

PRASAD V. POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY
DEPARTMENT OF CIVIL ENGINEERING
PAPER PUBLICATIONS
During the A.Y 2020-21

S.No.	Name of the Faculty & Designation	Name of the Journal	Title of the Paper	ISSN No.	Volume/ Issue/Year	Indexing
1	Dr.K.Ramesh	IOP Conf. Series: Materials Science and Engineering	Strengthening of RC Beams with M-Sand using external bonding of steel plates	ISSN:1757-8981	Vol.912, pp.1-12, September 2020	Web of Science
2	Dr.K.Ramesh	IOP Conf. Series: Materials Science and Engineering	Influence of carbon steel fibers on the flexural crack width of RC beam	ISSN:1757-8981	Vol.912, pp.1-13, September 2020	Web of Science
3	Dr. V. Jagadish	IOP Conf. Series: Materials Science and Engineering	Precast Bamboo Reinforced Furniture Elements using Self Compacting Concrete			Accepted
4	Dr. V. Jagadish	IOP Conf. Series: Materials Science and Engineering	Performance of fly ash and GGBS based Geopolymer Concrete using single alkaline activator solution and Its cost analysis			Accepted
5	Dr. V. Jagadish	IOP Conf. Series: Materials Science and Engineering	Sustainable Bamboo Housing for the Earthquake Prone Areas			Accepted
6	Dr. K. Shyam Prakash	ARPN Journal of Engineering and Applied Sciences	Utilization of Quarry Dust in Paving Blocks	Vol. 15, No.14, July 2020 ISSN 1819-	0.52	Scopus

				6608		
7	K.V.Subash	Materials Today: Proceedings	Pattern recognition neural network model for experimental based compressive strength graded self compacting concrete	ISSN 2214-7853	Accepted and article in press, July 2020	Web of Science
8	M. Durga Prasanna	Solid State Technology	An Experimental Study on Partial Replacement of Cement with Rice husk Ash and Glass Fibers	Vol: 63, Issue: 1s	Oct 2020	Scopus

During the A.Y 2019-20

S.No.	Name of the Faculty & Designation	Name of the Journal	Title of the Paper	ISSN No.	Volume/ Issue/Year	Indexing
1	Dr.K.Ramesh	Advances in Geotechnical and Transportation Engineering	Mathematical Modelling of Displacements in Building Frame Founded on Pile Groups Embedded in Sand	2366-2557, ISBN No: 978-981-15-3662-5	Springer Nature Singapore Pte Ltd.(2020), pp.1-, 2020	Scopus
2	Dr.A.Adilakshmi	International Journal of Mechanical Engineering and Production Engineering Research and Development	The design and fabrication of sola organic rankine cycle for power generation	2249-6890	Vol.9, Special Issue, pp. 111-117, December 2019	Scopus
3	Dr.A.Adilakshmi	International Journal of Advanced Research in Engineering & Technology (IJARET)	Sustainable development vs Environment protection - achieving a Fine balance: a case study of Andhra Pradesh	2394 – 6814	Vol: 11 Issue 6, Pp 106-112, June 2020	Scopus

