

No of Publications year wise in journals

YEAR	TOTAL NUMBER OF PAPERS
2021-22 (Till Now)	7
2020-21	16
2019-20	13
2018-19	6
2017-18	2
2016-17	3
2015-16	4
2014-15	2
2013-14	5
Total	58

DETAILS OF PUBLICATIONS IN JOURNALS

year	Name of the journal	Name of staff members involved	Name of the topic	VOL, other deatils
2021-22	IOP Conference Series: Materials Science and Engineering,	B. Krishna Chaitanya	Assessment of strength and durability parameters for concrete with partial replacement of coarse aggregates by iron slag and glass powder as an additive	Vol.1126, March-2020
	Turkish Journal of Computer and mathematics Education (Scopus Indexed)	B. Kesava Rao R. Chandramohan G. Sanijya Y. Naga Mahesh	Shear walls induced reinforced concrete structures	Vol.12 (2), 1827–1834, 2021
	Turkish Journal of Computer and mathematics Education (Scopus Indexed)	B. Yellamanda Rao Y. Naga Mahesh A. Naga Sai B. Kesava Rao G. Naga Venkat	Study on mechanical properties of concrete by fractional replacement of cement with metakaolin and sand with m-sand by using M30 grade	Vol.12 (2), 1835–1840, 2021
	Ecology, Environment and Conservation (Scopus Indexed)	K. Leela Krishna A. Srinivasa Prasad	Best compromised reservoir operating policy under uncertain inflows by fuzzy linear programming	Vol. 27 (2), 650–655, 2021

	Materials Today: Proceedings (Scopus Indexed)	L. N. K. Sai Madupu N. V. Sairam Kumar B. Krishna Chaitanya R. Vaishnav Kumar,	Evaluation of mechanical and flow properties of crimped steel fiber in self-compacting concrete	Vol.45, 4835–4840, 2021
	Materials Today: Proceedings (Scopus Indexed)	B. Krishna Chaitanya	Analysis of structure on slopes infill shear wall at different locations	19 February 2021
	IOP Conference Series: Materials Science and Engineering,	N. Venkata Sairam Kumar	Palm oil fuel ash as partial substitute to cement in concrete: Performance at elevated temperatures	Vol. 1136, March-2020
2020-21	International Journal of Innovative Technology and Exploring Engineering	R. Chandramohan N. Siva Vignesh,	Recognizing outlet points description on watershed on ottanchatram taulk by GIS	Vol.8 (3), 101–106, 2020
	Journal of Critical Reviews,	B. Krishna Chaitanya Ch. Bala Rama Krishna R. Vaishnav Kumar N Venkata Sairam Kumar S. Srikanth Reddy	Feasibility and Performance of Bacteria Based Self-Healing Mechanism in Concrete	Vol.7 (18), 2020 765–769
	Journal of Structural Engineering	A. K. Neelakantam K. S. Sai Ram	Free vibration of functionally graded carbon nanotube reinforced composite cylindrical shell panel with a cutout	Vol.47 (1), 80-90, 2020
	Materials Today Proceedings	K. S. Vivek T. Sreedhar Babu K. S. Sai Ram	Buckling analysis of functionally graded thin square plates with triangular cut-out subjected to uni-axial loads	Vol.24, 663-672, 2020
	International Journal of Future Generation Communication and Networking	S. Srikanth, Sd. O. Ballari, U. M. Shree Raksha, Ch. Bala Rama Krishna B. Krishna Chaitanya,	Road crossing behaviour of pedestrians at uncontrolled intersections	Vol. 13(3), 2990–3001, 2020
	International Journal of Advanced Research in Engineering and Technology	R. Chandramohan B. Kesava Rao G. Sanijya	Spatial - Temporal analysis on land use and land cover changes in Amaravathi, Andhra Pradesh using GIS	Vol. 11(7), 150–156, 2020
	International Journal of Advanced Engineering and Technology,	J. Usha Kranti K Chanakya Srinivas,	A comparative study of compressive strength and split tensile strength on effect of size of coarse aggregate in hybrid fiber reinforced concrete with different grades	Volume 4(2), 32–35, 2020
	International Journal of Advanced Engineering and Technology	J. Usha Kranti N Venkata Sai Manikanta,	Experimental analysis of steel slag concrete under the influence of micro silica and determination of strength characteristics	Volume 4(2), 27–31, 2020
	Materials Today Proceedings	G. Naga Venkat K. Chandramouli, Ezaz ahmed V. Nagendra Babu,	‘Comparative study on mechanical properties and quality of concrete by part replacement of cement with silica fume,	Volume 43, Part 2, Pages 2376-2382

