

CIVIL ENGINEERING

List of Publications

Year	Type of Publication		Publication Details	Average citation index and impact factor of publications
2015	International Journals	1.	Title: Thermal Industry waste used as Cement replacement material in concrete & evaluation of their efficiency Authors: Mr. Shatrughan Kr. Yadav Name of the Journal: International Journal of Emerging Technology and Advanced Engineering Month and year of publication: 20, january 2015	Impact Factor: 2.324
		2	Title: comprehensive study of compressive strength of geopolymer concrete. Authors: Utkarshyadav Name of the Journal : International journal of engineering sciences and technology Month and year of publication: march 2015	Impact factor: 3.51
		3	Title: behaviour of geopolymer concrete under aggressive chemical environment. Authors: Utkarshyadav Name of the Journal : International journal of engineering sciences and technology Month and year of publication: may 2015	Impact factor: 3.51
		4	Title: N.D.T. and software analysis of geopolymer concrete by X.R.D and differential scanning calorimeter. Authors: Utkarshyadav Name of the Journal : International journal of engineering sciences and technology Month and year of publication: may 2015	Impact factor: 3.51

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		5.	Title: Potential use of Foundry Sand as Heterogeneous Catalyst in Solar Photo-Fenton Degradation of Herbicide Isoproturon Authors: ManpreetKaur Name of the Journal: International Journal Environment Research, 2015	Impact Factor: 1.8
		6	Title: Heterogeneous solar photo-Fenton degradation of RB5 using foundry sand and fly ash as iron source: value addition to waste Authors: ManpreetKaur Name of the Journal: Environmental Progress and Sustainable Energy	Impact Factor: 1.271
2014	International Journals	1	Title: Stability of Concrete Beam-Columns under Follower Forces” Authors:Sharma, Mamta, R., Singh, Arbind K. and Benipal, Gurmail S., ”, Latin American Journal of Solids and Structures (LAJSS),	Vol.11, No. 5, pp 790-809, 2014. Impact Factor: 1.21 ISSN (Printed): 1679-7817 ISSN (Electronic): 1679-7825
		2	Title: Parametric Resonance of Concrete Beam-Columns under Pulsating Axial Force” Authors:Sharma, Mamta, R., Singh, Arbind K. and Benipal, Gurmail S., ”, Latin American Journal of Solids and Structures (LAJSS),	Vol.11, No. 5, pp 790-809, 2014. Impact Factor: 1.21 ISSN (Printed): 1679-7817 ISSN (Electronic): 1679-7825
	National Journals			
		1	Title: “Stability of Highly Damped Concrete Beam-Columns”, Authors:Sharma, Mamta, R., Singh, Arbind K. and Benipal, Gurmail S., Advances in Structural Engineering: Materials Volume Three, Springer	DOI: 10.1007/978-81-322-2187-6_179 ISSN (Printed): 1679-7817 ISSN (Electronic): 1679-7825

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			India, 2014, pp 2355-2370,	
	National Conferences	1	Title: Seismic analysis of mrf's with short column defect and mitigation measures Authors: Ms. SushmaVerma Name of the Conference: Innovations in Design & Construction of Industrial Structures, NIT Durgapur, India Month and year of publication: April 3-5, 2014	
		2	Title: Review of seismic analysis of mrf's with short column defect and mitigation measures Authors: Ms. SushmaVerma Name of the Conference: Innovations in Design & Construction of Industrial Structures April 3-5, 2014, NIT Durgapur, India Month and year of publication: April 3-5, 2014	
2013	International journals	1	Title: Production of H2 by Hydrothermal Gasification of Biomass Author: Tarique Ahmad Name of the Journal: IJERD 2013	ISSN- 2249-3131
		2	Title: Vehicular pollution and its influence on indoor air quality Author: Tarique Ahmad Name of the journal: IJERT 2013	ISSN: 0974-3154
	National journals		Title: Nonlinear Elastodynamics of Concrete Water Tanks with Shaft-Type Staging” Authors:Sharma, Mamta, R., Singh, Arbind K. and Benipal, Gurmail S., The Indian Concrete Journal,	Vol. 87 No. 2, pp. 47-60, Feb 2013.

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	National Conference	1	Title: Qualitative Response of UASB Reactor and Polishing Pond for Sewage Treatment Author: Tarique Ahmad Name of the Conference: Emerging Trends in Engineering and Technology 2013	
		2	Title: Carbon Capture and Storage- A Solution to Climate Change Author: Tarique Ahmad Name of the Conference: Emerging Trends in Engineering and Technology 2013	
		3	Title: Creep Analysis of Cracked Concrete Beams modelled as First Order Homogeneous Viscoelastic (FOHV) Systems Authors: Dheeraj Kumar, Rajan Kumar Singh, DiptiMakhija, Brig(retd.) K.P. Singh October,2013	NCRTCE-13, Pg No.- 13-37.
		4	Title: Creep Analysis of Bilinear Overdamped Cracked Concrete Beams Authors: Dheeraj Kumar, Chandra Shekhar Kumar, Brig(retd.) K.P. Singh October,2013	NCRTCE-13, Pg No.- 57-73
		5	Title: Optimization of position of the Tuned Mass Damper for vibration control of symmetrical building frame subjected to seismic excitation. Authors: Chandra Shekhar Kumar, Dheeraj Kumar, Monika Jaiswal, Brig(retd.) K.P. Singh October,2013	NCRTCE-13, Pg No.- 57-73.
		6	Title:Panchayati Raj Institutions and its role in the Rural Development through NREGA: Issues & Challenges Authors: BhanuPratap Singh,	NCRTCE-13 Page-74-78

