

DEPARTMENT OF CIVIL ENGINEERING
No. of Research Publications during the last five years

Year	Indexing		
	SCI	Scopus	Other
2018-19	1	13	5
2017-18	0	6	10
2016-17	0	6	14
2015-16	0	0	7
2014-15	0	1	3

2018-2019 to 2014-15

RESEARCH PUBLICATIONS:

S.No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN NO	Link of the recognition in UGC enlistment of the Journal
2018-19							
1	Design and development of M150 grade concrete	Dr. A. Sreenivasulu	CIVIL ENGINEERING	International Journal of Research and Scientific Innovation	2018	ISSN :2321-2705	OTHER
2	An extensive examination of water quality and soil quality characteristics in few areas of Andhra Pradesh core capital region at Amaravathi by using GIS applications	Ms. G. V. RatnaKumari	CIVIL ENGINEERING	International Journal of Civil Engineering and Technology (IJCIET)	2018	ISSN : 0976-6308	SCOPUS
3	The effect of temperature on mechanical properties of M150 concrete	Dr. A. Sreenivasulu	CIVIL ENGINEERING	International Journal of Research and Analytical Reviews (IJRAR)	2018	ISSN : 2349-5138	UGC
4	“An investigative	Ms.G.V.R.Ku	CIVIL	International Journal of	2018	ISSN : 0976-	SCOPUS

	study on water quality distribution in the zones of municipal corporation using remote sensing and gis applications”	mari	ENGINEERING	Civil Engineering and Technology (IJCET)		6308	
5	Study on concrete with ceramic waste as replacement of coarse aggregate	Mr.K.N.A.G.K . Manikanta and Dr.K.Ramesh	CIVIL ENGINEERING	Journal of Advanced Cement & Concrete Technology	2018	Volume 1 Issue 3, 2018, pp. 14-18.	OTHER
6	Pattiseema lift irrigation a hydraulic wonder: a case study in interlinking rivers	Dr.A.Adilakshmi	CIVIL ENGINEERING	International Journal of Mechanical and production engineering research and development	2018	ISSN: 2249-6890	SCOPUS
7	Evaluation and remediation of sludge from municipal solid waste dumping sites: a model study	Ms.G.V.R.Ku mari	CIVIL ENGINEERING	International Journal of Civil Engineering and Technology (IJCET)	2018	ISSN : 0976-6308	SCOPUS
8	“Analytical study on Flexural behaviour of Reinforced Geo polymer Concrete beams by ANSYS”	Dr.K. Ramesh	CIVIL ENGINEERING	IOP conference series: material Science and Engineering,	2018	ISSN:1757-8981	SCOPUS
9	“A comprehensive report on groundwater quality monitoring and management by using geospatial technology - a model study”	Ms.G.V.R.Ku mari	CIVIL ENGINEERING	International Journal of Civil Engineering and Technology (IJCET)	2018	ISSN Print: 0976-6308	SCOPUS
10	Correlation between Compressive Strength and Split	Dr.K. Ramesh	CIVIL ENGINEERING	Journal of Mechanics of Continua and Mathematical Sciences	2019	ISSN (print) 0973-8975	SCI

	Tensile Strength of GGBS and MK Based Geo polymer Concrete using Regression Analysis						
11	Durability studies on Concrete with Ferro Chrome slag as partial replacement of fine aggregate.	Dr.Ramesh.K; K.N.A.G.K. Manikanta,	CIVIL ENGINEERING	International Journal of Engineering Research and Technology(IJERT)	2019	ISSN Online: 2278-0181	OTHER
12	Study on Concrete with Ceramic Waste as Partial Replacement of Coarse Aggregate.	Dr.Ramesh.K ; K.N.A.G.K. Manikanta	CIVIL ENGINEERING	International Journal of Recent Technology and Engineering	2019	ISSN: 2277-3878 (Online)	SCOPUS
13	Comparison Of Analysis And Design Of G+5 Residential Building Frame Using Build Master And Staad Pro. Softwares	D.Jaya Krishna, M.Sai Narendra, Dr.K.Shyam Prakash	CIVIL ENGINEERING	Global Journal Of Engineering Science And Researches	2019	ISSN 2348-8034	UGC
14	Experimental Investigation of Roller Compacted Concrete with Industrial Wastes	Dr.K.Shyam Prakash	CIVIL ENGINEERING	International Journal of Recent Technology and Engineering (IJRTE)	2019	ISSN 2277-3878	SCOPUS
15	Performance of Autoclaved Aerated Concrete Blocks Under Varying Temperatures	Dr.V.Jagadish	CIVIL ENGINEERING	International Journal of Recent Technology and Engineering (IJRTE)	2019	ISSN 2277-3878	SCOPUS