4	Dr. V.Jagadish	Emerging Trends in Civil Engineering : Lecture Notes in Civil Engineering	Use of GGBS in Manufacturing of Solid Concrete Blocks	2366-2557, ISBN 978-981-15-1404-3	vol 61. Springer, Singapore, pp 177-195, 2020	Scopus
5	Dr. V. Jagadish	Advances in Sustainable Construction Materials	Comparison of Embodied Energy in different Bamboo-Based Houses	2366-2557, ISBN 978-981-15-3361-7	Vol. 68, Springer, 18 April 2020	Scopus
6	Dr. V. Jagadish	International Journal of Advanced Science and Technology	Comparative thermal analysis on cool roof coatings in Bengaluru	2005-4238	Vol. 29 (7), pp: 4272-4280, June 2020	Scopus
7	Dr. K. Shyam Prakash	TEST Engineering and Management	Replacement of Bitumen with Molasses	ISSN: 0193-4120	Page No. 14264 – 14270, March – April 2020	Scopus
8	Dr. K. Shyam Prakash	TEST Engineering and Management	Road Accident Scenario in Vijayawada – A case study	ISSN: 0193-4120	Page No. 8892 – 8901, May – June 2020	Scopus
9	K.V.Subash	Materials Today: Proceedings	Assessment of strength characteristics for experimental based workable self compacting concrete using artificial neural network	ISSN 2214-7853	Volume-26, Issue P2, March 2020	Scopus
10	Ms. G. V. RatnaKumari	International Journal of Innovative Technology and Exploring Engineering(IJITEE)	Urban Water Quality Scenario by using Geospatial Engineering	ISSN: 2278-3075	Volume-9, Issue-3, January 2020	Scopus
11	Ms. G. V. RatnaKumari	International Journal of Innovative Technology and Exploring Engineering(IJITEE)	Ground Water Quality At Down Stream Area Of River Basin By Using Geospatial Engineering	ISSN: 2278-3075	Volume-9, Issue-3, January 2020	Scopus
12	Ms. G. V. RatnaKumari	International Journal of Recent Technology and Engineering (IJRTE)	Impact Of Lime Stone On Groundwater And Soil	ISSN: 2277-3878	Volume-8, Issue-5, January 2020	Scopus

13	Ms. G. V. RatnaKumari	International Journal of Recent Technology and Engineering (IJRTE)	Remediation Of Urban Polluted Lake Water And Sediments	ISSN: 2277-3878	Volume-8, Issue-5, January 2020	Scopus
14	Ms. G. V. RatnaKumari	International Journal of Innovative Technology and Exploring Engineering(IJITEE)	Geospatial Engineering on Hydrological Behaviour of Catchments at River Basin	ISSN: 2278-3075	Volume-9, Issue-4, February 2020	Scopus
15	Ms. G. V. RatnaKumari	International Journal of Innovative Technology and Exploring Engineering(IJITEE)	Statistical Modelling of Ground water for Environmental Sustainbilty	ISSN: 2278-3075	Volume-9, Issue-4, February 2020	Scopus
16	Ms. K. Divya	TEST Engineering and Management	Reliability Of GFRP Reinforced Concrete Beams	ISSN: 0193-4120	May - June 2020	Scopus
17	K. N. A. G. K. Manikanta	TEST Engineering and Management	Developmental Mathematical Relation Between Compressive Strength of different grades of OPC concrete with stone dust as Fine aggregates by accelerated curing and normal curing	ISSN: 0193-4120	Page No. 14201 – 14204, March – April 2020	Scopus
18	Ms. K. Prasanthi	International Journal of Scientific & Engineering Research	Study on Strength Parameters of Flyash based Geopolymer Concrete with Coir Fibre Reinforcement for 10m, 12m Molar Activator	ISSN: 2229-5518	Jun-20	Others
19	M. Durga Prasanna	International Journal of Engineering Research & Technology	A Comparative study on Behavior of High rise Building with a shear wall under Seismic Analysis	ISSN: 2278-0181	Vol: 8 Issue 07, July 2019	Others

During the A.Y 2018-19

S. No.	Name of the Faculty	Name of the Journal	Title of the paper	Details of Edition	Impact Factor	Recognized by
1	Mr. A. Sreenivasulu	International Journal of Research and Scientific Innovation	Design and development of M150 grade concrete	ISSN :2321-2705, August 2018, Page No. 52-55, Volume 5, issue 8	3.171	General
2	Ms. G. V. RatnaKumari	International Journal of Civil Engineering and Technology (IJCIET)	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	ISSN : 0976-6308, Volume 9, Issue 11, November 2018	9.782	Scopus
3	Mr. A. Sreenivasulu	International Journal of Research and Analytical Reviews (IJRAR)	The effect of temperature on mechanical properties of M150 concrete	ISSN : 2349-5138, Volume 5, Issue 4, December 2018	5.75	UGC
4	Ms.G.V.R.Kumari	International Journal of Civil Engineering and Technology (IJCIET)	“An investigative study on water quality distribution in the zones of municipal corporation using remote sensing and gis applications”	Volume 9, Issue 6, June 2018, pp. 1182–1190	9.782	Scopus
5	Mr.K.N.A.G.K. Manikanta and K.Ramesh	Journal of Advanced Cement & Concrete Technology	Study on concrete with ceramic waste as replacement of coarse aggregate	Volume 1 Issue 3, 2018, pp. 14-18.	1.134	General
6	Dr.A.Adilakshmi	International Journal of Mechanical and production engineering research and development	Pattiseema lift irrigation a hydraulic wonder: a case study in interlinking rivers	Volume 8, Issue 4, August 2018	7.61	Scopus
7	Ms.G.V.R.Kumari	International Journal of Civil Engineering and Technology (IJCIET)	Evaluation and remediation of sludge from municipal solid waste dumping sites: a model study	Volume 9, Issue 10, October 2018, pp. 591–599	9.782	Scopus

