable Housing in Indian Scenario	CSVТУ Research Journal	Vol 11(1). 1-11.	2022	
3	Osama Nasir, Mohammad Arif Kamal, Ritu Agrawal	Exploring the Tangible Conservation of Architectural Heritage and History: Bringing Past into the Future.	American Journal of Civil Engineering and Architecture	Vol. 10, No. 3, 2022, pp 147-156	2022	http://pubs.sciepub.com/ajcea/10/3/5
4	Sanchari Chatterjee and Rizwan Kazmi	Vernacular Style of Architecture and Architectural Elements in Bengal, India	International Journal of Creative Research Thoughts	Volume 10, Issue 9	2022	2320 – 2882
5	Kapadia Mustafa, Sarkar Satyaki, Roy Bimal C, Sinha Rajan C.	Critical appraisal of parameters for successful implementation of BRTS in India	Periodica Polytechnica Transportation Engineering (SCOPUS).	Vol. 50(2), pp. 165–183	2022	(Scopus Indexed).
6	Umesh Mishra, Satyaki Sarkar, Aditi Nag,	Measuring Social Acceptance of Resettlement colonies for the post Covid affected migrants in India	Journal of the Anthropological Survey of India (SAGE).	Vol: 71 issue: 1, pp. 105-124	2022	

7	Varsha Vinod, Smriti Mishra, Anila Surin	Place-making and connecting the heritage precincts in an urban area – A case of Thrissur city core	International Journal of Scientific Research in Engineering and Management	Vol. 6, No.2, pp	2022	
8	Abreo, M.N., Surin, A., & Prasad, P	Identifying areas of intervention to boost active mobility in urban neighborhood.	6th Annual Research on Cities Summit, XIM University, Bhubaneswar.		2022	
2021						
Sl. no	Authors	Title	Journal /Proceeding	Vol. No., Issue no. pp	Year	ISSN
1	Kritika, Sarkar, S., & Prasad, P.	Planning new area of Navi Mumbai based on environmental suitability and accessibility	1st International Conference on WATER, ENERGY & ENVIRONMENT [WEECON 2021] conducted on 23rd & 24th December 2021, organized by ISET Research India in association with IEI Vietnam.		2021	
2020						
Sl. no	Authors	Title	Journal /Proceeding	Vol. No., Issue no. pp	Year	ISSN
1	Dash M. and Chakraborty, M.	Outdoor Ventilation and Ground Coverage: Exploring a Climate Centric Approach to Building Byelaws for Multi Storied Apartment in Bhubaneswar;	Journal of Sustainable Architecture and Civil Engineering	Vol 2 , No 27; pp : 78-95	Nov 2020.	ISSN 2029-9990, Online ISSN 2335-2000 (Scopus Indexed).

2	Gupta J., Chakraborty M., Sharon Mathew, Alankar Jharia	Mud as a construction material in Rural Dwellings: Study of Thermal Performance in Composite Climate	International Journal of Advanced Science and Technology	Vol.29, No 3, pp 1710- 1734	Oct-20	ISSN No : 0776-3808; (Scopus Indexed)
3	Gupta J., Chakraborty M., Hema Sree Rallapalli and Nivedhitha. R	Climate-Responsive Architecture in Rural Vernacular Dwellings: A Study in Composite Climate in Ranchi, Jharkhand, India.,	AEGAEUM Journal,	Vol.8, Issue 7, pp. 171 0-1734.	Aug-20	ISSN No: 0776-3808 (Scopus Indexed)
4	Sarkar Amrita, Sarkar Satyaki	Comparative assessment between statistical and soft computing methods for accident severity classification	Journal of The Institution of Engineers (India)	Series A, 101, 27– 40 (2020) doi .org/10.10 07/s40030 -019- 00422-7	2020	(ISSN 2250- 2149) (Springer) (SCOPUS)

2019

Sl. no	Authors	Title	Journal /Proceeding	Vol. No., Issue no. pp	Year	ISSN
1	Roy Bimal C., Sarkar Satyaki, Sinha Rajan C., Srivastava I.,	Identification of a new industrial area based on a macro level analysis - a Case of Bokaro District, Jharkhand, India	International Journal of Engineering and Advanced Technology	Vol 9, issue 2	Dec-19	2249-8958 SCOPUS
2	Mishra U.C, Sarkar Satyaki,	Urban population and identification of indicators for affordable housing in India	International Journal of Recent Technology and Engineering,	Vol. 8, Issue, 2S11,	Sep-19	2277-3878 SCOPUS
3	Baruah Namrata, Sarkar Satyaki, Roy Bimal Chandra,	Quantitative analysis of sound absorption properties of plants in indoor environment for enabling sustainable practice	International Journal of Environmental Technology and Management	Vol 22, No.4/5, pp. 223- 235	2019	1741-511X, 1466-2132 (Inderscience) (SCOPUS, ESCI)