16	Crumb Rubber Modified Bitumen and Quarry Dust in Flexible Pavements	Dr.Ch.Hanumantha Rao	CIVIL ENGINEERING	International Journal of Recent Technology and Engineering (IJRTE)	2019	ISSN 2277-3878	SCOPUS
17	Experimental Investigation of Roller Compacted Concrete with Industrial Wastes	Dr.K.ShyamPrakash	CIVIL ENGINEERING	International Journal of Recent Technology and Engineering (IJRTE)	2019	ISSN 2277-3878	SCOPUS
18	Ground Quality Assessment for Drinking Purpose in Vijayawada Region, Andhra Pradesh, India	Dr.Ch.Hanumantha Rao	CIVIL ENGINEERING	International Journal of Engineering and Advanced Technology (IJEAT)	2019	ISSN: 2249-8958	SCOPUS
19	Liquefaction Hazard In the Ap Capital Region, India	Dr.Ch.Hanumantha Rao	CIVIL ENGINEERING	International Journal of Innovation and Exploring Engineering (IJITEE)	2019	ISSN: 2278-3075	SCOPUS
2017-18							
1	Stabilization of black cotton soil by using cement, lime and rice husk in flexible pavements	Dr.K.ShyamPrakash	CIVIL ENGINEERING	International Journal of Engineering & Technology	2018	(ISSN: 2227-524X)	SCOPUS

2	A Study on Volume, Speed and Lane Distribution of Mixed Traffic Flow by using Video Graphic Technique	Dr.K.Shyam.Prakash/ M.SaiNarendra	CIVIL ENGINEERING	International Journal of Engineering & Technology	2018	(ISSN: 2227-524X)	SCOPUS
3	Optimization of Urban Public Transportation System in Vijayawada - A Case Study	Dr.K.Shyam.Prakash/ M.SaiNarendra	CIVIL ENGINEERING	International Journal of Engineering & Technology	2018	(ISSN: 2227-524X)	SCOPUS
4	"A synoptical representation on potentiality of ground water using geo spatial technology"	G.V.R.Kumari	CIVIL ENGINEERING	International Journal of Civil Engineering and Technology	2018	(ISSN Print: 0976-6308)	SCOPUS
5	Numerical Investigation on Effect of CFRP on Shear Strengthening of RC Beams	Ms. K. Divya	CIVIL ENGINEERING	International Journal for Research in Engineering Application & Management	2018	ISSN : 2454-9150	https://www.ugc.ac.in/journallist/subjectwisejournallist.aspx?tid=SW50ZXJuYXRpb25hbCBkb3VybmFsIGZvciBSZXNIYXJjaCBpb25hbWl1b25hbWw5kiGNvbnRyb2wgc3lzIGVt&did=Q3VycmVudCBuXrZXM=
6	Design and analysis of ejector refrigerator system	Dr.A.Adilakshmi	CIVIL ENGINEERING	Journal of advanced research in dynamical and control system	2018	ISSN 1943-023X	https://www.ugc.ac.in/journallist/subjectwisejournallist.aspx?tid=Sm91cm5hbCBvZiBhZHhbmNlZCBYdXNIYXJjaCBpb25hbWl1b25hbWw5kiGNvbnRyb2wgc3lzIGVt&did=Q3VycmVudCBhbmQgQ2Vhc2VkiFRpdGxlcw==
7	Effective utilization of Quarry dust	Dr.K.ShyamPrakash	CIVIL ENGINEERING	ARPJN Journal of Engineering and	2018	ISSN 1819-6608	https://www.ugc.ac.in/journallist/subjectwisejournallist.aspx?tid=QVJQTiBkb3VybmFsIG9mIEVvZ2luZWVyaW5nIGFuZCB