8	Dr. K. Ramesh	IOP conference series: material Science and Engineering,	“Analytical study on Flexural behaviour of Reinforced Geo polymer Concrete beams by ANSYS”	Volume 455, pp:1-9. July 2018 doi:10.1088/1757-899X/455/1/012065.ISSN:1757-8981	17 h-index	Scopus
9	G.V.R. Kumari	International Journal of Civil Engineering and Technology (IJCIET)	“A comprehensive report on groundwater quality monitoring and management by using geospatial technology - a model study”	Volume 9, Issue 13, December 2018, pp. 827–833, ISSN Print: 0976-6308.	9.782	Scopus
10	Dr. K. Ramesh	Journal of Mechanics of Continua and Mathematical Sciences	Journal of Mechanics of Continua and Mathematical Sciences	ISSN (print) 0973-8975, ISSN (Online):2454-7190	Vol.14, No.1 January – February 2019, pp. 21-36.	ESCI (web of science)
11	Ramesh.K; K.N.A.G.K. Manikanta,	International Journal of Engineering Research and Technology(IJERT)	Durability studies on Concrete with Ferro Chrome slag as partial replacement of fine aggregate.	Vol.8, No.3, March 2019. pp.159-164 ISSN Online: 2278-0181	7.86	Elsevier SSRN
12	Ramesh.K; K.N.A.G.K.	International Journal of Recent Technology and Engineering	Study on Concrete with Ceramic Waste as Partial Replacement of Coarse Aggregate.	Volume-8 Issue-1, May 2019 ISSN: 2277-3878 (Online)	5.92	Scopus
13	D.Jaya Krishna, M.Sai Narendra, K.Shyam Prakash	Global Journal Of Engineering Science And Researches	Comparison Of Analysis And Design Of G+5 Residential Building Frame Using Build Master And Staad Pro. Softwares	ISSN 2348-8034	5.070	UGC
14	K.Shyam Prakash	International Journal of Recent Technology and Engineering (IJRTE)	Experimental Investigation of Roller Compacted Concrete with Industrial Wastes	ISSN 2277-3878, Vol 7 Issue 6C2, April 2019	5.92	Scopus
15	V.Jagadish	International Journal of Recent Technology and Engineering (IJRTE)	Performance of Autoclaved Aerated Concrete Blocks Under Varying Temperatures	ISSN 2277-3878, Vol 7 Issue 6C2, April 2019	5.92	Scopus