	Sinha Rajan Chandra					
4	Danish, M., Chakraborty, M.	Measuring the tourist service satisfaction: Factor analysis based study at red fort complex	International Journal of Recent Technology and Engineering	Volume-7 Issue-6	Mar-19	ISSN: 2277-3878 SCOPUS
2018						
Sl. no	Authors	Title	Journal /Proceeding	Vol. No., Issue no. pp	Year	ISSN
1	Sinha Rajan C., Sarkar Satyaki, Mandal N.R.,	Development of quality indicators for multi-family residential buildings in India – a Delphi analysis	International Journal of Sustainable Society	Volume 10 Number 2, pp. 96-122	August 2018,	ISSN 1756-2546 (Inderscience) (SCOPUS)
2	Misra, S., Chakraborty, M., Mandal, N.R.	Critical regionalism in the post-colonial architecture of the Indian subcontinent	Journal of Architecture and Urbanism	Vol 42 No 2	2018	20297947, 20297955 (SCOPUS, ESCI)
3	Chandra, G., Chakraborty, M., Sinha, A.K.	WSI OC: The Water Sustainability Index for Office Complexes	Asian Journal of Water, Environment and Pollution	vol. 15, no. 2, pp. 223-238	2018	1875-8568 (SCOPUS)
2017						
Sl. no	Authors	Title	Journal /Proceeding	Vol. No., Issue no. pp	Year	ISSN
1	Sinha Rajan C., Sarkar Satyaki, Mandal N.R.,	An Overview of Key Indicators and Evaluation Tools for Assessing Housing Quality: A Literature Review	Journal of The Institution of Engineers (India): Series A	1-11, Volume 98 Number 3, pp. 337-347	Sep-17	ISSN 2250-2149) (Springer) (SCOPUS)
2	Gupta, J., Chakraborty, M., Paul, A., Korrapati, V.	A comparative study of thermal performances of three mud dwelling units with courtyards in composite climate	Journal of Architecture and Urbanism	Volume 41(3): 184–198	2017	ISSN 2029–7955 / eISSN 2029–7947 (SCOPUS)

3	Chandra, G., Chakraborty, M., Sinha, A.K.	Framework for Assessing Efficient Water Consumption Attributes and Their Relative Importance in Office Complexes	Asian Journal of Water, Environment and Pollution	vol. 14, no. 3, pp. 65-74	2017	1875-8568 (SCOPUS)
4	Panda, S., Chakraborty, M., Misra, S.K.	Evaluation of India's urban social sustainable development using a composite index	International Journal of Architectural Research	11(1):157-180	01-03-2017	1938-7806 (SCOPUS)
5	Dr. Manjari Chakraborty, Janmejoy Gupta	An approach towards supplementing climate responsiveness of Vernacular Habitats	Shashwat-Transforming Habitats	Vol-3 pp-49-53	Mar-17	Issue – 3,
6	Sudha Panda, Dr. Manjari Chakraborty, Dr Santosh Kumar Mishra	Evaluation of India's Urban Social Sustainable Development using a composite index	International Journal of Architectural Research – Archnet-I JAR-regular section Peer reviewed, , (Scopus Indexed)	Volume 11, Issue 1	Mar-17	ISSN : 1938-7806
7	Anamika Nandan , Manjari Chakraborty	Symbiotic Housing : A more tangible approach for resolving the deteriorating existing housing conditions in Indian Urban settings	International Journal of latest technology in Engineering, Management and Applied Science	Vol VI, Issue V pp – 36-40	May-17	
8	Gaurav Chandra, Manjari Chakraborty, A. K. Sinha	Framework for Assessing Efficient water consumption attributes and their relative importance in Office Complexes	Asian Journal of water, environment and pollution - ; (Scopus-indexed)	volume 14 number 3 pp – 65-74	Jul-17	
9	Gupta J., Chakraborty M, Paul, A Korrapatti, V, A	A composite study of thermal performance of three mud dwellings with courtyards in composite, climate, journal of Architecture and Urbanism,	Journal of Architecture and Urbanism, Routledge Publishers, (Taylor and Francis Group)	Volume 41, Issue 3, pp. 184-198.	2017	2029-7955 (print), 2029-7947 (online) (Scopus Indexed). SCIMAGO IMPACT FACTOR-0.158