	flexible pavement as per IRC 37-2012			Applied Sciences			BcHBsaWVklFNjaWVuY2Vz&&did=Q3Vy cmVudCBhbmQgQ2Vhc2VklFRpdGxlcw= =
8	"A study on conventional and non-conventional energy and carbon dioxide emissions in Visakhapatnam"	S.N.Prashanth	CIVIL ENGINEERING	International Journal of Modern Trends in Engineering and Research	2017	(ISSN Print: 2393-8161)	OTHERS
9	"Flexural Behaviour of Reinforced Geopolymer Concrete beams with GGBS and Metakaolin"	Dr. K. Ramesh	CIVIL ENGINEERING	Global Journal of Engineering Science and Researches.	2017	ISSN 2348 – 8034	OTHERS
10	"Sustainable management of ground water resources using geo spatial technology"	G.V.R.Kumari	CIVIL ENGINEERING	International Journal of Civil Engineering and Technology	2017	ISSN 0976-6308	SCOPUS
11	"Mapping and Modelling of ground water pattern using geo spatial technology"	G.V.R.Kumari	CIVIL ENGINEERING	International Journal of Civil Engineering and Technology	2017	(ISSN Print: 0976-6308	SCOPUS
12	"Effect of Alkali Activators on Compressive Strength of Geopolymer Mortars with GGBS and Metakaolin"	Dr.K.Ramesh	CIVIL ENGINEERING	World Conference on Applied Sciences, Engineering and Technology	2017	ISSN 2319-5347	OTHERS
13	"Design, manufacturing and analysis of bio-medical parts (3d printed bone and tooth) using additive manufacturing"	Dr.A.Adilakshmi	CIVIL ENGINEERING	International Journal of Latest Trends in Engineering and Technology	2017	ISSN:2278-621X)	OTHERS

14	"Assessment of ground water quality in Deshmukhi village Nalgonda district, Telangana"	Dr.A.Adilakshmi	CIVIL ENGINEERING	International Journal of Advancement in Engineering Technology, Management and Applied Science	2017	ISSN: 2349-3224	OTHERS
15	"Strength Characteristics of Quarry Dust in replacement of sand"	Dr.K.ShyamPrakash	CIVIL ENGINEERING	Materials Science and Engineering	2017	ISSN: 1757-899X	https://www.ugc.ac.in/journallist/subjectwisejournallist.aspx?tid=TWFOZXJpYWxzIFNjaWVuY2UgYW5kiEVuZ2luZWVyaW5n&did=Q3VyYcmVudCBhbmQgQ2Vhc2VkIFRpdGxlcw==
16	"Replacement of Fine Aggregate by using Recyclable Materials in Paving Blocks"	Dr.K.ShyamPrakash	CIVIL ENGINEERING	Materials Science and Engineering	2017	ISSN: 1757-899X	https://www.ugc.ac.in/journallist/subjectwisejournallist.aspx?tid=TWFOZXJpYWxzIFNjaWVuY2UgYW5kiEVuZ2luZWVyaW5n&did=Q3VyYcmVudCBhbmQgQ2Vhc2VkIFRpdGxlcw==
2016-17							
1	An experimental study on the performance of M100 concrete at elevated temperature	Mr. A. Sreenivasulu	CIVIL ENGINEERING	Journal Of Structural Engineering (JOSE) – a CSIR Journal	2016	ISSN 0733-9445	https://www.ugc.ac.in/journallist/subjectwisejournallist.aspx?tid=5m91cm5hbCBPZiBTdHJ1Y3R1cmFslEVuZ2luZWVyaW5nIA==&did=Q3VyYcmVudCBUaXRzZXM=
2	Strength properties of Coir Fibre Reinforced flyash based Geo Polymer Concrete (CFRGPC)	Dr. K. Ramesh	CIVIL ENGINEERING	International Journal of Civil Engineering Research (IJCER)	2016	ISSN :2278-3652	OTHERS
3	Terrain analysis of exponentially sprawling urban environs of Hyderabad, Telangana, India - an integrated geospatial and Seismo-tectonic approach	Dr. K. Ramesh	CIVIL ENGINEERING	International Journal of Applied Engineering Research	2016	ISSN 0973-4562	https://www.ugc.ac.in/journallist/subjectwisejournallist.aspx?tid=SW50ZXJpYXRpb25hbCBKb3VybmFslIG9mIEFwcGxpZlZlQgRW5naW5lZXJpbmVzZWVyaW5n&did=Q3VyYcmVudCBUaXRzZXM=

4	Experimental study on strength properties of matakaolin and GGBS based geopolymer concrete	Dr. K. Ramesh	CIVIL ENGINEERING	ARPN Journal of Engg. And applied sciences	2016	ISSN 1819-6608	SCOPUS
5	"An Experimental Investigation on Flexural behavior of GGBS and Metakaoline Based Geopolymer Concrete"	Dr.K.Ramesh	CIVIL ENGINEERING	ARPN Journal of Engineering and Applied Sciences	2017	ISSN 1819-6608	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=QVJQTiBk3VybmFsIG9mIEVuz2luZWVyaW5nIGFuZCBhcHBsaWVkiFNjaWVuY2Vz&&did=Q3VycmVudCBUaXRzZXM=
6	Durability studies of GGBS and Metakaolin based on Geopolymer Concrete	Dr. K. Ramesh	CIVIL ENGINEERING	International Journal of Civil Engineering and Technology (IJCIET)	2017	ISSN : 0976-6308	SCOPUS
7	Evaluation of Physicochemical parameters of Eluru and Bandar canals of Krishna river in Vijayawada	Dr. K.V.G.K Rao	CIVIL ENGINEERING	International Journal of Science & Engineering Development Research	2017	ISSN: 2445-2631	OTHERS
8	"Evaluation of heavy metals in water, soil and cauliflower in penamalurumandal in Vijayawada"	Dr.K.V.G.K.Rao	CIVIL ENGINEERING	International Journal of Multidisciplinary Advanced Research Trends	2017	ISSN : 2349-7408	OTHERS
9	"Comparative study on CBR values of expansive soil using different industrial effluents"	Mr.K.V.N.L.Naik	CIVIL ENGINEERING	International Journal of Engineering Research in Mechanical and Civil Engineering	2017	ISSN 2456-1290	OTHERS
10	"Vulnerability assessment of buildings in vijayawada"	Ms. K. AparnaSrivastav	CIVIL ENGINEERING	International Journal of Engineering Research in Mechanical and Civil Engineering	2017	ISSN 2456-1290	OTHERS

11	Evaluation of ground water pattern in black cotton soils using geospatial technology-a model study	Ms.G.V.Ratna Kumari	CIVIL ENGINEERING	International Journal of Civil Engineering and Technology	2017	ISSN 0976-6308	SCOPUS
12	"Conceptual evaluation of noise quality in urban areas: a model study"	Ms.G.V.Ratna Kumari	CIVIL ENGINEERING	International Journal of Civil Engineering and Technology	2017	ISSN 0976-6308	SCOPUS
13	"Water quality scenario of urban polluted lakes – a model study"	Ms.G.V.Ratna Kumari	CIVIL ENGINEERING	International Journal of Civil Engineering and Technology	2017	ISSN: 0976-6308	SCOPUS
14	"A systematic approach for the assessment of environmental quality at thermal power plants using geo-spatial technology: a model study"	Ms.G.V.Ratna Kumari	CIVIL ENGINEERING	International Journal of Civil Engineering and Technology	2017	ISSN Print: 0976-6308	SCOPUS
15	"Field kits for water quality monitoring– A novel approach"	Ms.G.V.Ratna Kumari	CIVIL ENGINEERING	International Journal Of Scientific Research	2017	ISSN No 2277 - 8179	OTHERS
16	"Urban Management Planning Using Geospatial Technology For Part Of Hyderabad City, Telangana"	Ms.G.V.Ratna Kumari	CIVIL ENGINEERING	International Journal Of Scientific Research	2017	ISSN No 2277 - 8179	OTHERS
17	"Partial Replacement of Fine Aggregates with Quarry Dust in Concrete Pavements"	K.Shyam Prakash	CIVIL ENGINEERING	International Journal Of Engineering Research	2017	ISSN: 2319-6890	OTHERS
18	"Study on Compressive strength of Quarry	K.Shyam Prakash	CIVIL ENGINEERING	Hindawi Publishing Corporation	2017	Volume 2016, Article ID 1742769	OTHERS

	Dust as Fine Aggregate in Concrete”						
19	Environmental Impact Assessment of A Proposed 2640 MW Thermal Power Plant at Sompeta Using RIAM	S.Naga Prasanth	CIVIL ENGINEERING	Journal of Civil & Environmental Engineering	2017	ISSN: 2165-784X	OTHERS
20	Experimental Study on Metakaolin and GGBS Based Geopolymer Concrete	K.Ramesh	CIVIL ENGINEERING	International Journal of Engineering and Technology (IJET)	2017	ISSN: 2319-8613	https://www.ugc.ac.in/journallist/subjwisejournallist.aspx?tid=SW50ZXJuYXRpb25hbCBkb3VybmFslG9mIEVud2luZWVyaW5nIGFuZCBUZWNobm9sb2d5&&did=Q3VydmVudCBUaXRzZXM=
2015-16							
1	Geospatial technology – A smart solution for smart and sustainable cities	Ms. K. Sai Sahitya	CIVIL ENGINEERING	ELK Asia Specific Journal	2016	ISBN: 978-81-930411-5-4	OTHERS
2	Partial replacement of fine aggregate by using waste glass	Mrs. K. Aparna Srivastav	CIVIL ENGINEERING	International Journal of New innovations in Engg. & Technology	2016	ISSN: 2319-6319	OTHERS
3	Seismic analysis and design of G+5 residential building	Mrs. K. Aparna Srivastav	CIVIL ENGINEERING	International Journal of Latest trends in Engg. & Technology	2016	ISSN : 2278-621X	OTHERS
4	A Study on characterization of municipal solid waste in Vijayawada city	Mr. S. Naga Prasanth	CIVIL ENGINEERING	International Journal of Latest trends in Engg. & Technology	2016	ISSN : 2278-621X	OTHERS
5	A Study on performance and evaluation of waste water treatment plant in Vijayawada	Mr. S. Naga Prasanth	CIVIL ENGINEERING	Journal of Environmental Engg. & studies	2016	Vol.1, issue 1, MAT Journals	OTHERS
6	Strength	Mr. K. Shyam	CIVIL	Electronic Journal of	2016	Vol. 21, (2016,	OTHERS

	characteristics of expansive soils and murrum using quarry dust	Prakash	ENGINEERING	Geotechnical Engineering (EJGE)		Bund.05)	
7	Effect of Metakaolin and Cerafibermix on Mechanical and durability properties of mortars	Ms. Ch. Sumasree	CIVIL ENGINEERING	International Journal of Science, Engineering and Technology	2016	ISSN 2348-4098	OTHERS
2014-15							
1	Percentage replacement of Bitumen with sugarcane waste molasses	Mr. K. Shyam Prakash	CIVIL ENGINEERING	International Journal of Civil Engineering and Technology (IJCIET)	2014	Volume-5, Issue- 7, pp. 188-197	SCOPUS
2	Geo-Polymer concrete using Metakaolin, flyash and their comparision	Dr. B.S.R.K Prasad	CIVIL ENGINEERING	International Journal of Engineering Research & Technology	2014	Volume 3, Issue 08	OTHERS
3	Analysis of Voided deck slab and Cellular deck slab using Midas Civil	Dr. B.S.R.K Prasad	CIVIL ENGINEERING	International Journal of Engineering Research & Technology	2014	Volume 3, Issue 09	OTHERS
4	Evaluation of Seismic vulnerability of multistoried structures using pushover analysis	Mr. K. Vijaya Kishore	CIVIL ENGINEERING	IOSR Journal of Mechanical and Civil Engineering	2015	Volume-12, Issue- 2, ver.1, pp. 18-30	OTHERS