			metakaolin and GGBS by using M Sand as fine aggregate'	
	Materials Today Proceedings	A. Naga Sai Ravi Ramadoss,	An experimental investigation on effect of durability on strength properties of M40 grade concrete with partial replacement of sand with copper slag	Volume 43, Part 2, Pages 753-759
	Materials Today: Proceedings	J. Usha Kranti, A. Naga Sai, A. Rama Krishna and K. Srinivasu	An experimental investigation on effect of durability on strength properties of M40 grade concrete with partial replacement of sand with copper slag	Volume 43, Part 2, Pages 2368-2374
	IOP Conference Series, Materials Science and Engineering	N. Venkata Sairam Kumar	Performance of crushed rock dust concrete exposed to sulphuric and hydrochloric acid solutions	Vol. 988, Dec. 2020
	IOP Conference Series, Materials Science and Engineering,	N. Venkata Sairam Kumar	'Flexural strength of crushed rock dust concrete at elevated temperatures	Vol: 988, Dec. 2020
	Materials Today: Proceedings	N. Venkata Sairam Kumar,	Crushed rock dust as filler material in concrete	November 2020
	Materials Today: Proceedings	N. Venkata Sairam Kumar	Effect of sulfuric and hydrochloric acid solutions on crushed rock dust concrete	December 2020
	Materials Today: Proceedings,	M. L. N. Krishna Sai and K. S. Sai Ram,	Performance of axially loaded reinforced concrete rectangular columns strengthened with GFRP strips	December 4, 2020
2019-20	International Journal of Engineering and Technology (UAE) (Scopus Indexed)	P. Samatha Chowdary Prof. M. Rama Rao	Cost Benefit Analysis of Flexible and Rigid Pavements of Rural Roads using Rice Husk Ash as Stone Dust as Additives	Vol.7, No. 4 Dec.2018-Jan.2019 pp.6252-6265
	International Journal of Recent Technology and Engineering (IJRTE),	J. Usha Kranti Prof. K. Srinivasu Prof. T. Chandrasekhar Rao Prof. P. Ch. Sanjeeva Rao	Experimental Work on Structural Elements of Concrete by the Replacement of Copper Slag with Fine Aggregate	Vol.7, No. 6, April 2019 pp: 692-699
	International Journal of Recent Technology and Engineering (IJRTE) (Scopus Indexed)	P.Samatha Chowdary Prof. M. Rama Rao	'Macro and Micro Level Investigation of Strength Enhancement of Expansive Soil Stabilized with Lime and Cement using Stone Dust as Additives',	Vol. 7, No.6, April 2019 pp:1951 - 1955
	ARPN Journal of Applied and Engineering Sciences (Scopus Indexed)	P. Samatha Chowdary Prof. M. Rama Rao	Macro and Micro investigation of Change in Curing Period on Soil Stabilized with Lime and Cement using Stone Dust and RHA as Additives',	Vol.14, No.11, June 2019 pp:2020-2028
	Journal of Advanced Research in Dynamical and Control Systems (Scopus Indexed)	J. Usha Kranti Prof. K. Srinivasu,	An experimental study on durability properties of normal grade concrete containing Copper slag as a fine aggregate	Vol. 11, No. 5 2019 pp. 327-334
	The International Journal of Innovative Research in Science, Engineering and Technology	N. Venkata Sairam Kumar G. Sindu Krishna M.V.R Harish Babu	Utilization of Fly Ash in Concrete as Partial Replacement of Cement	Vol.8, No. 7, July 2019 pp. 8271-8279

	International Journal of Innovative Research in Science, Engineering and Technology	N. Venkata Sairam Kumar T. Sri Divya K. Rama Rao	Use Of Fly Ash As Partial Replacement Of Cement In Concrete Subjected To Elevated Temperatures	Vol.8, No.7, July 2019, pp.7773-7779
	Ecology, Environment and Conservation, (Scopus Indexed)	N. Venkata Sairam Kumar Prof. K. S. Sai Ram	Sustainable Use of Waste Crushed Rock Dust as Filler Material in Concrete: Performance at Elevated Temperatures	Vol. 25, No. 3, November 2019 pp. 1230-1238
	Materials today: Proceedings (Elsevier; Scopus Indexed)	N. Venkata Sairam Kumar Prof. K. S. Sairam,	Performance of Concrete at Elevated Temperatures made with Crushed Rock Dust as Filler Material in Concrete'	Vol.18, Issue 7, November 2019 pp. 2270-2278
	Journal of Physics: Conference Series.	K. Leela Krishna Prof. N. V. Umamahesh Prof. A. Srinivasa Prasad,	Optimal Crop Water Allocation Coupled With Reservoir Operation by Genetic Algorithm and Non-Linear Programming (GA-NLP) Hybrid Approach	Vol. 1344, No. 1, November 1, 2019 pp. 01200
	Materials today: Proceedings (Elsevier, Scopus Indexed).	L. N. K. Sai. Madupu Prof. K. S. Sai Ram,	Strengthening of Axially Loaded Reinforced Concrete Rectangular Columns with GFRP Strips	Vol.18, No. 7, November 26, 2019 pp. 3758-3765
	Journal of The Institution of Engineers (India): Series A,	K. Leela Krishna Prof. N. V. Umamahesh Prof. A. Srinivasa Prasad	Multi – Objective Reservoir Operating Strategies by Genetic Algorithm and Non-Linear Programming (GA-NLP) Hybrid Approach	December 21, 2019, pp. 1-11
	Journal of Physics: Conference Series (Scopus Indexed)	Professor A. Srinivasa Prasad K. Leela Krishna,	Optimal design of looped water supply network by GA-NLP hybrid approach	December 30, 2019 pp. 1-12
2018-19	ISH Journal of Hydraulic Engineering,	K. Leela Krishna, N. V. UmaMahesh A. Srinivasa Prasad	Optimal multipurpose reservoir operation planning using Genetic Algorithm and Non Linear Programming (GA-NLP) hybrid approach'	VOL. 24, NO. 2, 258–265
	Materials today: Proceedings [ELSEVIER], (Scopus Indexed)	Mr.N.VenkataSairam Kumar, K.S.Sai Ram,	Experimental study on properties of concrete containing crushed rock dust as a partial replacement of cement	Vol:5, Issue: 2, Part:2, pp. 7240 : 7246, April 2018.
	International Journal for Research in Engineering Application and Management	J.Ushakranti, Prof. Dr.K.Srinivasu	Comparison of The Replacement of natural Sand By Copper Slag on The properties of Concrete (M30 & M40)	
	Pollution Research (Scopus Indexed)	N.Venkata Sairam Kumar, Prof. K.S.Sai Ram	Sustainable use of waste crushed rock dust in Concrete as Partial Replacement of Cement	Vol. 37, No. 3, PP: 684-689, October 2018
	Journal of Structural Engineering (Scopus Indexed)	Prof K.S.Sai Ram , K.Sai Vivek	Design of Steel Gusset Plates	Vol. 45, No. 5 pp.399-410, Dec.2018-Jan 2019.
	Journal of Solid Mechanics (Scopus Indexed)	Prof. K.S.Sai Ram, K.Prathyusha	Free Vibration of Functionally Graded cylindrical shell panel with and without cutout	Vol. 10, No. 3 pp.672-687, 2018