2016						
Sl. no	Authors	Title	Journal /Proceeding	Vol. No., Issue no. pp	Year	ISSN
1	Dash Monalipa, Chakraborty M.	Bio Climatic analysis of Bhubaneswar – An investigation to arrive human comfort through natural ventilation	International Journal of Scientific and Research publications	Vol 6, issue 5; (pg 557-560)	May-16	ISSN 2250-3153
2	Panda S., Chakraborty M. and Misra S. K.	Deriving a thematic framework for measurement of Urban Sustainability in India,	Journal of Civil Engineering and Environmental Technology (JCEET)	Vol 3, issue 1, pp34-38	2016	ISSN 2349-8404,
3	Dash Monalipa, Chakraborty M.	City parameters and their impact on Urban Micro-climate – A review, International Journal of Applied Engineering Research,		Vol 10, No 21;pg 41867-41872	2016	ISSN 0973-4562 (Scopus Rated)
4	Rajan C. Sinha. Satyaki Sarkar	Housing Quality Evaluation Tools - A Comparative Study,	International Journal of Innovative Research in Technology and Science	6 Vol. 2, Issue 10 2016,	2016	2349-6002
5	Rajan C. Sinha. Satyaki Sarkar, N.R. Mandal	Adequate housing and quality of life-A literature review,	Journal of Applied Research and Social Sciences	Vol.3, Issue 3, 2016, pp. 33-51	2016	2350-1472
6	Bimal C. Roy, Satyaki Sarkar	Impact of Infrastructure Availability on Industrial Development- A Micro and Macro Level Analysis for Resource Rich State of Jharkhand, India	Indian Journal Science and Technology	Vol 9, Issue 5, February 2016, pp – 1-7.	2016	0974-5645
7	Tippaluri, R, Gupta, J & Gupta	Planning for Urban Agriculture – Case Study of newly added		Pp 32-52	July- Sept. - 2016	

	Gangopadhyay, S.	pri urban areas of Hyderabad				
8	Monalipa Dash, Manjari Chakraborty	Bio Climatic analysis of Bhubaneswar – An investigation to arrive human comfort through natural ventilation	Scientific and Research publications, , May	Vol 6, issue 5 pp-557-560	2016;	ISSN 2250-3153
9	Sudha Panda, Dr. Manjari Chakraborty, Dr Santosh Kumar Mishra	Assessment of Social Sustainable Development in Urban India by a composite Index	International Journal of Sustainable Built Environment5(2016), Peer reviewed Elsevier Publications, , (Scopus-indexed)	Volume 5,Issue 2 Pp -435-450	Dec-16	ISSN: 2212-6090
10	Sudha Panda, Dr. Manjari Chakraborty, Dr Santosh Kumar Mishra	Deriving a thematic framework for measurement of Urban Sustainability in India.	Journal of Civil Engineering and Environmental Technology(JC EET),	Vol 3, Issue 1 pp-34-38	Jan-March 2016	ISSN : 2349-8404;
11	Gupta,J. and Chakraborty, M, (2016)	Comparative analysis related to compactness of dwelling units and its effect on thermal comfort amongst rural mud huts in composite climate in India.	In: Annual International Conference Proceedings, 25-26th, Singapore, 4th Architecture and Civil Engineering (ACE 2016), published by Global Science & Technology Forum (GSTF),	pp.389-398.	Apr-16	
12	Dash Monalipa, Chakraborty M.	Bio Climatic analysis of Bhubaneswar – An investigation to arrive human comfort through natural ventilation, ,	International Journal of Scientific and Research publications	Vol 6, issue 5; (pg 557-560)	May-16	ISSN 2250-3153

13	Panda S., Chakraborty M. and Misra S. K.	Deriving a thematic framework for measurement of Urban Sustainability in India,	Journal of Civil Engineering and Environmental Technology (JCEET)	Vol 3, issue 1, pp34-38	2016	ISSN 2349- 8404,
14	Dash Monalipa, Chakraborty M.	City parameters and their impact on Urban Micro-climate – A review, International Journal of Applied Engineering Researc h,		Vol 10, No 21; pg 41867- 41872	2016	ISSN 0973- 4562 (Scopus Rated)
15	Rajan C. Sinha. Satyaki Sarkar,	Housing Quality Evaluation Tools - A Comparative Study,	International Journal of Innovative Research in Technology and Science	6 Vol. 2, Issue 10 2016,	2016	2349-6002
16	Rajan C. Sinha. Satyaki Sarkar, N.R. Mandal	Adequate housing and quality of life-A literature review,	Journal of Applied Research and Social Sciences	Vol.3, Issue 3, 2016, pp. 33-51	2016	2350-1472
17	Rajan C. Sinha, Satyaki Sarkar, Bimal C. Roy,	Forging Urban Development through Literacy Improvement for Less-developed States Study of Jharkhand,	International Journal of Chemical, Metallurgical and Civil Engineering,	Vol. 3, Issue 1, May 2016, pp – 13-16,	2016	2349-1442
18	Bimal C. Roy, Satyaki Sarkar	Impact of Infrastructure Availability on Industrial Development- A Micro and Macro Level Analysis for Resource Rich State of Jharkhand, India	Indian Journal Science and Technology	Vol 9, Issue 5, February 2016, pp – 1-7.	2016	0974-5645
19	R Shrivastava, S Sinha, M Chakraborty	Concept plan of transport infrastructure for Mid Sized city in India	Journal of Society for Transportation and Traffic Studies	Vol.2, No. 3, 33-45	2016	

