



ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES:: RAJAMPET
(An Autonomous Institution)

(Approved by A.I.C.T.E, New Delhi & Affiliated to JNTU Anantapur, Ananthapuramu)
(Institute Accredited by NAAC, Bangalore) (Institute Accredited by IE (I), Kolkata)

DEPARTMENT OF CIVIL ENGINEERING



Faculty Profile

Basic Information:

NAME : Dr. TALARI NARESH KUMAR
DESIGNATION : Associate Professor
DEPARTMENT : Civil Engineering
DATE OF BIRTH : 03/11/1983
DATE OF JOINING : 16/03/2015
EMAIL ID : tnk@aitsrajampet.ac.in
EMPLOYEE ID : AITS_01_1041



Academic Profile:

Qualification	Name of the Board/University	YEAR
Ph.D.	Jawaharlal Nehru Technological University, Ananthapuramu	2019
M. Tech. (Structural Engineering)	Jawaharlal Nehru Technological University, Ananthapuramu	2012
B. Tech (Civil Engineering)	Sri Venkateswara University, Tirupati	2008
Diploma Civil Engg.	Govt. Polytechnic, Anantapur	2004

Research Details:

1. Areas of Specialization	:	Structural Engineering
2. No. of Publications	:	57
3. Awards Received	:	02
4. Research Guidance		
	No. of PhD Guided:	01 Submitted, 02 Pursuing
	No. of M.Tech. Guided:	23 Projects
	No. of B.Tech. Guided:	28 Projects (136 Students)
5. Details of Professional Membership:		MISTE, MASET, MICE(I), MIE, IAEng.
6. Subjects Taught	:	1. Design of Reinforced Concrete Structures 2. Bridge Engineering 3. Advanced Steel Structures 4. Advanced Structural Analysis 5. Engineering Mechanics 6. Structural Analysis



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7. Prestresses Concrete
8. Finite Element Analysis
9. Design and Drawing of Irrigation Structures
10. Concrete Technology
11. Material Testing and Evaluation
12. Engineering Estimation, Costing and Valuation
13. Sustainable Construction Methods
14. Surveying
15. Strength of Materials
16. Remote Sensing and GIS
17. Building Planning and Drawing

Publication Details:

Title	Publisher	Published Year
Effect of Rice Husk Ash on Properties of Concrete Using Steel and Polyester Fibres	<i>International journal & magazine of engineering, technology, management and research.</i>	2017
Experimental Investigation of Geopolymer Concrete Using Fly Ash and GGBS	<i>International Journal of Scientific Research in Science and Technology</i>	2017
Evaluate the Mechanical and Durability Properties of Concrete by Using Phosphogypsum and Fly Ash	<i>International journal & magazine of engineering, technology, management and research.</i>	2017.
An Experimental Study on Effect of NANO Silica, Mechanical and Durability Behavior of Concrete by Using OPC and Blended Cement	<i>International journal & magazine of engineering, technology, management and research.</i>	2017
Evaluation of Mechanical Properties of Concrete using Silica fume and Steel fibers	<i>International Journal of Scientific & Engineering Research</i>	2017
Comparative Study on Mechanical and Durability Properties of Concrete Using Fly Ash and Cow Dung Ash	<i>International Journal of Research and Scientific Innovation (IJRSI)</i>	2017
Study on Behaviour of TiO ₂ and GGBS with Respect to Mechanical and Durability Properties of Sustainable Concrete	<i>International Journal of Innovative Research in Science, Engineering and Technology</i>	2017
Experimental Investigation on Mechanical Properties of Self Compacting Concrete by Partial Replacement of Fly Ash and GGBS	<i>International Journal of Advance Engineering and Research Development</i>	2017



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Study on strength and durability properties of self curing concrete incorporating PEG-400	<i>International Journal of Innovative Research in Science, Engineering and Technology</i>	2017
A study on mechanical and durability properties of concrete by partial replacement of natural zeolite in cement	<i>International Journal of Advance Engineering and Research Development</i>	2017
Experimental investigation on hybrid fibre by using silica fume and quartz powder	<i>International Journal for Research in Applied Science & Engineering Technology (IJRASET)</i>	2017
Effect of nano-silica and fly ash on compressive strength of hardened cement mortar	<i>International Journal Of Current Advanced Research(IJCAR)</i>	2017
To Evaluate the Mechanical & Durability Properties of Nano Sugarcane Bagasse Ash in Cement Concrete	<i>International Journal of Scientific Research in Science and Technology</i>	2017
Experimental investigation on strength assessment of copper slag in concrete.	<i>International Journal of Advance Engineering and Research Development</i>	2017
Experimental investigation on durability properties of concrete using hybrid material (nano rice husk ash and nano fly ash) as a partial replacement of OPC	<i>International Journal of Advance Engineering and Research Development</i>	2017
Experimental Analysis of Concrete With The Partial Replacement of Fireclay by Cement And Foundry Sand by Fine Aggregate	<i>International Journal of Advance Engineering and Research Development</i>	2017
Experimental Investigation on Mechanical and Durability Properties of Pervious Concrete	<i>International Journal of Advance Engineering and Research Development</i>	2017
Mechanical and durability properties of concrete by using Pottery powder (PP), Metakaolin (MK), Brick powder (BP),Quarry dust (QD)	<i>International Journal of Advance Engineering and Research Development</i>	2017
Experimental investigation on mechanical properties of Concrete by partial replacement of cement with flyash and kadapa stone powder.	<i>International Journal of Advance Engineering and Research Development</i>	2017
Experimental Analysis on Concrete with Partial Replacement of Cement with Metakaolin and Fine Aggregate with Quartz Sand	<i>International Journal of Advance Engineering and Research Development</i>	2017



