



GAYATRI VIDYA PARISHAD COLLEGE FOR DEGREE AND PG COURSES (A)
ENGINEERING & TECHNOLOGY PROGRAM

DEPARTMENT OF CIVIL ENGINEERING

Rushikonda, Visakhapatnam- 530045 | Website: www.gvpcdpgc.edu.in

(Approved by AICTE/ Affiliated to Andhra University/ An ISO 9001:2015 Certified Institute)

List of publications in academic year 2020-2021

S. No	Name of the faculty	Title of the paper	Name of the Journal/ ISSN No.	Volume/ Issue/page No. /Year/DOI	National/ International journal
1	G.V.S. Siva Prasad, Dr.P.Jyotsna devi, Manikanta Patnaik	Seismic Response Analysis of Symmetrical and Asymmetrical High Rise Structures in Seismic Zone II	IJERA, International journal of engineering research and applications	Vol. 10, Issue 10, pp. 36-49, October 2020	International (UGC approved)
2	P. Padmanabha Reddy	A study on the effect of water content on strength and compressibility characteristics of marine clays	IJITEE, International journal of innovative technology and exploring engineering	Special issue on Trending Technology – 2020 pp.11-14	(SCOPUS)
3	Vijaya L Pusuluri	Geometric design improvements for congestion relief	PENSEE Journal	Vol. 51, Issue 1, pp. 1265-1272, October 2021	(SCOPUS)
4	Dr. B. Vidya	Utilization of PVC Waste as a Partial Replacement in Concrete-An overview	International Journal of Research and Analytical Reviews (IJRAR)	July 2020, Volume 7, Issue 3, pp.212-215	International (UGC approved)
5	Dr. B. Vidya	Thermo-mechanical behaviour of standard and high strength concrete subjected to thermal cycles	proceedings of first online conference- International conference on recent advances in computational and experimental		

			mechanics (ICRACEM), September 4-6, 2020, IIT KHARAGPUR ISBN 978-93- 5416-440-8, ISBN 978-93-5416- 440-8 (eBook)		
6	Dr. B. Vidya	TENSILE BEHAVIOUR OF HIGH STRENGTH (M 90) AND NORMAL STRENGTH CONCRETE (M 30) SUBJECTED TO THERMAL CYCLES	GIS SCIENCE JOURNAL	VOLUME 8, ISSUE 3, 2021, pp. 52-64.	(SCOPUS)
7	Dr. B. Vidya	INVESTIGATION ON MECHANICAL PROPERTIES OF HIGH STRENGTH CONCRETE (109 MPa) WITH MICRO SILICA	PENSEE	Vol. 51, Issue 3, pp. 121-132, October 2021	(SCOPUS)



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List of publications in academic year 2019-2020

S. No	Name of the faculty	Title of the paper	Name of the Journal/ ISSN No.	Volume/ Issue/page No. /Year/DOI	National/ International journal
1	B. Vidya	Effect of thermal cycles on compressive strength on high strength concrete and normal strength concrete	Indian Concrete Journal ISSN: 0019-4565	Vol. 93, No.6, June 2019, pp.8-17	National (Scopus index)
2	B. Vidya	Effect of thermal cycles on concrete: An overview	International Journal for Research in Engineering Application and Management ISSN:2454-9150	Vol. 5, Issue No.3, June 2019, pp.6-14 DOI: 10.35291/2454-9150.2019.0162	International (UGC approved)
3	G V S Siva Prasad, P Padmanabha Reddy and K Gowtham Kumar	A Study on characteristics of black cotton soil by stabilizing with flyash	International Journal of research and analytical reviews ISSN: 2349-5138	Volume 6, Issue 2, pp. 745-750, June 2019.	International (UGC approved)
4	P.Manikanta, P Gouthami patnaik, K. Gowtham Kumar and Dr. P Jyotsna Devi	Partial replacement of fine aggregate with quarry dust in concrete	International Journal of research and analytical reviews ISSN: 2349-5138	Volume 6, Issue 2, pp.667-673, June 2019	International (UGC approved)

5	Dr. P Jyotsna Devi, P.Manikanta, P Gouthami patnaik, G V S Siva Prasad	A study on the flexural and split tensile strengths of steel fibre reinforced concrete at high temperatures	Proceedings of International conference on Recent Advances in Civil Engineering Infrastructure (RACEI-2019), Muffakham Jah College of Engineering and Technology	PP.6-10	
6	B Sudheer Choudari, P. Padmanabha Reddy	Effect and Behaviour of Pre Engineered Building with Different Moment Resisting Frames	IJITEE, International journal of innovative technology and exploring engineering	Volume-9, Issue-4, pp: 2222-2229, February 2020	(SCOPUS)
7	J. Renuka and K. Gowtham kumar	Effect of mix proportions on compressive strength and permeability of pervious concrete	International research journal of Engineering and Technology (Irjet)	Vol. 7, Issue 3, March 2020, pp.183-18	Impact factor 7.34



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List of publications in academic year 2018-2019