2017-18	International Journal of Scientific Research	M.L.N. Krishna Sai, D.V.Naresh Kumar,	'A Study on flow properties of hybrid fiber reinforced self-compacting concrete'	Vol. 6, Issue 2, pp.729-731 , ISSN : 22778179
	i-Managers Journal of Structural Engineering	Dr.k.S Sairam	'Stability of web and flange tapered steel cantilever thin-walled beams and beam-columns'	Vol.6, No.2, PP: 20-24, June-August 2017.
2016-17	ELK Asia Pacific Journals -Special Issue	Dr.K.Srinivasu, , J.Usha kranti,	A study on Compressive Strength Properties and Effects of Copper Slag as Partial Replacement of fine aggregate in concrete	pp:4-9, ISBN: 978-81-930411-5-4.
	ELK Asia Pacific Journals -Special Issue	Dr.K.Srinivasu, R.Surendra Babu, J.Usha kranti,	'A study on Matlab Programm for the Analysis of continuous beams by Moment Distribution Method'	pp:16-21, ISBN: 978-81-930411-5-4.
	Journal of Aerospace Sciences of Aeronautical Society of India,	K.S.Sai Ram, B.Swathi, K.P.Manjusha, Dr.K.Srinivasu,	'Blending of Functionally Graded Spherical Shells'	Vol.68,Issue3, pp.181-193, ISSN 0972-950X,
2015-16	International Journal of Engineering Research and Applications (IJERA),	, Mr . M.L.N.Krishna sai	A study on repair materials and mesh bonding technologies used to repair concrete beams failed in flexure'	Vol 5, Issue 5, pp.84 - 87, ISSN: 2248-9622.
	International Journal of Advances in Engineering Science and Technology (IAEST)	N.Tejaswini, K.Ramesh Babu and., K.S.Sai ram	'Functionally graded materials an overview'	Vol 4, Issue 3, pp.183-188, ISSN: 2319-1112.
	International Journal of Engineering Science and Management (IJESM)	M. Rama Rao and ., K. Ramesh Babu and K. Siva Kiran	CBR studies on expansive soil using stabilized rice husk ash cushion'	Vol. 1, Issue 2, pp.54-59 , ISSN : 2454-4140
	International Journal of Engineering Science and Management	M. L. N.Krishna Sai, B. Krishna Chaitanya, R. Vaishnav Kumar	A study on Flow and Strength Properties of Steel Fiber Reinforced Self-Compacting Concrete with varying Fiber Aspect ratio'	Vol. 1, Issue 2, pp.193-199, ISSN: 2454-4140.
2014-15	International Journal of Innovative Research in Science, Engineering and Technology	Dr.Kota Srinivasu, Krishna Sai M.L.N, N.V.Sairam Kumar	A Review on Use of Metakaolin in Cement Mortar and Concrete	Vol. 3, Issue 7, July 2014 PP: 14697-14701.
	International journal of engineering research science and technology,	Venkata Sairam Kumar N, R,Surendra babu,, J. Usha Kranthi	"Shear walls- A Review".	Vol. 3, Issue 2, February 2014, PP:9691-9694
2013-14	International journal of engineering research science and technology	P.Samatha Chowadry ,J.Usha kranti,, P.Ch.Sanjeeva rao	Cost Benefit analysis of an Eco-Friendly Auditorium over a Normal Auditorium"	Vol 2 (8) September 2013, PP.2393-2399]
	International journal of engineering research science and technology	N.V.Sairam Kumar, P.V.S. Maruthi Krishna	Engineering " Utilization of reinforced concrete flexural (shear) walls in Multistoried buildings with effect of lateral loads under flat terrain	Vol 2 (9) September 2013, PP.2467-2474]
	International Journal of Advanced Engineering Research and Sciences	N.V.Sairam Kumar, S.V.Satyanarayana, J.Usha Kranti	Seismic behavior of multi storied buildings	VolI.III/Issue IV/July-Aug 2013/PP 2076-2079.

	International journal of engineering research science and technology	N.V.Sairam Kumar, Krishna Sai M.L.N, S.V.Satyanarayana	Influence of Reinforced concrete shear wall on Multi stories buildings	Vol 2 (8) August 2013, PP.2055-2060]
	International journal of advanced research and studies	Venkata Sairam Kumar N, Dr. B.Pandurangarao, Krishna Sai M.L.N	Experimental study on partial replacement of cement with quarry dust”,	Vol. II, Issue III, April-June 2013 PP:136-137.

No of Publications year wise in conferences

year	International	National	total
2018-19 till now	2	0	2
2017-18	1	0	1
2016-17	4	7	11
2015-16	2	5	7
2014-15	nil		0
2013-14	0	7	7
2012-13	0	1	1
Total	9	20	29

Details of Publications in Conferences

year	Name of the conference	Name of organizing institute	Name of staff members involved	Name of the topic	Page nos, other details	Dates	NO of papers
2018-19 till now	International Conference on Recent Research in Materials and Engineering(ICRRME 2018)	Knewton Institute at Visakhapatnam, Andhra Pradesh, India - 530028	J.Ushakranti, Dr.K.Srinivasu	A Comprehensive Study On Mechanical Properties Of Nominal Grade Concrete Using Copper Slag As Partial Replacement To Fine Aggregate”	. PP:463-468,	27th and 28th March- 2018	1
	International Multidisciplinary Conference on "Knowledge sharing, Technological advancements and sustainable development (IMC2k18)	P. V. P. Siddhartha Institute Of Technology, Kanuru,Vijayawada, Andhra Pradesh,	Ushakranti, Dr.K.Srinivasu	Comparison of The Replacement of natural Sand By Copper Slag on The properties of Concrete (M30 & M40)”		30,31 st March 2018.	2

		Indian Geotechnical Conference 2018 at IISc, Bangalore	D. Neeraj Varma,	Influence of Processing Temperature on Strength and Structural Characteristics of Alkali-Activated Slag Lateritic Soil		13 th – 15 th December, 2018.	
2017-18	International Conference on Emerging Trends in Materials and Manufacturing Engineering,	Department of Metallurgical and Materials Engineering, National Institute of Technology Tiruchirappalli, (NIT, Trichy) in association with Indian Institute of Metals, Trichy Chapter and Indian Welding Society	N,V. Sairam Kumar, Prof. K.S. Sairam	Experimental study on properties of concrete containing crushed rock dust as a partial replacement of cement		10-12 March, 2017	1
2016-17	national Conference on Water, Environment and Society (NCWES	Centre for Water Resources, Institute of Science and Technology ,JNTU, Hyderabad	A.Srinivasa Prasad, M.Leela Krishna,	Optimal Steady-State Reservoir Operating Policy by Stochastic Dynamic Programming	pp: 26-34, ISSN-978-98-5230-124-9.	6-8 June 2016	1
	national Conference on Water, Environment and Society (NCWES-2016)	Centre for Water Resources, Institute of Science and Technology ,JNTU	A.Srinivasa Prasad, M.Leela Krishna, N.V.Uma Mahesh	Optimal Reservoir Operating Policies using Genetic Algorithm'	pp: 18-26, ISSN- 978-98-5230-124-9.	6-8June 2016	2
	national Conference on Water, Environment and Society (NCWES-2016)	Centre for Water Resources, Institute of Science and Technology ,JNTU, Hyderabad	A.Srinivasa Prasad, M.Leela Krishna	Integrated Reservoir Operation and Scheduling	6-8June 2016	pp:288-295,ISSN-978-98-5230-124-9.	3
	national Conference on Water, Environment and Society (NCWES-2016)	Centre for Water Resources, Institute of Science and Technology	P.V.S.Maruthi Krishna,, M.Srikanth Kumar ‘	Kinetics And Equilibrium Studies for the Removal of Heavy Metals In Both Single And Binary Systems Using Hydroxyapatite	6-8June 2016,	pp:348-356,ISSN-978-98-5230-124-9.	4
	International Conference on Advances	SRM University, Chennai	M.Ramarao, P.Samatha Chowdary	Influence of curing period on Cement-stabilized expansive	Pp.834-840, ISSN 978-2-	March 30 - 1 April	5

In Civil Engineering and Sustainable Construction			Soil using Rice Husk Ash and Stone Dust as Additives	35158-161-2.		
International Conference on Advances In Civil Engineering and Sustainable Construction	SRM University, Chennai	Dr.K.Srinivasu, J.Usha kranti	Experimental studies on mechanical properties of concrete with copper slag as partial replacement of fine aggregate'	pp.174-184 ,ISSN 978-2-35158-161-2	March 30 - 1 April 2016	6
International Conference on Smart Cities	Department of Civil Engineering, V.R.Siddhardtha Engineering College, Vijayawada	Dr.K.Srinivasu, J.Usha kranti,	A study on Compressive Strength Properties and Effects of Copper Slag as Partial Replacement of fine aggregate in concrete	pp.34-37, ISBN978-81-930411-7-:8.	25-26 February2016	7
International Conference on Smart Cities	Department of Civil Engineering, V.R.Siddhardtha Engineering College, Vijayawada	Dr.K.Srinivasu , R.Surendra Babu, J.Usha kranti,	A study on Matlab Programm for the Analysis of continuous beams by Moment Distribution Method	pp.93-98, ISBN: 978-81-930411-7-8.	25-26 February 2016	8
National Conference Structural Engineering Convention 2016	CSIR - Structural Engineering Research Centre jointly with Indian Institute of Technology Madras, Anna University under the auspices of Indian Association for Structural Engineering (IASE) & Indian Concrete Institute (ICI)	Dr.K.Srinivasu, J.Usha kranti,	A Study on Properties of Copper Slag as Partial Replacement of Fine Aggregate with different Percentages in Concrete'	pp.710-715	21-23 December,2016	9
National Conference Geotechnology through global standards IGC 2016	IIT Madras	M.Rama Rao, P.Samatha Chowdary	Durability studies on Lime-Stabilzed expansive soils using Rice husk ash and Stone dust as Additive	Pp.98 in souvenir of abstracts of invited and	15-17 December, 2016	10

					accepted papers.		
	National Conference on Water Resources Management in Coastal areas	National Institute of Hydrology, Kakinada	Dr.A.Srinivasa Prasad, K.Leela Krishna,	'Deriving Optimal Rule Curves of Nagarjuna Sagar Reservoir by GA"		8-9 December, 2016	11
2015-16	national conference - NCQACE	SRM University,	K.Srinivasu, M.L.N.Krishna Sai, J.UshaKranthi, K.Sushmita Chowdary,	Design of Earth Quake Resistant Structure by Shear Walls- A Case Study'		19 – 20 March 2015	1
	national conference - NCQACE	SRM University,	Dr. M. RamaRao, P.Samatha Chowdary	'Strength Studies on Cement Stabilized Expansive Soil using Rice Husk Ash as an Additive		19 – 20 March 2015	2
	national conference - NCQACE	SRM University,	V.S.Maruthi Krishna, M.Srikanth Kumar, '	Waste Management Plan for Integrated Housing Development Plan for Slum Development'		19 – 20 March 2015	3
	national conference Indian geotechnical conference	JNTU University Kakinada	M.Rama Rao, P.Samatha Chowdary	Influence of Curing Period on Lime-Stabilized Expansive Soil using Rice Husk Ash and Stone Dust as Additives	PP: 77-79.	17th-19th December 2015.	4
	international conference on Innovations in Structural Engineering	Department of Civil Engineering by Osmania University	Prof. K.S.Sai Ram, T.A.Vijaya Jyothi	Transient response of laminated composite spherical shell cap'	pp.55-59.	14th-16th December	5
	international conference in engineering science and management	organized by TR Publications at AGRA	M. L. N.Krishna Sai, B. Krishna Chaitanya, R. Vaishnav Kumar	A study on Flow and Strength Properties of Steel Fiber Reinforced Self-Compacting Concrete with varying Fiber Aspect ratio	pp.379-384, ISSN :978-81-931974-0-0	8th November	6
	National Conference on water environment and society	Centre for Water Resources JNTU Hyderabad ,	Prof . A.Srinivasa Prasad, K.Leela Krishna	Forecasting Inflow of Srisilam dam using Artificial Neural Networks	pp.568-573, ISSN :978-93-83635-87-0.	30th -31st July,	7
2014-15			Nil				

2013-14	national conference on new trends in Civil Engineering and Earth sciences	Department of Civil Engineering, Vasavi college of engineering ,Hyderabad.	J. Usha Kranti, P. Ch. Sanjeeva Rao	Cost Benefit analysis of an Eco sustainable auditorium	Vol1,PP:14 5-148.	5 th and 6 th February 2013	1
	national conference on new trends in Civil Engineering and Earth sciences	Vasavi college of engineering ,Hyderabad.	P. Samatha Chowdary, Dr. M. Rama Rao	CBR Studies on Expansive soil using stabilized Rice husk ash cushion	Vol. 1, PP: 452-458.	5 th and 6 th February 2013	2
	national conference on new trends in Civil Engineering and Earth sciences	Vasavi college of engineering ,Hyderabad.	P. V. S. Maruthi Krishna, M. Srikanth Kumar	Traffic generated noise pollution-A case study of Guntur city”	Vol. 1, PP: 120-127.	5 th and 6 th February 2013	3
	National seminar con fly ash in geotechnical structures	onducted by IGS, ODHISA at Bhubaneswar	G.Sridevi and PVSM Krishna	“Lime stabilized fly ash mixes in pavements”	PP: 169-175.	8th to 9th November 2013	4
	National seminar con fly ash in geotechnical structures	onducted by IGS, ODHISA at Bhubaneswar	M.RamaRao, P.Samatha Chowdary	Swell-Shrink Behaviour of Expansive Solis” under Lime-Stabilized Fly ash cushions”	.PP:164-168	8th to 9th November 2013	5
	national conference on “recent advances in structural engineering (RASE)	organised by Osmania University, Hyderabad	Dr.K.S.Sai Ram	Strengthening of reinforced concrete members with FRP composites - A state of the art review	PP: 228-232.	12-14 September 2013	6
	national conference on “recent advances in structural engineering (RASE)	organised by Osmania University, Hyderabad	P.Ch.Sanjeeva Rao, J.Usha Kranti	Earth quake Resistant Design of Multistoried building on Plane ground and Sloped ground-A Comparative study	PP:242-246	12-14 September 2013	7
2012-13	National Conference YGeoTech-2012 (1st Young Geotechnical Conference of A.P)	Indian geotechnical society Hyderabad chapter in association with IIIT Hyderabad	P.Samatha Chowdary	Rice husk ash as an expansive soil stabilization material		31 March 2012	1

List of Publications in Journals and conferences

2018-19 till now

Research Paper Publications

K. Leela Krishna, N. V. UmaMahesh& A. Srinivasa Prasad ‘**Optimal multipurpose reservoir operation planning using Genetic Algorithm and Non Linear Programming (GA-NLP) hybrid approach**’, ISH Journal of Hydraulic Engineering, VOL. 24, NO. 2, 258–265. (Taylor and Francis publishers- Scopus Journal).

A research paper on "**Experimental study on properties of concrete containing crushed rock dust as a partial replacement of cement**" written by Mr.N.VenkataSairam Kumar, Prof. K.S.Sai Ram, was published in the Materials today: Proceedings [ELSEVIER], (Scopus Indexed), Vol:5, Issue: 2, Part: 2, pp.7240:7246, April 2018.

A research paper on “**Comparison of The Replacement of natural Sand By Copper Slag on The properties of Concrete (M30 & M40)**” written by Assistant professor, J.Ushakranti, Prof. Dr.K.Srinivasu was published in International Journal for Research in Engineering Application and Management,

Paper Presentations in Conferences

1. Assistant professor, J.Ushakranti, Prof. Dr.K.Srinivasu attended and presented a paper on “**A Comprehensive Study On Mechanical Properties Of Nominal Grade Concrete Using Copper Slag As Partial Replacement To Fine Aggregate**” at International Conference on Recent Research in Materials and Engineering(ICRRME 2018) organized by Knewton Institute at Visakhapatnam, Andhra Pradesh, India - 530028 on 27th and 28th March- 2018.
2. Assistant professor, J.Ushakranti, Prof. Dr.K.Srinivasu attended and presented a paper on “**Comparison of The Replacement of natural Sand By Copper Slag on The properties of Concrete (M30 & M40)**”at International Multidisciplinary Conference on "Knowledge sharing, Technological advancements and sustainable development"(IMC2k18) organized by P. V. P. Siddhartha Institute Of Technology, Kanuru, Vijayawada, Andhra Pradesh, India on 30,31st 2018.