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An Experimental Investigation on the Mechanical and Durability Properties of M30 Concrete with Partial Replacement of Coarse Aggregate by Steel Slag and Fine Aggregate by Copper Slag	<i>International Journal for Research in Applied Science & Engineering Technology (IJRASET)</i>	2017
Experimental investigation on Durability Properties of Self Compacting Concrete By Partial Replacement of Fly Ash and GGBS In OPC	<i>International Journal of Creative Research Thoughts (IJCRT)</i>	2017
Experimental Study on Durability Properties of Concrete with Nano Fly ash and Kadapa Stone Powder	<i>International Journal of Scientific Research in Science, Engineering and Technology</i>	2017
A Study on Strength Comparison of Self-curing Concrete with Replacement of Fly Ash	<i>International Journal of Scientific Research in Science and Technology</i>	2017
Behaviour of concrete on mechanical and durability properties by replacing brick powder with cement	<i>Journal of Emerging Technologies and Innovative Research JETIR1809252</i>	2018
An experimental investigation on mechanical properties of concrete by partial replacement of quartz powder and crimped fibers	<i>Journal of Emerging Technologies and Innovative Research JETIR1809206</i>	2018
Behaviour of concrete with granite polishing powder on partial replacement of cement	<i>International Journal of Engineering Science Invention Research & Development</i>	2018
An experimental investigation on the relationship between electrical resistivity and mechanical and durability properties of M30 grade concrete.	<i>International Research Journal of Engineering and Technology</i>	2018
Experimental investigation on Durability properties of Portland Pozzolana cement concrete by using Ceramic waste and quarry dust as Partially replacement of fine aggregate	<i>Journal of Emerging Technologies and Innovative Research JETIR1809385</i>	2018
Experimental investigation on Durability properties of concrete by Using phosphogypsum and flyash	<i>International journal of scientific research and review</i>	2018
An Experimental investigation on the mechanical, fire resistance and Permeability properties of M30 Grade concrete with RTPP fly ash.	<i>International journal of scientific research and review(http://dynamicpublisher.org)</i>	2018
An experimental study on the Behaviour of self compacting Concrete under progressive Compressive loading.	<i>International journal of scientific research and review</i>	2018



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Behaviour of nano silica in cement mortar under tension and shear	<i>Journal of Emerging Technologies and Innovative Research JETIR1809385</i>	2018
Temperature behaviour of nano-silica in cement mortar	<i>International journal of scientific research and review</i>	2019
Nano silica performance in portland pozzolana cement mortar under split tension and shear strength	<i>International Journal of Research</i>	2019
Studies on Mechanical Properties in concrete using polypropylene & G.I Crimped Fibre.	<i>International Journal of Research and Analytical Reviews (IJRAR)</i>	2019
Effect of nanosilica on properties and durability in cement	<i>Materials Today : Proceedings</i>	2019
Assesment and Design of a Steel Frame Structure, Consist Performance of Connection Joints with Tekla & Staad Pro	<i>International Journal of Innovative Technology and Exploring Engineering</i>	2020
Strength and Durability Properties by Replacement of Natural Zeolite and Fly ash in Ordinary Portland Cement	<i>International Journal of Innovative Technology and Exploring Engineering</i>	2020
Measurement of Temperature of the Core of Concrete during Progressive Compressive Loading using Temperature Sensors	<i>International Journal of Innovative Technology and Exploring Engineering</i>	2020
A Comparative Investigation on Alkali Resistant Glass Fibre & Polypropylene Fibre in Bendable Concrete	<i>Pensee International Journal</i>	2021
Experimental Study On Strength Parameters Of Concrete Made Using Partial Replacement Of Sugarcane Bagasse Ash With Cement, Marble Powder With Fine Aggregate And Recycled Aggregates With Coarse Aggregate	<i>Pensee International Journal</i>	2021
Durability Studies of Graphene Oxide Based Cement Mortar	<i>Pensee International Journal</i>	2021
Studies of Concrete with Partial Replacement of Cement by Combination of Seashell Powder, Fly Ash and GGBS	<i>Pensee International Journal</i>	2021



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An Experimental Investigation On Durability Properties Of Concrete By Partial Replacement Of Cement With Different Types Of Slags	<i>Pensee International Journal</i>	2021
A Comparative Investigation On Mechanical Properties Of Different Types Of Slags In Partial Replacement With Cement For M30 Grade Concrete	<i>Pensee International Journal</i>	2021
Effect of graphene oxide on strength properties of cementitious materials: A review	<i>Materials Today: Proceedings</i>	2021
Effect of graphene oxide on fresh, hardened and mechanical properties of cement mortar	<i>Materials Today: Proceedings</i>	2021
“A Rejuvenation Of Spring Channels In Cheyyeru River Construction Of Subsurface Dams”	<i>Gongcheng Kexue Yu Jishu/Advanced Engineering Science</i>	2022
Study of mechanical properties on Hybrid Fibre Reinforced Concrete. (Book chapter)	<i>Modern Approaches in Machine Learning & Cognitive Science: A Walkthrough Studies in Computational Intelligence.</i>	2022
Experimental Investigation on Effect of Magnetic Water on Concrete by Partial Replacement of Cement with Steel Slag and Quartz Powder. (Book chapter)	<i>Modern Approaches in Machine Learning & Cognitive Science: A Walkthrough Studies in Computational Intelligence.</i>	2022

Publication Details: