

PARTICULARS OF ACADEMIC & RESEARCH PUBLICATIONS

ACADEMIC YEAR 2019-20

S. No	Name of the faculty	Title of the paper	Name of the Journal/ ISSN No.	Volume/ Issue/page No. /Year/DOI	DOI No.	National/ International journal
1	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		
2	Dr .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) SCI
3	Dr. 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)
4	G V S Siva Prasad, P Padmanabha Reddy and K	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)

	Gowtham Kumar					
5	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)
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

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	Dr. P.Jyostna Devi G. Sravani	Performance of Hospital Waste Ash as Partial Replacement to Cement in Concrete	GIS SCIENCE JOURNAL	April, Issue 4, 2021		(SCOPUS)
2	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)
3	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)
4	Dr. B. Vidya	Investigation on mechanical properties of high strength concrete (109 MPa) with micro silica	PENSEE	Vol. 51, Issue 3, pp. 121-132, March 2021		(SCOPUS)
5	Vijaya L Pusuluri	Geometric design improvements for congestion relief	PENSEE	Vol. 51, Issue 1, pp. 1265-1272, October 2021	N/A	(SCOPUS)
6	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)

7	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)
8	J Renuka A .Satya Sunitha	Effect of Bagasse ash on Mechanical properties of M 40 grade concrete	GIS SCIENCE JOURNAL	VOL 8, Issue 4, pp.405-411, April 2021		(SCOPUS)
9	Dr.P.Jyotsna devi, Gowthami patnaik	Micro structure of concrete exposed to high temperature- A Review	Proceedings of first international conference on sustainable innovative trends in civil Enngineering	pp.128-136, 5-6 Feb,2021		
10	Dr. B. Vidya	Thermo- mechanical behavior of standard and high strength concrete subjected to thermal cycles	1 st online International conference on recent Advances in computational and experimental Mechanics, IIT kharagpur	Sep 4-6, 2020		

List of publications in academic year 2021-2022

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	Dr. D. Manasa	Design of two-way orthotropic rectangular slabs with longer side interior corner opening using modified affine theorem	Design Engineering (Toronto)	Vol. 2021, Issue No.6, june		SCOPUS SCI
2	K.Gowtham Kumar, P Manikanta, J Renuka	Study on the effect of Permeability and Void Ratio with Varying Water Cement Ratios with Replacement of Cement with Silica Fume	PENSEE	VOL 51, Issue 7, 2021, pp. 168-174		SCOPUS
3	J Renuka	Performance of Slurry Infiltrated Fibrous concrete- A Comprehensive Review	Journal of Engineering Science & Technology Review (JESTR)	Vol.14, Issue No.5,2021, pp.163-172, 2021		SCOPUS
4	P. Sessa Ratnam	Structural Classification of Basalt FRP at High Temperatures	Advances in Material Science and Engineering	Vol.2021, Article ID 6917471, 9 Pages.		SCOPUS SCI
5	Dr. Vidya B and Prof. D. Manasa	Design and Analysis of Floating house: A Review”,	Journal of Engineering, Computing and Architecture	Volume 12, Issue 4, April 2022, pp.308-320.		UGC Approved

6	P.Manikanta	Comparative study of multi storied building with and without shear wall between Mid-rise and High rise building by using STAAD.Pro	International research journal of engineering and technology	Vol 09, Issue No 4, 2022, pp 2442 – 2448		
7	P. Lakshman Rao	Experimental and numerical analysis of velocity distribution in a compound meandering channel with double layered rigid vegetated flood plain	Flow Measurement and Instrumentation	83 (2022): 102111.		SCOPUS SCI
8	Prof. P. Jyotsna Devi	Effect of seawater on the compressive strength of steel fiber reinforced concrete	International research journal of engineering and technology	Vol 9, Issue 5 May 2022 pp463 -47		
9	P. Sesha Ratnam	Stimulation of blast effect on multi storied building using ANSYS- A Review	International research journal of engineering and technology	Vol 9, Issue 5 May 2022 pp50 -55		
10	J.Renuka	A literature review on behavior of GFRP as a structural member in transmission line towers	Journal of Engineering, Computing & Architecture	Vol 12, Issue 5, May 2022 pp72-79		
11	Dr. B. Vidya	A Study on thermo mechanical behavior of concrete subjected to thermal cycles	Indian concrete Journal	March 2022, pp 1-11		SCOPUS SCI