2017-18

Research Paper Publications

1. A research paper on '**A Study on flow properties of hybrid fiber reinforced self-compacting concrete**' written by Asst. Prof., M.L.N. Krishna Sai, D.V.Naresh Kumar, Asst. Prof., Narasaraopeta Engineering College was published in the International Journal of Scientific Research, Vol. 6, Issue 2, pp.729-731 , ISSN : 22778179
2. Dr.k.S Sairam, '**Stability of web and flange tapered steel cantilever thin-walled beams and beam-columns**' i-Managers Journal of Structural Engineering, Vol.6, No.2, PP: 20-24, June-August 2017.

Paper Presentations in Conferences

1. Assistant Prof. N,V. Sairam Kumar, Prof. K.S. Sairam presented a paper on '**Experimental study on properties of concrete containing crushed rock dust as a partial replacement of cement**' at International Conference on Emerging Trends in Materials and Manufacturing Engineering, organized by Department of Metallurgical and Materials Engineering, National Institute of Technology Tiruchirappalli, (NIT, Trichy) in association with Indian Institute of Metals, Trichy Chapter and Indian Welding Society, during 10-12 March, 2017.

2016-17

Research Paper Publications

1. A research paper on **‘A study on Compressive Strength Properties and Effects of Copper Slag as Partial Replacement of fine aggregate in concrete’** written by HoD Dr.K.Srinivasu, Assistant Professor, J.Usha kranti, was published in ELK Asia Pacific Journals -Special Issue,pp:4-9, ISBN: 978-81-930411-5-4.
2. A research paper on **‘A study on Matlab Programm for the Analysis of continuous beams by Moment Distribution Method’** written by HoD Dr.K.Srinivasu, Associate Professor R.Surendra Babu, Assistant Professor, J.Usha kranti, was published in ELK Asia Pacific Journals -Special Issue,pp:16-21, ISBN: 978-81-930411-5-4.
3. A research paper on **‘Blending of Functionally Graded Spherical Shells’** written by Professor K.S.Sai Ram, P.G students, B.Swathi, K.P.Manjusha, Principal Dr.K.Srinivasu, was published in Journal of Aerospace Sciences of Aeronautical Society of India, Vol.68,Issue3, pp.181-193, ISSN 0972-950X, August 2016

Paper Presentations in Conferences

1. Professor, A.Srinivasa Prasad, Assistant Professor, M.Leela Krishna, presented a paper on **‘Optimal Steady-State Reservoir Operating Policy by Stochastic Dynamic Programming’** at a two day national Conference on Water, Environment and Society (NCWES-2016) organized by Centre for Water Resources, Institute of Science and Technology ,JNTU, Hyderabad during 6-8 June 2016, and the same was published with pp:26-34,ISSN-978-98-5230-124-9.
2. Professor, A.Srinivasa Prasad, Assistant Professor, M.Leela Krishna, N.V.Uma Mahesh presented a paper on **‘Optimal Reservoir Operating Policies using Genetic Algorithm’** at a two day national Conference on Water, Environment and Society (NCWES-2016) organized by Centre for Water Resources, Institute of Science and Technology ,JNTU, Hyderabad during 6-8June 2016, and the same was published with pp:18-26,ISSN-978-98-5230-124-9.
3. Professor, A.Srinivasa Prasad, Assistant Professor, M.Leela Krishna, presented a paper on **‘Integrated Reservoir Operation and Scheduling’** at a two day national Conference on Water, Environment and Society (NCWES-2016) organized by Centre for Water Resources, Institute of Science and Technology ,JNTU, Hyderabad during 6-8June 2016, and the same was published with pp:288-295,ISSN-978-98-5230-124-9.
4. Associate Professor, P.S.S.Maruthi Krishna , Assistant Professor, M.Srikanth Kumar presented a paper on **‘Kinetics And Equilibrium Studies for the Removal of Heavy Metals In Both Single And Binary Systems Using Hydroxyapatite’** at a two day

national Conference on Water, Environment and Society (NCWES-2016) organized by Centre for Water Resources, Institute of Science and Technology ,JNTU, Hyderabad during 6-8June 2016, and the same was published with pp:348-356,ISSN-978-98-5230-124-9.

5. Professor, M.Ramarao, Assistant Professor, P.Samatha Chowdary , published a paper on **'Influence of Curing Period on Cement-Stabilized Expansive Soil using Rice Husk Ash and Stone Dust as Additives.'** at a two day International Conference on Advances In Civil Engineering and Sustainable Construction organized by SRM University, Chennai during March 30 - 1 April 2016 with pp.834-840 ,ISSN 978-2-35158-161-2.
6. HoD Dr.K.Srinivasu, Assistant Professor, J.Usha kranti, presented a paper on **'Experimental studies on mechanical properties of concrete with copper slag as partial replacement of fine aggregate'** at a two day International Conference on Advances In Civil Engineering and Sustainable Construction organized by SRM University, Chennai during March 30 - 1 April 2016 and the same was published with pp.174-184 ,ISSN 978-2-35158-161-2 .
7. HoD Dr.K.Srinivasu, Assistant Professor, J.Usha kranti, presented a paper on **'A study on Compressive Strength Properties and Effects of Copper Slag as Partial Replacement of fine aggregate in concrete'** at a two day International Conference on Smart Cities organized by Department of Civil Engineering, V.R.Siddhardtha Engineering College, Vijayawada during 25-26 February 2016 and the same was published with pp.34-37, ISBN: 978-81-930411-7-8.
8. HoD Dr.K.Srinivasu, Associate Professor R.Surendra Babu Assistant Professor, J.Usha kranti, presented a paper on **'A study on Matlab Programm for the Analysis of continuous beams by Moment Distribution Method'** at a two day International Conference on Smart Cities organized by Department of Civil Engineering, V.R.Siddhardtha Engineering College, Vijayawada during 25-26 February 2016 and the same was published with pp.93-98, ISBN: 978-81-930411-7-8.
9. **'A Study on Properties of Copper Slag as Partial Replacement of Fine Aggregate with different Percentages in Concrete'** at Structural Engineering Convention 2016, organized by CSIR - Structural Engineering Research Centre jointly with Indian Institute of Technology Madras, Anna University under the auspices of Indian Association for Structural Engineering (IASE) & Indian Concrete Institute (ICI) during 21-23 December,2016. And the same was published in the proceedings with pp.710-715.
10. Professor M.Rama Rao, P.Samatha Chowdary, Assistant Professor, presented a paper on **'Durability studies on Lime-Stabilized expansive soils using Rice husk ash and Stone dust as Additives' in IGC 2016** (Geotechnology through global standards) organized by IIT Madras during 15-17 December, 2016, and the same was published with pp.98 in

souvenir of abstracts of invited and accepted papers.

11. Professor, Dr.A.Srinivasa Prasad, K.Leela Krishna, Assistant Professor, presented a paper on ‘Deriving Optimal Rule Curves of Nagarjuna Sagar Reservoir by GA’ in National Conference on Water Resources Management in Coastal areas, organized by National Institute of Hydrology, Kakinada during 8-9 December, 2016.

2015-16

Research Paper Publications

1. A research paper on '**A study on repair materials and mesh bonding technologies used to repair concrete beams failed in flexure**' written by Asst Prof, Mr . M.L.N.Krishna sai, was published in the International Journal of Engineering Research and Applications (IJERA), Vol 5, Issue 5, pp.84 - 87, ISSN: 2248-9622.
2. A research paper on '**Functionally graded materials an overview**' written by Asst Prof, N.Tejaswini, K.Ramesh Babu and Prof., K.S.Sai ram , was published in the International Journal of Advances in Engineering Science and Technology (IJAEEST) ,Vol 4, Issue 3, pp.183-188 , ISSN : 2319-1112.
3. A research paper on '**CBR studies on expansive soil using stabilized rice husk ash cushion**' written by Prof, M. Rama Rao and Assistant Prof., K. Ramesh Babu and K. Siva Kiran , was published in the International Journal of Engineering Science and Management (IJESM) ,Vol. 1, Issue 2, pp.54-59 , ISSN : 2454-4140.
4. A research paper on '**A study on Flow and Strength Properties of Steel Fiber Reinforced Self-Compacting Concrete with varying Fiber Aspect ratio**' written by Assistant Prof M. L. N.Krishna Sai, B. Krishna Chaitanya, R. Vaishnav Kumar , was published in the International Journal of Engineering Science and Management (IJESM) ,Vol. 1, Issue 2, pp.193-199 , ISSN : 2454-4140.

Paper Presentations in Conferences

1. K.Srinivasu, Professor and HoD, M.L.N.Krishna Sai, J.UshaKranthi, Assistant Professors and K.Sushmita Chowdary, Assistant Professor presented a paper on '**Design of Earth Quake Resistant Structure by Shear Walls- A Case Study**' at a two day national conference - NCQACE, organized by SRM University, during 19 – 20 March 2015.
2. Dr. M. RamaRao, Professor, P.Samatha Chowdary, Assistant Professor, presented a paper on '**Strength Studies on Cement Stabilized Expansive Soil using Rice Husk Ash as an Additive**' at a two day National Conference- NCQACE, organized by SRM University, during 19-20, March 2015.
3. P.V.S.Maruthi Krishna, Associate Professor, M.Srikanth Kumar Assistant Professor, presented a paper on '**Waste Management Plan for Integrated Housing Development Plan for Slum Development**' at Chowdavaram' at two day National Conference-NCQACE organized by SRM University, during 19 -20, March 2015.
4. Prof M.Rama Rao Assistant Prof P.Samatha Chowdary , Published and presented a paper on "**Influence of Curing Period on Lime-Stabilized Expansive Soil using Rice Husk**

Ash and Stone Dust as Additives" at Indian geotechnical conference organized by Indian Geotechnical society during 17th-19th December 2015.PP:77-79.

5. Prof. K.S.Sai Ram, T.A.Vijaya Jyothi '**Transient response of laminated composite spherical shell cap**' at international conference on Innovations in Structural Engineering organized by Department of Civil Engineering by Osmania University during 14th-16th December,pp.55-59.
6. Assistant Prof M. L. N.Krishna Sai, B. Krishna Chaitanya, R. Vaishnav Kumar Published and presented a paper on '**A study on Flow and Strength Properties of Steel Fiber Reinforced Self-Compacting Concrete with varying Fiber Aspect ratio**' at international conference in engineering science and management "organized by TR Publications on 8th November at AGRA pp.379-384, ISSN :978-81-931974-0-0.
7. Prof . A.Srinivasa Prasad and Assistant Prof. K.Leela Krishna presented and published a paper on '**Forecasting Inflow of Srisilam dam using Artificial Neural Networks** ' at one day National Conference on water environment and society organized by Centre for Water Resources JNTU Hyderabad organized during 30th -31st July, pp.568-573, ISSN :978-93-83635-87-0.

