


FACULTY PROFILE

Name of the Faculty:		Dr CH NAGA SATISH KUMAR				
Designation:		Professor & Dean Academics				
Department:		Civil Engineering				
Date of Birth:		11-08-1976				
AICTE – ID:		1-1501088689				
Education		<ul style="list-style-type: none"> Ph.D. in Civil Engineering awarded in May 2012 from NIT Warangal M.Tech in Structural Engineering with First Class from NIT Warangal , 1998 – 2000. B.E in Civil Engineering with First class with Distinction from Osmania University (Vasavi College of Engineering), Hyderabad, 1994-1998 				
Experience		Teaching: 23 Years	Industry: -Nil	Total: 23 Years		
		Research: - 12 Y	Others: -			
Area of Specialization		Structural Engineering				
Course Work:		Structural Analysis , Solid Mechanics, Advanced Structural Analysis, Stability of Structures, Theory of Elasticity and Plasticity, Finite Element Analysis, Pre stressed Concrete, Bridge Engineering, Concrete Technology, Matrix methods of structural Analysis				
Research contributions						
International/national peer reviewed journals						
S. No.	Title of paper	Journal	Year	Volume	pages	Indexing (SCI/WoS/SCOPUS, Google scholar)
1	Fracture Parameters of High Strength Concrete–Mode II Testing	Magazine of Concrete Research	2010	62	157-167	SCI
2	Size Effect in Torsional Failure of Normal Strength and High Strength Concrete Beams	Journal of Structural Engineering, SERC	2010	37	211-216	scopus
3	Punching shear resistance of concrete slabs using Mode-II fracture energy	Engineering fractures mechanics	2012	83	75-85	SCI
4	Torsional Response of Plain Concrete Members Using Mode- II Fracture energy	Indian Concrete Journal	2013	87(11)	45-52	Scopus

5	An Empirical Formula For Mode-II Fracture Energy of Concrete	KSCE Journal of Civil Engineering	2015	19	689-697	SCIE
6	Effect of Fiber and aggregate size on Mode-I Fracture Parameters of HSC	Advances in Concrete Construction, An International Journal	2017	5	613-624	ESCI
7	Ultra thin white topping concrete mix with sustainable concrete materials- a literature review	International journal of pavement engineering	2019	20	136-142	Scopus
8	Durability Assessment of Concrete with Class-F Fly Ash by Chloride Ion Permeability	International Journal of Recent Technology and Engineering (IJRTE)	2019	8(4)	8831-8836	Scopus
9	A Study On Concrete Mix With Quaternary Blended Sustainable Materials For Ultra -thin White Topping	Jordan Journal of Civil Engineering	2020	14(2)	161-170	ESCI
10	Influence of fly ash on hydration compounds of high-volume fly ash concrete	AIMS Materials Science	2021	8(2)	301-320	Scopus
11	Investigations on mechanical and thermal properties of concrete with different proportions of insulation aggregates	Structural Concrete	2021	22(S1)	720-731	Scopus
12	Analytical Modeling of Ultra-thin white topping cement concrete overlay on bituminous concrete pavement using ANSYS	World Journal of Engineering	2021	20(4)	690-703	Scopus
13	Binary and Ternary blended self compacting concrete proportioned based on the rheological properties-An experimental investigation	NeuroQuantology	2022	20(6)	9755-9766	Scopus
14	Thermal analysis of concrete slabs with Insulating materials using ANSYS	World Journal of Engineering	2022	21(1)	156-169	Scopus
15	A Review on Concrete's Rheological Properties	World Journal of Engineering	2022	21(1)	53-70	Scopus
16	A case study on maintenance of bituminous concrete pavement considering life cycle cost analysis and carbon footprint estimation	International Journal of Construction Management	2022	22(9)	1756-1764	SCI
17	MECHANICAL PROPERTIES OF HIGH STRENGTH SELF COMPACTING CONCRETE BASED ON RHEOLOGICAL MIX PROPORTIONING	Civil and Environmental Engineering	2023	19(1)	260-270	Scopus

18	Enhancing sustainability in concrete: synergistic effects of sugarcane bagasse ash and iron ore tailings as eco-friendly cement and sand replacements	Journal of Building Pathology and Rehabilitation	2023	9		Scopus
19	Effect of iron ore tailings as partial replacement to fine aggregate on the performance of concrete	Innovative Infrastructure Solutions	2024	9		Scopus

Books published: Nil

Book chapters Published : Nil

No of Patents (Filed & Granted) :- -Nil

Details of Conferences

No.of international Conference Papers: 13

Details of project proposals submitted/sanctioned/completed

S.No.	Title of the Project	Funding body	Submitted/ Sanctioned/ Completed	Amount	Year/ duration
1	Fracture parameters of SFRC	AICTE-RPS	Completed	Rs 21.8Lakhs	2013-2016

Student Project/research guidance

S.No	Level	Total number	
1	UG	Completed: 36	Ongoing: 2
2	PG	Completed: 30	Ongoing:-
3	PhD	Completed: 3	Ongoing: 4

Administrative experience

S.No.	Role	Duration (From – to)
1	Head of the Department	June 2010- July 2023
2	Dean Academics	July 2023- Till Date

Research credentials

Index/database	ID/Link
Google Scholar	https://scholar.google.com.tw/citations?hl=en&user=MgSS9ScAAAAJ
SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=36514996300
Web of Science	https://www.webofscience.com/wos/author/record/C-9667-2019
Vidwan ID	323898

Any other relevant information

Ch.Naga Satish Kumar
(Name)