12	P. Lakshman Rao	Effect of Roughness on Apparent shear forces in Non- Prismatic Diverging channel	4 th International conference on the status and future of the world's large rivers	3-6 August 2021, online Moscow Russia.		
----	--------------------	---	--	--	--	--

PARTICULARS OF ACADEMIC & RESEARCH PUBLICATIONS

ACADEMIC YEAR 2022-23

S. No	Name of the faculty	Title of the paper	Name of the Journal/ ISSN No.	Volume/ Issue/page No. /Year	DOI .NO.	National/ International journal
1	Dr. Manasa Dwarampudi, Dr .B. Vidya	A review of bamboo's mechanical performance as a replacement for reinforcement in concrete structures	Journal for basic sciences	Volume 23, issue 4,2023 Page no:417-484		SCOPUS
2	Dr. D. Manasa,	Analysis & design of high-rise building by using of shear wall at different positions in Etabs software	GIS science journal	Volume 10, issue 4,2023 Page no:853-874		SCOPUS
3	P. Vijaya Lakshmi Kanthi,	Utilization of waste plastic in flexible pavements	International Research Journal of Engineering and Technology (IRJET)	Volume 10, Issue 3 march,2023 Page no:515-522	https://www.irjet.net/archives/V10/i3/IRJET-V10I381.pdf	UGC APPROVED
4	P. Vijaya Lakshmi Kanthi,	Road crush zone identification and remedial measures using GIS	Innovative Infrastructure solutions	Published online:18 April 2023 Page no:1-20	DOI: 10.1007/s41062-023-01111-y	Springer Nature/SCOPUS SCI

5	Dr.B. Vidya	Analysis of floating house by using ANSYS: platform material comparison of expanded polystyrene and polyvinyl chloride pipe	I-manager's Journal on Civil Engineering	Volume 12. No.2 March - May 2022	DOI:10.37896/JBSV23.4/1954	UGC APPROVED
6	P. Pallavi	Self-curing concrete	International Research Journal of Engineering and Technology (IRJET)	Volume 10, issue 3/march,2023 Page no:1268-1271		UGC APPROVED
7	A. Satya Sunitha	Dynamic analysis of concrete dam considering dam foundation and its interaction effects- a review	Journal for basic sciences	Volume 23, issue 4,2023 Page no:518-527	DOI:10.37896/JBSV23.4/1990	SCOPUS
8	Dr.B. Vidya	Mechanical properties of binary blended concrete using quarry dust as a partial replacement with sand- a review	Journal for basic sciences	Volume 23, issue 4,2023 Page no:138-149		SCOPUS
9	Dr. Jyotsna Devi	A study on mechanical properties of concrete by partial replacement of cement with hospital waste ash – a review	IOP Publishing	ACCEPTED		SCOPUS
10	P. Lakshman Rao	Effect of roughness on velocity distribution in diverging compound channels using	Arabian Journal of Geosciences	Published online:18 February 2023		SCOPUS SCI

		experimental and numerical approaches		Page no:1-13		
11	P. Manikanta,	A review of the experimental investigation of the effect of fiber reinforcement on strength characteristics of m30 grade of cement	International Research Journal of Engineering and Technology (IRJET)	Volume 10, issue 3/march,2023 Page no:1256-1262		UGC APPROVED
12	P. Manikanta,	An experimental investigation of strength parameters of glass fiber using m30 concrete	International Research Journal of Engineering and Technology (IRJET)	Volume 10, issue 3/march,2023 Page no:503-507		UGC APPROVED
13	Ms. J.Renuka,	Experimental and analytical analysis of geo polymer concrete using ANSYS software	GIS science journal	Volume 10, issue 4, 2023 Page no:1487-1496		SCOPUS
14	G.Sravani Dr.P.Jyotsna Devi	Effect of Percentage of Silicon Manganese Slag on Maximum Dry Density and CBR Values in Black Cotton Soils	YMER	Volume 22 Issue 04(April 2023)	Manuscript ID: YMER220403	SCOPUS SCI