S.No	Name of the faculty	Title of the paper	Name of the Journal	Volume/ Issue/page No. /Year	National/ International journal/ IF
1	B. Vidya	Comparative study of four legged transmission tower with different sections	International Journal of technical innovation in modern engineering and science ISSN: 2455-2585	Vol. 5, Issue 5, May 2019, pp. 39-45.	International (UGC approved) IF- 5.22
2	B. Vidya	Analysis and Design of four legged transmission tower with different bracings	International Journal of Management Technology and Engineering ISSN: 2249-7455	Volume XI, Issue IV, pp. 4658-4666, April-2019	International (UGC approved)
3	B. Vidya	Mechanical Properties of Field Demolished Aggregate Concrete	International Journal of Engineering and Techniques ISSN: 2395-1303	Volume 4 Issue 3, May – June 2018, pp. 174-178	International
4	P. Gouthami Patnaik	An overview of microstructural relation to strength for blended special concrete	International Journal of research and analytical reviews ISSN: 2349-5138	vol. 6 Issue 1, February 2019, pp.792-797.	International (UGC approved)

5	Manikanta Patnaik	Experimental Investigation of clayey sand with plastic Gunny bags as reinforcement	International Journal of Advanced Research, Ideas and Innovation in technology ISSN: 2454-132X	Volume 5 Issue 2, March – April 2019, pp.494- 497.	International IF-4.295
6	A. Satya Sunitha	Earthquake vibration control using framed shear walls	International journal of research in applied sciences and engineering technology ISSN: 2321-9653	Vol. 7, Issue IV, April 2019.	International (UGC approved) SJIF-6.887
7.	Renuka J	Mechanical and durability properties of high strength copper slag concrete reinforced with basalt fiber	International Journal of management, Technology and Engineering ISSN: 2249-7455	Vol. 8 Issue XII, December/ 2018, pp. 2519-2531	International



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List of publications in academic year 2017-2018

S.No	Name of the faculty	Title of the paper	Name of the Journal	Volume/ Issue/page No. /Year	National/ International journal
1	B. Vidya	Development of M 90 grade of concrete using micro silica	International journal of research in applied sciences and engineering technology ISSN: 2321-9653	Vol. 5, Issue XII, December 2017, pp. 2275 – 2282.	International (UGC approved) SJIF- 6.887
2	B. Vidya	Thermogravimetric analysis of concrete	International journal of modern trends in engineering research ISSN: 2393-8161	vol.5,Issue.4,pp.187-194, 2018	International (UGC approved) IF- 5.278
3	P. Manikanta Patnaik, G.V.S. Siva Prasad and P. Gouthami Patnaik	Study on behaviour of multi storied infilled frame	International journal of civil and structural engineering research ISSN: 2348-7607	vol.5,Issue.2,pp.1-10, 2018	International



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List of publications in academic year 2016-2017

S.No	Name of the faculty	Title of the paper	Name of the Journal	Volume/ Issue/page No. /Year	National/ International journal
1	D. Manasa	Comparitive study of strengths of two way rectungular continous slabs with two openings parallel to long side and short side	International journal of IT, Engineering and applied sciences research	Vol.6,Issue.2,pp.9-19, 2017	International
2	B. Vidya and D.Manasa	Effect of corrosion on steel fibre reinforced concrete	The IUP journal of structural engineering ISSN: 0974-6528	Vol. X, No.1, pp.16-24, January, 2017.	National
3	B. Vidya	A study on development of High strength concrete of grade (95Mpa)	The IUP journal of structural engineering ISSN: 0974-6528	Vol. X, No.1, pp.7-19, July, 2017.	National
4	G. Sravani	A laboratory study on improving properties of clay soil using plastic waste	International journal of engineering research ISSN: 2321-7758	Vol.4,Issue.3,pp.1-6, May-June, 2016	International



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List of publications in academic year 2015-2016

S.No	Name of the faculty	Title of the paper	Name of the Journal	Volume/ Issue/pp./Year	National/ International journal
1	G.V.S. Siva Prasad and P.Padmanabha Reddy and	study and behaviour of some properties of papercrete brick with modular brick	International journal of engineering research ISSN: 2321-7758	vol.3,Issue.3,pp.267-275, 2015	International
2	P.Padmanabha Reddy	Effect of lime on compaction charecteristics of soil –fly ash mixtures	International journal of engineering technology, management and applied sciences ISSN: 2349-4476	vol.3,Issue.4,pp.188-192, April, 2015	International
3	K.Goutham kumar and P.Padmanabha Reddy	Subgrade strengthening of roads on black cotton soil using quarry dust	International journal of research in engineering and technology	vol.4,Issue.6,pp.456-458, June 2015	International
4	J.Renuka	Effect of configuration on lateral displacement and cost of the structure for high rise steel space frames subjected to wind loads	International journal of research in engineering and technology ISSN: 2321-7308	vol.4,Issue.1,pp.101-113, 2015	International
5	B.Vidya and J.Renuka	Experimental Investigation of Waste Glass Powder as Partial replacement of cement and sand	The IUP journal of structural engineering ISSN: 0974-6528	vol. V, No.4, pp.14-22, October 2015.	National

6	B.Vidya	Comparative study of symmetric structure with floating and non-floating column under seismic condition	International Journal of Engineering Research ISSN: 2321-7758	Vol. 4, No.2, pp.481-487, March- April 2016.	International
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