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			Puneet Kumar Singh, Najim Ali	
2012	International journals	1	Title: Computer diligence and emerging trend of ansys computer aided design in structural engineering for sustainable development in mega civil engineering project Authors:Dr Sanjay Gupta International journals ,RIP Publication, http://www.rippublication.com	Volume 2, number-01, 2012,ISSN 0974-2255
		2	Title:Computer aided design for two dimensional structural tabular frame using usfosmodelling Authors:Dr Sanjay Gupta International journals ,RIP Publication, http://www.rippublication.com	Volume 2, number-01, 2012,ISSN 0974-2255
		3	Title: Application and emerging trend of GIS and GPS and remote sensing for the sustainable development in environmental engg with raster data in global world Authors:Dr Sanjay Gupta International journals ,RIP Publication, http://www.rippublication.com	Volume 2, number-01, 2012,ISSN 0974-2255
		4	Title:An application of hydro electric project in two dimensional foundation analysis using finite element method Authors:Dr Sanjay Gupta International journals ,RIP Publication, http://www.rippublication.com	Volume -5, Page 351-356,2012
		5	Title: Application and emerging trend of GIS and GPS and remote sensing for the sustainable development in environmental engg with discrete and continuous data in global world Authors:Dr Sanjay Gupta International journals ,RIP Publication,	Volume 2, number-01, 2012,ISSN 0974-2255

Year	Type of Publication		Publication Details	Average citation index and impact factor of publications
			http://www.rippublication.com	
		6	Title: A case study of dam for hydro electric project in a three dimensional model to use in numerical stresses analysis with standard software Authors:Dr Sanjay Gupta International journals ,RIP Publication, http://www.rippublication.com	Volume -5,2012
		7	2D application in Hydroelectricalengg Authors:Dr Sanjay Gupta International journals ,RIP Publication, http://www.rippublication.com	Volume -5, Number - 4,2012
		8	Emerging trend in civil and structural engineering for sustainable developed of global world Authors:Dr Sanjay Gupta International journals ,RIP Publication, http://www.rippublication.com	ISSN 2231-1319,Volume 3,Number 2,2012
		9	Emerging trend in Geotechnical and Geo Environmental Engineering for sustainable developed of global world Authors:Dr Sanjay Gupta International journals ,RIP Publication, http://www.rippublication.com	ISSN 2231-1319,Volume - 03,Number 2,2012
	National journals	1	Title:Application of Stochastic Control System in Structural Control Original Research ArticleProcedia Engineering Authors:Ruban Sugumar, Chandrashekar Kumar, T.K. Datta	ProcediaEngineering, Volume 38, 2012, Pages 2356-2363
	International conferences	1	Title: Small Nonlinear Elastic Lateral Vibrations of Flanged Concrete Columns”, Authors: Sharma, Mamta, R., Singh, Arbind K. and Benipal, Gurmail S Int. Conf. on Structural	January 2012, MNIT, Jaipur (India) and Texas A&M University, USA, pp. 825-831, 2012.

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			Stability and Dynamics (ICSSD),	
		2	<p>Titles: "Passive Control of Torsionally Coupled Vibrations of a Multistoried Structure using Tuned Mass Damper",</p> <p>Authors: A. Ganguli , C. S. Kumar, T. K. Dutta,</p> <p>Proceedings of the Third Asian Conference on Mechanics of Functional Materials and Structures October-2012</p>	(ACMFMS 2012), IIT Delhi, India, 2012
	National conferences	1	<p>Title: Capture and Storage-A Sustainable Technology to cut Carbon Emission: A Literature Review</p> <p>Author: Tarique Ahmad</p> <p>Name of the Conference: Environment Technology and Construction Engineering for Sustainable Development-2012</p>	
		2	<p>Title: ISET GOLDEN JUBILEE SYMPOSIUM</p> <p>Authors: Ruban Sugumar , Chandra shekhar Kumar and T.K. Datta</p> <p>Indian Society of Earthquake Technology</p> <p>Department of Earthquake Engineering Building</p> <p>IIT Roorkee, Roorkee</p> <p>October 20-21, 2012</p>	Paper No. D004
2011	National conference	1	<p>Title: Advancement in Air Pollution Control Technologies</p> <p>Author: Tarique Ahmad</p> <p>Name of the Conference: Emerging Technologies for Sustainable Environment 2011</p>	ISSN: 978-93-80697-25-3
2010	National Conferences	1	Title: Elastic Stability Analysis of Flanged Concrete	December 18-21, NIT Hamirpur, (India), pp.

Year	Type of Publication	Publication Details	Average citation index and impact factor of publications
		Columns Authors: Sharma, Mamta, R., Singh, Arbind K. and Benipal, Gurmail S Proc., 55th Congress of Indian Society of Theoretical and Applied Mechanics (An International Meet),	169-175, 2010.