Book Publications

Sl. no	Authors	Title	Publisher	Issue No. vol. no. pp	Year	ISSN*
1	Smriti Mishra, Jaydip Barman, Shahsi Kant Pandey	Local Resident's perception of Social and Economic Impacts of Urban Riverfront Development: Case of Sabarmati Riverfront Development Project, Springer Singapore ISBN	Understanding Built Environment: Proceedings of the National Conference on Sustainable Built Environment 2015 (Eds.), (Accepted to be published as a book chapter)	Editors: Seta, F., Biswas, A., Khare, A., Sen, J.	2016	978-981-10-2136-7
2	J.Gupta	Passive Design Stregies for Rural Mud Dwellings in	Lambert Publishers		2017	
2015						
Sl. no	Authors	Title	Journal /Proceeding	Vol. No., Issue no. pp	Year	ISSN
1	Gupta,J. and Chakraborty, M.	Perimeter-area ratios and thermal discomfort due to excess heat in rural mud architecture of Jharkhand: A study through simulation and temperature measurements in composite climate.	International Journal of Applied Engineering Research.	2015, Vol.10, Number 7, pp.17503-17518.	2015	(ISSN: 0973-4562). (Scopus Rated) (Paid)
2	Bimal C. Roy	Development and Conflicts, Published by Nirmala College, Ranchi, in association with University Grants Commission, Eastern Region Office, Kolkata, 2015	Book Chapter		2015	ISBN: 978-93-80036-75-5
3	Bimal C. Roy	Role of infrastructure availability in industrial development of resource rich states in	International Journal of Advanced Technology in	Vol. 3, No.2, pp-406-412	2015	2348-7550

		India with respect to Jharkhand	Engineering and Science			
4	Bimal C. Roy	Industrial development strategy for resource based regions with reference to Jharkhand, India, Published by LAP Lambert Academic Publications, Germany.	Book Publication		2015	ISBN: 978-3-659-80233-1
2014						
Sl. no	Authors	Title	Journal /Proceeding	Vol. No., Issue no. pp	Year	ISSN
1	Bimal C. Roy, Satyaki Sarkar, N.R. Mandal, S.K. Pandey	Role of Institutions in Economic Performance: An Empirical Study of interstate Differences in Indian States with reference to Jharkhand,	European Scientific Journal	Vol.10, No.10, pp 313 -335	2014	1857-7881
2	Bimal C. Roy, Satyaki Sarkar, N.R. Mandal	The Link between Institutions and Industrial Development: An Empirical Study of Indian States	International Journal of Engineering, Business and Enterprise Application	Vol (1), pp – 6-12	2014	2279-0020
3	Bimal C. Roy, Satyaki Sarkar, N.R. Mandal, S.K. Pandey,	Impact of Infrastructure availability on level of Industrial Development In Jharkhand, India: a district level analysis,	International Journal of Technological Learning, Innovations and Development,	Vol 7, No. 2, 2014, pp-93 – 123	2014	1753-1942
4	Panda S., Chakraborty M. and Misra S. K.	Comparative Analysis of different urban sustainability practices,	Journal of Civil Engineering and Environmental Technology (JCEET)	Vol 1, issue 5, pp 98-105	2014	ISSN 2349-8404,
5	Saharan Sohan lal , Chakraborty	Master Planning approach for city infrastructure development : A case	ABACUS, Spring 2014,	Volume 9, No. 1, pp. 51-57.	2014	(ISSN 0973-8339).

	M, Mandal N R	study of Chandigarh City				
6	Smriti Mishra, Jaydip Barman, Shahsi Kant Pandey	Local Resident's perception of Social Impacts of Urban Riverfront Development: Case of Sabarmati Riverfront Development Project,	ABACUS- A Biannual Internationally Refereed,	Vol. 9, No. 1, pp. 09-25,	2014	0973-8339
2013						
Sl. no	Authors	Title	Journal /Proceeding	Vol. No., Issue no. pp	Year	ISSN
1	Gupta,J. and Chakraborty, M.	Simulation and On- Site Measurement Methods to Study Thermal Performance of Rural Mud Hut in Humid Sub-Tropical Climate: A Case- Study in Jharkhand, India, International	Journal of Engineering research & Technology.	Vol. 2, Issue 6, pp.1243- 1273.	June 2013.	(ISSN 2278- 0181).
*ISBN No. in case of book						