2014-15

Research Paper Publications

1. A research paper on “**A Review on Use of Metakaolin in Cement Mortar and Concrete**” written by Dr.Kota Srinivasu, Professor and HOD civil Engineering Department Krishna Sai M.L.N, Assistant professor Civil Engineering department N.V.Sairam Kumar , Assistant Professor, Civil Engineering department was published in the International Journal of Innovative Research in Science, Engineering and Technology Vol. 3, Issue 7, July 2014 PP:14697-14701.
2. Venkata Sairam Kumar N, Assistant Professor , R,Surendra babu, Associate Professor, J. Usha Kranthi Assistant Professor Civil Engineering Department “**Shear walls- A Review**” International journal of engineering research science and technology, Vol. 3, Issue 2, February 2014, PP:9691-9694.

2013-14

Research Paper Publications

1. **P.Samatha Chowadry** , Assistant Professor, Civil Engineering department, **J.Usha kranti**, Assistant professor Civil Engineering department, **P.Ch.Sanjeeva rao** Professor, Civil Engineering department “ **Cost Benefit analysis of an Eco-Friendly Auditorium over a Normal Auditorium**” ,IJERST[Kumar, 2 (8) September 2013, PP.2393-2399]
2. **N.V.Sairam Kumar** , Assistant Professor, Civil Engineering department **P.V.S. Maruthi Krishna** Associate Professor Civil Engineering “ **Utilization of reinforced concrete flexural (shear) walls in Multistoried buildings with effect of lateral loads under flat terrain**” IJERST[Kumar, 2 (9) September 2013, PP.2467-2474]
3. **N.V.Sairam Kumar** , Assistant Professor, Civil Engineering department , **S.V.Satyanarayana**, Assistant Professor, Civil Engineering department, **J.Usha Kranti**, Assistant Professor, Civil Engineering department “ **Seismic behavior of multi storied buildings**” “IJAERS/ Vol.III/Issue IV/July-Aug 2013/PP 2076-2079.
4. **N.V.Sairam Kumar** , Assistant Professor, Civil Engineering department, **Krishna Sai M.L.N**, Assistant professor Civil Engineering department , **S.V.Satyanarayana** Assistant Professor, Civil Engineering department “ **Influence of Reinforced concrete shear wall on Multi stories buildings**” IJERST[Kumar, 2 (8) August 2013, PP.2055-2060]
5. **Venkata Sairam Kumar N**, Assistant Professor Dr. B.Pandurangarao Professor and Head, Civil Engineering department, V.R.S.E.C **Krishna Sai M.L.N Assistant Professor**” **Experimental study on partial replacement of cement with quarry dust**” International journal of advanced research and studies, Vol. II, Issue III, April-June 2013 PP:136-137.

Paper Presentations in Conferences

1. **J. Usha Kranti**, Assistant Professor, **P. Ch. Sanjeeva Rao**, Professor, ”**Cost Benefit analysis of an Eco sustainable auditorium**” Proceedings of the national conference on new trends in Civil Engineering and Earth sciences organized by department of Civil Engineering, 5th and 6th February 2013, Vasavi college of engineering ,Hyderabad.Vol1,PP:145-148.
2. **P. Samatha Chowdary** , Assistant Professor, **Dr. M. Rama Rao**, Professor, ”**CBR Studies on Expansive soil using stabilized Rice husk ash cushion**” Proceedings of the national conference on new trends in Civil Engineering and Earth sciences organized by department of Civil Engineering, 5th and 6th February 2013,Vasavi college of engineering ,Hyderabad. Vol. 1, PP: 452-458.

3. **P. V. S. Maruthi Krishna** , Associate Professor, **M. Srikanth Kumar**, Assistant Professor, ”**Traffic generated noise pollution-A case study of Guntur city**” Proceedings of the national conference on new trends in Civil Engineering and Earth sciences organized by department of Civil Engineering, 5th and 6th February 2013, Vasavi college of engineering , Hyderabad. Vol. 1, PP: 120-127.
4. **G.Sridevi** and **PVSM Krishna** Associate Published a paper on “**Lime stabilized fly ash mixes in pavements**” in National seminar on fly ash in geotechnical structures conducted by IGS, ODHISA at Bhubaneswar during 8th to 9th November 2013 PP: 169-175.
5. **M.RamaRao** Professor, and **P.Samatha Chowdary** Published a paper on “**Swell-Shrink Behaviour of Expansive Solis**” under Lime-Stabilized Fly ash cushions” in National seminar on fly ash in geotechnical structures conducted by IGS, ODHISA at Bhubaneswar during 8th to 9th November 2013.PP:164-168
6. **Dr.K.S.Sai Ram**, Technical paper on “**Strengthening of reinforced concrete members with FRP composites - A state of the art review**” in national conference on “**recent advances in structural engineering (RASE)**” organised by Osmania University, Hyderabad during 12-14 September 2013 PP: 228-232.
7. **P.Ch.Sanjeeva Rao**, Professor and **J.Usha Kranti** Assistant Technical paper on “**Earth quake Resistant Design of Multistoried building on Plane ground and Sloped ground-A Comparative study** ” in national conference on “**recent advances in structural engineering (RASE)**” organised by Osmania University, Hyderabad during 12-14 September 2013 PP:242-246

2012-13

Paper Presentations in Conferences

1. Mrs. P.Samatha Chowdary presented a paper titled "**Rice husk ash as an expansive soil stabilization material**" in one day workshop YGeoTech-2012 (1st Young Geotechnical Conference of A.P) on 31 March 2012 Organized by Indian geotechnical society Hyderabad chapter in association with IIIT Hyderabad