During the A.Y 2017-18

S. No.	Name of the Faculty	Name of the Journal	Title of the paper	ISSN	Impact Factor	Recognized by
1	K.ShyamPrakash	International Journal of Engineering & Technology	Stabilization of black cotton soil by using cement, lime and rice husk in flexible pavements	2018 (ISSN: 2227-524X)	0.39	Scopus
2	K.Shyam.Prakash/ M.SaiNarendra	International Journal of Engineering & Technology	A Study on Volume, speed and Lane Distribution of Mixed Traffic Flow by using Video Graphic Technique	2018 (ISSN: 2227-524X)	0.39	Scopus
3	K.Shyam.Prakash/ M.SaiNarendra	International Journal of Engineering & Technology	Optimization of Urban Public Transportation System in Vijayawada - A Case Study	2018 (ISSN: 2227-524X)	0.39	Scopus
4	G.V.R.Kumari	International Journal of Civil Engineering and Technology	"A synoptical representation on potentiality of ground water using geo spatial technology"	2018 (ISSN Print: 0976-6308 and ISSN Online: 0976-6316)	9.782	Scopus
5	S.N.Prashanth	International Journal of Modern Trends in Engineering and Research	"A study on conventional and non-conventional energy and carbon dioxide emissions in Visakhapatnam"	2017 (ISSN Print: 2393-8161 and ISSN Online: 2349-9745)	4.364	Scopus
6	Dr. K. Ramesh	Global Journal of Engineering Science and Researches.	"Flexural Behaviour of Reinforced Geopolymer Concrete beams with GGBS and Metakaolin"	2017 ISSN 2348 – 8034	4.022	General
7	G.V.R.Kumari	International Journal of	"Sustainable management of ground	2017	9.782	Scopus

		Civil Engineering and Technology	water resources using geo spatial technology"	ISSN 0976-6308		
8	G.V.R.Kumari	International Journal of Civil Engineering and Technology	"Mapping and Modelling of ground water pattern using geo spatial technology"	2017 (ISSN Print: 0976-6308	9.782	Scopus
9	Dr.K.Ramesh	World Conference on Applied Sciences, Engineering and Technology	"Effect of Alkali Activators on Compressive Strength of Geopolymer Mortars with GGBS and Metakaolin"	2017 ISSN 2319-5347	-	General
10	Dr.A.Adilakshmi	International Journal of Latest Trends in Engineering and Technology	"Design, manufacturing and analysis of bio-medical parts (3d printed bone and tooth) using additive manufacturing"	2017 ISSN:2278-621X)	4.49	General
11	Dr.A.Adilakshmi	International Journal of Advancement in Engineering Technology, Management and Applied Science	"Assessment of ground water quality in Deshmukhi village Nalgonda district, Telangana"	2017 ISSN: 2349-3224	3.102	General
12	Ms. K. Divya	International Journal for Research in Engineering Application & Management	Numerical Investigation on Effect of CFRP on Shear Strengthening of RC Beams	ISSN : 2454-9150 IMC18CVL101	5.646	UGC
13	K. Shyam Prakash	ARPJ Journal of Engineering and Applied Sciences	Effective utilization of Quarry dust flexible pavement as per IRC 37-2012	Vol. 13, No.5, March 2018 ISSN 1819-6608	0.52	Scopus
14	K. Shyam Prakash	Materials Science and Engineering	"Strength Characteristics of Quarry Dust in replacement of sand"	2017 ISSN: 1757-899X	1.372	Scopus
15	K. Shyam Prakash	Materials Science and Engineering	"Replacement of Fine Aggregate by using Recyclable Materials in Paving Blocks"	2017 ISSN: 1757-899X	1.372	Scopus
16	Dr.A.Adilakshmi	Journal of advanced research in dynamical and control system	Design and analysis of ejector refrigerator system	ISSN 1943-023X Sept 2018, Vol. 10	0.22	UGC

During the A.Y 2016-17

S. No.	Name of the faculty	Title of the paper	Name of the Journal	Details of edition	Impact Factor
1	Mr. A. Sreenivasulu	An experimental study on the performance of M100 concrete at elevated temperature	Journal Of Structural Engineering (JOSE) – a CSIR Journal	ISSN0733-9445 Vol. 43, No. 2, June - July 2016 pp. 221-226.	2.021
2	Dr. K. Ramesh	Strength properties of Coir Fibre Reinforced flyash based Geo Polymer Concrete (CFRGPC)	International Journal of Civil Engineering Research (IJCER)	ISSN :2278-3652 Vol.4, Issue 3, Pages 63-68, September 2016	6.41
3	Dr. K. Ramesh	Terrain analysis of exponentially sprawling urban environs of Hyderabad, Telangana, India - an integrated geospatial and Seismo-tectonic approach	International Journal of Applied Engineering Research	ISSN 0973-4562 Volume 11, Number 2 (2016) pp 1282-1286	35 H-index 3.61
4	Dr. K. Ramesh	Experimental study on strength properties of matakaolin and GGBS based geopolymer concrete	ARPJ Journal of Engg. And applied sciences	ISSN 1819-6608 Vol. 11, No. 21, November 2016	17(H-index) (Scopus)
5	Dr.K.Ramesh	"An Experimental Investigation on Flexural behavior of GGBS and Metakaoline Based Geopolymer Concrete"	ARPJ Journal of Engineering and Applied Sciences	2017 ISSN 1819-6608	17(H-index) (Scopus)
6	Dr. K. Ramesh	Durability studies of GGBS and Metakaolin based on Geopolymer Concrete	International Journal of Civil Engineering and Technology (IJCIET)	ISSN : 0976-6308 Vol.8, Issue 1, January 2017, pp.17-28.	9.782
7	Dr. K.V.G.K Rao	Evaluation of Physicochemical parameters of Eluru and Bandar canals of Krishna river in Vijayawada	International Journal of Science & Engineering Development Research	ISSN: 2445-2631 Vol.2, Issue 2, February 2017	-

8	Dr.K.V.G.K.Rao	"Evaluation of heavy metals in water, soil and cauliflower in penamalurumandal in Vijayawada"	International Journal of Multidisciplinary Advanced Research Trends	2017 ISSN : 2349-7408	-
9	Mr.K.V.N.L.Naik	"Comparative study on CBR values of expansive soil using different industrial effluents"	International Journal of Engineering Research in Mechanical and Civil Engineering	2017 ISSN 2456-1290	3.8
10	Ms. K. AparnaSrivastav	"Vulnerability assessment of buildings in vijayawada"	International Journal of Engineering Research in Mechanical and Civil Engineering	2017 ISSN 2456-1290	3.8
11	Ms.G.V.RatnaKumari	Evaluation of ground water pattern in black cotton soils using geospatial technology-a model study	International Journal of Civil Engineering and Technology	2017 ISSN 0976-6308	9.782 Scopus
12	Ms.G.V.RatnaKumari	"Conceptual evaluation of noise quality in urban areas: a model study"	International Journal of Civil Engineering and Technology	2017 ISSN 0976-6308	9.782Scopus
13	Ms.G.V.RatnaKumari	"Water quality scenario of urban polluted lakes – a model study"	International Journal of Civil Engineering and Technology	2017 (ISSN: 0976-6308)	9.782 Scopus
14	Ms.G.V.RatnaKumari	"A systematic approach for the assessment of environmental quality at thermal power plants using geo-spatial technology: a model study"	International Journal of Civil Engineering and Technology	2017 (ISSN Print: 0976-6308 and ISSN Online: 0976-6316)	9.782 Scopus
15	Ms.G.V.RatnaKumari	"Field kits for water quality monitoring–A novel approach"	International Journal Of Scientific Research	Volume : 5 Issue : 12 December-2016 ISSN No 2277 - 8179	4.758
16	Ms.G.V.RatnaKumari	"Urban Management Planning Using Geospatial Technology For Part Of Hyderabad City, Telangana"	International Journal Of Scientific Research	Vol : 5, Issue : 12, December-2016, ISSN No 2277 - 8179	4.758

17	K.Shyam Prakash	“Partial Replacement of Fine Aggregates with Quarry Dust in Concrete Pavements”	International Journal Of Engineering Research	Vol : 5, Issue : 12, 1 st December 2016, pp 919-921	5.49
18	K.Shyam Prakash	“Study on Compressive strength of Quarry Dust as Fine Aggregate in Concrete”	Hindawi Publishing Corporation	Volume 2016, Article ID 1742769	
19	S.Naga Prasanth	Environmental Impact Assessment of A Proposed 2640 MW Thermal Power Plant at Sompeta Using RIAM	Journal of Civil & Environmental Engineering	Volume 6, Issue 3, ISSN: 2165-784X	0.92
20	K.Ramesh	Experimental Study on Metakaolin and GGBS Based Geopolymer Concrete	International Journal of Engineering and Technology (IJET)	Vol 9 No 2 April-May 2017 ISSN: 0975-4024	0.21