

FACULTY PROFILE

Name of the Faculty:		Dr. T. Chandra Sekhar Rao		
Designation:		Professor & Head of the Department		
Department:		Department of Civil Engineering		
Date of Birth:		22-01-1967		
AICTE – ID:		1-2949456688		
Education		• B.Tech in Civil Engineering from RVR & JC College of Engineering -Guntur, affiliated to Acharya Nagarjuna University in 1989 • M.Tech in Structural Engineering Specialization from Jawaharlal Nehru Technological University Hyderabad, Kukatpally, Hyderabad in 2004. • Ph.D. in Civil Engineering, with specialization in Structural Engineering / Civil Engineering, Jawaharlal Nehru Technological University Hyderabad, Kukatpally, Hyderabad in 2009		
Experience		Teaching: 35 years	Industry: Nil	Total: 35 Years
		Research: 26 years	Administration: 20 years	
Research Specialization		Fiber Reinforced Concrete, Ultra High-Performance Concrete, Geopolymer Concrete, Lightweight Concrete, Roller-Compacted Concrete, Self Compacting Concrete, Ferrocement		
Courses taught	1. Solid Mechanics, Mechanics of Materials, Surveying I & II 2. Structural Analysis-I, II and Advanced Structural Analysis 3. Design of reinforced concrete structures, Prestressed concrete, Bridge Engineering 4. Finite Element Method, Theory Elasticity & Plasticity, Stability of Structures, Earthquake-Resistant Design of Structures.			

Research Contributions							
International/National peer-reviewed Journals							
S. No.	Title of paper	Journal	DOI/Website	Year	Vol	Pp	Indexing / Database / Quartile: SCI/ WoS/ Google Scholar
1	Innovative Recycled Aggregate Geopolymer Concrete for Smart and Resilient Infrastructure	Sustainable Innovative Materials and Emerging Technologies: Proceedings of NHCE 2025	Accepted Under Publication	2026			Springer
2	Effect of Lightweight Aggregates and Industrial By-Products on the Mechanical Properties of Geopolymer Concrete Under Different Curing Regimes	Sustainable Innovative Materials and Emerging Technologies: Proceedings of NHCE 2025	Accepted Under Publication	2026			Springer
3	Hybrid Fiber-Reinforced Beam-Column Joints: Cyclic Performance & Analysis	<i>Advances in Science, Technology & Innovation (ASTI)</i>	Accepted Under Publication	2025-26	-	-	Scopus-indexed
4	Enhancing ferrocement performance: Plastic analysis for bending strength prediction	Matéria (Rio de Janeiro), Brazil	https://doi.org/10.1590/1517-7076-RMAT-2025-0848	2026	31	169-181	WoS –Q3
5	Performance Evaluation of Geopolymer Concrete for Railway Superstructure Applications	<i>Transportation Research Procedia</i> 90 (2025) 115–122	https://doi.org/10.1016/j.trpro.2025.06.040	2025	90	115-122	Wos-Q2

6	Performance Evaluation and Development of Sustainable Pavement Surfaces Using Ultra-Thin Geopolymer Concrete Overlays	<i>Nigerian Journal of Technological Development</i>	https://doi.org/10.63746/njtd.v22i3.3257	2025	22	01-11	Scopus	
7	Enhancing Mechanical Properties of High Strength Concrete with Nanomaterials, Copper Slag, and Steel Fibers: Experimental Study and Predictive Modeling	<i>Journal of Materials and Engineering Structures</i>	https://revue.ummto.dz/index.php/JMES/article/view/3891	2025	12	499-512	WOS	
8	Experimental and Analytical study on moment-curvature (M- Φ) response for graded fiber reinforced SCC beams	Journal of Engineering and Technology Management	https://jet-m.com/wp-content/uploads/20-JETM9439.pdf	2025	78	254-271	Scopus	
9	Simulation Analysis of FRP-Strengthened RC slab using ODLN-SSO Approach	<i>Journal of Harbin Engineering University</i>	https://harbinengineeringjournal.com/index.php/journal/article/view/2515/1643	2024	45	139-142	Scopus	
10	Strength Characteristics and Impact Resistance of Fiber-Reinforced Geopolymer Concrete Elements	<i>Lecture Notes in Civil Engineering</i>	https://doi.org/10.1007/978-981-99-7464-1_37	2024	440	495-503	Scopus	
11	Life cycle cost analysis of ultra-thin white topping of geopolymer concrete overlay on bituminous	ARPJN Journal of Engineering and Applied Sciences	https://www.arpnjournals.org/jeas/research_papers/rp_2024/jeas_1024_9517.pdf	2024	19	1272-1278	Scopus	

12	A Study on Hybrid Fiber Reinforced Geopolymer Concrete Short Columns Under Uniaxial Compression	<i>Eur. Chem. Bull</i>	https://doi.org/10.21203/rs.3.rs-2703046/v1	2023	12	2525-2541	Scopus	
13	A Compressive Strength Model for Proportioning Self-Compacting Concrete	<i>Journal of Harbin Engineering University</i>	https://harbinengineeringjournal.com/index.php/journal/article/view/955-	2023	44	744-752	Scopus	
14	Shear strength of ternary blended ferrocement plates reinforced with welded wire mesh	<i>The Indian Concrete Journal (ICJ)</i>	https://eurekamag.com/research/093/587/093587241.php?srsltid=AfmBOorEBqssbXNAGlZVSMvLVVlj_hdKXQrqOf_oqe2oF9sop9k2jY7B	2022	98	18-25	Scopus	
15	RCC slab strengthening embellishment in nonlinear analysis by retrenchment and manifestation of frustration and cracks	<i>Asian Journal of Civil Engineering</i>	https://doi.org/10.1007/s42107-022-00458-4	2022	23	841-854	SCI	
16	Investigating the performance of self-compacting concrete pavement containing GGBS	<i>Materials Today: Proceedings</i>	https://doi.org/10.1016/j.matpr.2021.08.160	2022	49	2013-2018	Scopus	
17	Strength characteristics of fiber reinforced geopolymer concrete for rigid pavement applications.	<i>Technium Romanian Journal of Applied Sciences and Technology</i>	https://media.neliti.com/media/publications/354174-strength-characteristics-of-fiber-reinfor-9aed2417.pdf	2021	3	01-11	Google scholar	

18	Shear strength of graded steel fiber reinforced self-compacting concrete	<i>Journal of Hunan University (Natural Sciences)</i>	http://jonuns.com/index.php/journal/issue/view/81	2021	48	1873-1885	Scopus	
18	Dominance of material composition on mechanical properties of normal and high strength grade binary blended geopolymers concrete	<i>Romanian Journal of Applied Sciences and Technology</i>	https://doi.org/10.47577/technium.v2i3.392	2020	2	128-133	Central & Eastern European Academic Source - CEEAS (EBSCO)	
20	Properties of Self-Compacting Concrete Containing Mineral Admixtures	<i>IOSR Journal of Mechanical and Civil Engineering</i>	https://www.iosrjournals.org/iosr-jmce/papers/NCACME%202020/Volume%20-2/6,%2042-48.pdf	2020	83	42-48	Google Scholar	
21	High Strength Superplasticizer Ternary Blended Mortar for Ferrocement Elements	<i>Solid State Technology,</i>	https://solidstatetechnology.us/index.php/JSST/article/view/258	2020	63	128-136	Scopus	
22	Strength Characteristics of Binary Blended Geopolymer Concrete	<i>Solid State Technology</i>	https://solidstatetechnology.us/index.php/JSST/article/view/5490	2020	63	4825-4830	Scopus	
23	A Review Report on Utilization of Geopolymer Concrete for Pavement Applications	<i>Solid State Technology</i>	https://solidstatetechnology.us/index.php/JSST/article/view/5354	2020	63	4468-4473	Scopus	
24	Experimental investigations on tensile strength behavior and microstructure of ultra-high performance fiber-reinforced concrete.	<i>SN Applied Sciences © Springer Nature Switzerland</i>	https://doi.org/10.1007/s42452-019-0186-0	2019	1	01-11	ESCI	

25	Experimental Work on structural Elements of Concrete by the Replacement of Copper Slag with Fine Aggregate	<i>International Journal of Recent Technology and Engineering</i>	https://www.ijrte.org/wp-content/uploads/papers/v7i6/F2771037619.pdf	2019	7	1951-1955	Scopus	
26	Mix Design and Flexural Response of Ultra High-Performance Fiber Reinforced Concrete (UHPFRC).	<i>Materials today, Science Direct (Elsevier)</i>	https://doi.org/10.1016/j.matpr.2018.10.347	2018	5	25420-25429	Wos	
27	An Experimental Study on Mechanical properties of Light weight aggregate concrete.	<i>International Journal of Civil Engineering and Technology (IJCIET).</i>	http://iaeme.com/Home/issue/IJCIET?Volume=9&Issue=4	2018	9	1539-1547	Scopus	
28	Influence of Alkali Concentration on Strength Characteristic of GGBS Based Geopolymer Mortar	<i>American Journal of Engineering Research.</i>	https://www.researchgate.net/publication/325147158_Influence_of_Alkali_Concentration_on_Strength_Characteristic_of_GGBC_Based_Copolymer_Mortar	2018	7	09-Dec	Google scholar	
29	Prediction of setting and strength characteristic of Binary Blended Geopolymer Matrix	<i>Journal of Structural Engineering</i>	https://doi.org/10.26634/jste.64.13911	2018	6	16-22	Google scholar	
30	Vibration Impact on Fresh Concrete of Conventional and UHPFRC	<i>International Journal of Applied Engineering Research</i>	https://www.ripublication.com/ijaer17/ijaerv12n8_29.pdf	2017	12	1683-1690	Scopus	
31	Flexural strength development based on packing density and steel fiber of UHPFRC	<i>International Journal of Civil Engineering and Technology,</i>	http://iaeme.com/Home/issue/IJCIET?Volume=8&Issue=6	2017	8	271-282	Scopus	
32	Experimental Investigation of UHPFRC Cube and Cylinder	<i>Open Journal of Civil Engineering</i>	https://doi.org/10.4236/ojce.2017.72018	2017	7	282-296	Wos	

	Compression Test at Elevated Temperature.							
33	UHPFRC A Novel Combination Material for Blast Resistant Structures.	International Review of Civil Engineering (I.R.E.C.E), Praiseworthy- Italy,	https://doi.org/10.15866/irece.v8i6.12463	2017	8	01-09	Scopus(Q2)	
34	Seismic Response of RC Framed Structures Having Plan and Vertical Irregularities with and Without Masonry Infill Action	<i>International Research Journal of Engineering and Technology</i>	https://www.academia.edu/34804414/Seismic_Response_of_RC_Framed_Structures_Having_Plan_and_Vertical_Irregularities_with_and_Without_Masonry_Infill_Action	2016	3	500-513	Google Scholar	
35	UHPFRC development material property characterization and structural applications	<i>International Journal of Research in Engineering and Technology</i>	https://ijret.org/volumes/2016v05/i02/IJRET20160502036.pdf	2016	5	213-216	Google Scholar	
36	Evaluation of Dynamic Elastic Modulus of Roller Compacted Concrete Containing GGBS and M-Sand	<i>i-manager's Journal on Civil Engineering</i>	https://doi.org/10.26634/jce.6.1.3747	2016	6	21-34	Google Scholar	
37	A Study on Flexural Behavior of Two-Way Bending on GPC Slab under Simply Supported Edge Conditions.	<i>i-manager's Journal on Structural Engineering</i>	https://doi.org/10.26634/jste.5.1.6052	2016	5	11-19	Google Scholar	
38	Abrasion resistance and mechanical properties of Roller Compacted Concrete with GGBS.	Construction and Building Materials, Elsevier	https://doi.org/10.1016/j.conbuildmat.2016.04.004	2016	114	925-933	SCI(Q1)	
39	Experimental studies in Ultrasonic Pulse Velocity of roller compacted concrete	International Journal of Pavement Research and Technology	https://doi.org/10.1016/j.ijprt.2016.08.003	2016	9	289-301	SCI	

	pavement containing fly ash and M-sand							
40	Experimental studies in ultrasonic pulse velocity of roller compacted concrete containing GGBS and M-sand	<i>ARPJ Journal of Engineering and Applied Sciences</i>	https://www.arpnjournals.org/jeas/research_papers/rp_2016/jeas_0216_3524.pdf	2016	11	1482-1493	Scopus	
41	Relation between Cantabro Loss and Surface Abrasion Resistance of Fly Ash Roller Compacted Concrete (FRCC).	<i>In Advanced Engineering Forum, Switzerland.</i>	https://doi.org/10.4028/www.scientific.net/AEF.16.52	2016	16	52-68	SCI	
42	Investigating the effect of M-sand on abrasion resistance of Roller Compacted Concrete containing GGBS	<i>Construction and Building Materials ,Elsevier</i>	https://doi.org/10.1016/j.conbuildmat.2016.06.054	2016	122	191-201	SCIE	
43	Investigating the effect of M-sand on abrasion resistance of Fly Ash Roller Compacted Concrete (FRCC).	<i>Construction and Building Materials ,Elsevier</i>	https://doi.org/10.1016/j.conbuildmat.2016.05.017	2016	118	352-363	SCIE	
44	Use of composite mixture of M-sand and Fly ash as a subgrade material	<i>Journal Mechanical and civil engineering(IOSR)</i>	10.9790/1684-1306013942	2016	13	39-42	Google Scholar	
45	Strength and Compaction Characteristics of Fly Ash Roller Compacted Concrete.	<i>International Journal of Scientific Research in Knowledge (Malaysian Journal)</i>	https://doi.org/10.12983/ijsrk-2015-p0260-0269	2015	3	260-269	Google Scholar	
46	A possible outlet for used waste tyre rubber-based concrete	<i>Journal of Engineering & Technology</i>	https://www.cosmosjournal.in/wp-content/uploads/2020/10/CET-415.pdf	2014	4	15-19	Google Scholar	

47	Evaluation of Properties of RCC Pavement.	<i>International Journal of Education and Applied Research</i>	https://scispace.com/pdf/evaluation-of-properties-of-roller-compacted-concrete-4vpvos47e6.pdf	2014	4	88-90	Google Scholar	
48	Flexure Behaviour of Thin Webbed Ferrocement Channel Sections.	<i>International Journal of Applied Engineering Research</i>	https://www.ripublication.com/Volume/ijaerv7n7.htm	2012	7	707-716	Scopus	
49	Prediction Of Bending Strength of Ferrocement Plate Elements: Plastic Analysis Approach.	<i>International Journal of Earth Sciences and Engineering.</i>	https://www.researchgate.net/publication/288300368_Prediction_of_bending_strength_of_ferrocement_plate_elements_A_plastic_analysis_approach	2012	5	1345-1351	Scopus	
50	An experimental study on ferrocement box-beams under flexural loading	<i>International Journal of Emerging Technology and Advanced Engineering</i>	https://ijetae.com/Volume2Issue9.html	2012	9	138-144	Scopus	
51	Investigation on voided ferrocement channel beams in shear.	<i>Journal of Institute of Engineers</i>	https://www.researchgate.net/publication/290030508_Investigation_on_voided_ferrocement_channel_beams_in_shear	2009	90	38-44	Springer-Scopus	
52	An experimental study on ferrocement channel units under flexural loading	<i>International Journal of Mechanics and Solids</i>	https://indianjournals.com/article/ijms1-3-2-007	2008	3	195-203	Google Scholar	
53	An Appraisal of The Shear Resistance of Ferrocement Elements.	<i>Asian Journal of Civil Engineering</i>	https://www.researchgate.net/publication/242129128_An_appraisal_of_the_shear_resistance_of_ferrocement_elements	2006	7	591-602	Scopus	

54	Deflection evaluation of Solid and Cored ferrocement plates in bending	International Journal of Mechanics Structural		2012	3	87-96	Google scholar
Books published							
S. No.	Title of the book			Publisher		year	
1	NIL			NIL		-----	
Conferences/Book Chapters Published							
S,No	TITLE	Book/Conference Title	Publisher	Website link		Year	
1	Hybrid Fiber-Reinforced Beam-Column Joints: Cyclic Performance & Analysis	Environmental Design, Material Science, and Engineering Technologies (EDMSET) - 2nd Edition, Dubai-UAE	22–24 April (Scopus)	https://www.ierek.com/events/environmental-design-material-science-and-engineering-technologies-edmset-2nd-edition#overview		2024-25	
2	Hybrid discarded tyre rubber and recycled Steel Fibers composites for enhanced strength and vibration damping for cement concrete Railway Sleepers	8th Edition of International Conference on Materials Science and Engineering, Rome, Italy	March 10-12, Scopus	https://magnusconferences.com/materials-science/program/scientific-program/2025/hybrid-discarded-tyre-rubber-and-recycled-steel-fibers-composites-for-enhanced-strength-and-vibration-damping-for-cement-concrete-railway-sleepers		2024-25	
3	Basalt Fiber Reinforced Self Compacting Concrete: Effects of Multi-Admixture Systems on Stress-Strain Behaviour and Structural Performance	SEC-2026	IIT-Hyderabad	Accepted		2026	
4	Modeling Nonlinear Behaviour of Fiber Reinforced SCC Using Artificial Neural Networks	SEC-2026	IIT-Hyderabad	Accepted		2026	

	for Enhanced Performance Prediction				
5	Sustainable Ductile Lightweight Rubberized Concrete with Tyre Waste and LECA: Mechanical, Thermal and Cyclic Behaviour	SEC-2026	IIT-Hyderabad	Accepted	2026
6	Analytical Investigation on Self-Compacted Short Paneled Concrete Pavement Slabs Using Finite Element Modeling (FEM)	Proceedings of Second International Conference on Modern Trends in Engineering, Science, Management, And Technology (MESMT 2026)	21-22 March	https://www.xird.in/services/mesmt-2026	2026
7	Chemistry-Enabled Quantitative Environmental Impact Assessment: Advancing Sustainable Infrastructure Design and Societal Resilience in Civil Engineering	A Three-day International Conference on "Bio Digital Alchemy: Global Innovations in AI-Quantum Enabled Transformation of Next-Generation Smart Materials and Life Sciences, (BAGAQML-2026),	Bapatla Engineering College, Bapatla (23-25 March,2026)	https://www.researchgate.net/publication/403772623_Conference_proceeding_of_a_3_DAY_INTERNATIONAL_CONFERENCE_on_BioDigital_Alchemy_Global_Innovations_in_AIQuantum_Enabled_Transformation_of_NextGeneration_smart_Materials_and_Life_sciences_BAGAQML-20	2026
8	Effect of Lightweight Aggregates and Industrial By-Products on the Mechanical Properties of Geopolymer Concrete Under Different Curing Regimes	New Horizons in Civil Engineering – Sustainable Innovative Materials and Emerging Technologies (NHCE-SIMET 2025) – MIT-Manipal	30-31 October, Scopus	Conference Book https://conference.manipal.edu/NHCE/Home	2025
9	Composite Action and Flexural Performance of CFST Beams with Diverse Geometries: Experimental,	8th International Conference on Recent Advances in Composite Materials (ICRACM-2025) IIT-BHU-Varanasi	2-4 th December, Scopus	Conference Book https://conferences.iitbhu.ac.in/ICRACM/	2025

	Numerical, and Codal Evaluation				
10	Resilient Spillway Design with Hybrid Fiber-Reinforced Ternary Concrete: A High-Performance Solution for Dam Infrastructure	8th International Conference on Recent Advances in Composite Materials (ICRACM-2025) IIT-BHU-Varanasi	2-4 th December, Scopus	Conference Book https://conferences.iitbhu.ac.in/ICRACM/	2025
11	Innovative Recycled Aggregate Geopolymer Concrete for Smart and Resilient Infrastructure	New Horizons in Civil Engineering – Sustainable Innovative Materials and Emerging Technologies (NHCE-SIMET 2025) – MIT-Manipal	30-31 October, Scopus	Conference Book https://conference.manipal.edu/NHCE/Home	2025
12	Effect of Waste Plastic Fiber on Compaction and Strength Characteristics of Clayey Soil Admixed with Rice Husk Ash	Recent Trends in Engineering, Science and Technology" (RTEST-2025), Xavier Institute of Research and development-	25-10-2025 (Best paper)	Conference Book	2025
13	Strength Characteristics and Impact Resistance of Fiber Reinforced Geopolymer Concrete Elements	International Conference on Cement and Building Concrete for a sustainable and Resilient infrastructure, NITW, CBKR 2023-Warangal	Lecture Notes in Civil Engineering book series (LNCE, volume 440), published Springer-Scopus	https://doi.org/10.1007/978-981-99-7464-1_37	2023
14	Investigating the effect of discarded tyre rubber as coarse aggregates on the mechanical and thermal properties of concrete	4th International Conference on Waste Management, Indian Institute of Technology Guwahati (IITG)	Advancement in Solid Waste Management and Treatment, Springer Nature, Scopus	https://link.springer.com/book/10.1007/978-3-031-64873-1	2023

	AN EXPERIMENTAL STUDY OF THE INFLUENCE OF NANOMATERIALS ON THE STRENGTH CHARACTERISTICS OF M60 GRADE CONCRETE	4th International Conference on Waste Management, Indian Institute of Technology Guwahati (IITG)	Advancement in Solid Waste Management and Treatment, Springer Nature, Scopus	https://link.springer.com/book/10.1007/978-3-031-64873-1	2023
15	Investigating the performance of self-compacting concrete pavement containing GGBS,	GC-RASM 2021	Materials Today, Science Direct, Proceedings, WOS	https://doi.org/10.1016/j.matpr.2021.08.160	2022
16	Pervious Concrete: An Overview and Experimental Study	Innovative 2nd Sustainable Technologies in Civil Engineering 2021-BEC, Bapatla (Intl Conference)	IOP Conf, Series: Earth and Environmental Science, Scopus indexed	https://iopscience.iop.org/article/10.1088/1755-1315/982/1/012020	2022
17	Evaluation of Axial Load Carrying Capacity of CFST Columns for Geometrical Cross-Sections	Advances in Construction Materials and Management-NITW	Lecture Notes in Civil Engineering book series (LNCE, volume 346) Springer-Scopus	https://doi.org/10.1007/978-981-99-2552-0_20	2022
18	Effect of lateral confinement on short columns under uni-axial compression	International conference on smart sustainable materials and technologies: ICSSMT-2020	AIP Conf, Proc, 2297, 020015 (2020) Scopus indexed	https://doi.org/10.1063/5.0032063	2020
19	Strength and behavior of hybrid fiber reinforced geo-polymer concrete columns under uni-axial compression	National conference on advances in sustainable construction materials (ASCM), NIT Warangal	15-16 March, Scopus	https://doi.org/10.1007/978-981-15-3361-7_1	2019
20	An experimental study on durability properties of	National conference on advances in sustainable construction	15-16 March, Scopus	https://www.semanticscholar.org/paper/An-Experimental-Study-on-Durability-Properties-	2019

	normal grade concrete containing Copper slag as a fine aggregate	materials (ASCM), NIT Warangal		of-a-Jujiuri-Srinivasu/5d0665c1243fe46dc8769503603412f64588b0d8	
21	Mix design and flexural response of Ultra High-Performance fiber reinforced concrete	International Conference on Civil Engineering and material Science, ICCEMS, Seoul, Korea	26-28 May, Scopus	https://doi.org/10.1016/j.matpr.2018.10.347	2017
22	Fresh and Hardened Properties of Self-Compacting Concrete Containing Different Mineral Admixtures	AICTE Sponsored International Conference on Smart Sustainable Cities (ICSSC 2017), Velagapudi Ramakrishna Siddhartha Engineering College and APCRDA, Vijayawada	28-29 December	Conference Book http://www.wikicfp.com/cfp/servlet/event.showcfp?eventid=66954	2017
23	Study of High strength fiber reinforced concrete beams under flexure	International Conference on Innovations in Structural Engineering (ICISE 2017), Osmania University	26-27 December, Scopus	https://ijetae.com/Conference_IC-ISE-2017.html	2017
24	Investigation on pozzolanic effect of GGBS in roller compacted concrete with M-sand as fine aggregate	International conference Advances in Civil Engineering and Sustainable Construction (ACESC) 2016, Chennai, India	30 March – 1 April	https://www.rilem.net/publication/publication/479	2016
25	Short Paneled Concrete Pavements	National conference, NCS2MCE2016, CBIT College, Hyderabad	December	Conference Book	2016
26	Effect of spacing of beams on behaviour of Grid Floors- A theoretical study	National conference, NCS2MCE2016, CBIT College, Hyderabad	December	Conference Book	2016
27	Study of Confined Reinforced Concrete Beams under Flexural Loading	International conference on Smart Sustainable Cities (ICSSC-2016), VR Siddhartha Engineering College, Vijayawada	February	Conference Book https://www.vrsiddhartha.ac.in/ce/wp-content/uploads/2020/06/Vol6Issue3March2016.pdf	2016

28	Effect Of M-Sand and GGBS Strength And Compaction Characteristics of Roller Compacted Concrete Pavement	International conference IC-ISE-15, Osmania University, Hyderabad	December 14 -15	https://ijret.org/volumes/2015v04/i25/IJRET20150425052.pdf	2015
29	Roller compacted concrete pavements for rural roads in India	International conference ICETCE-14, VNR VJET, Hyderabad	January 6-8	Conference Book	2014
30	Evaluation of RCC Pavement	National Conference, C R Reddy College, Eluru	Feb-08	Conference Book	2014
31	Analysis of Trough Shaped FC Roofing Elements	National conference HMRS-2013, KITS-Warangal	December 27-28	Conference Book	2013
32	Study on Re Use of Waste Material in Hollow Blocks	National conference HMRS-2013, KITS-Warangal	December 27-28, Scopus	Conference Book	2013
33	Mix Design Of Roller Compacted Concrete:An Experimental Study using Crushed Stone and River Sand as Fine Aggregate	SCMAT, NIT-Warangal	March 15–16	Conference Book	2013
34	An Experimental Study on Ferro Cement Box-beams under Flexural Loading	International conference SCACT-12, PSG, College of engineering, Coimbatore	January 6 -8	Conference Book	2012
35	Flexural Behavior of Concrete Beams Reinforced with Steel and Wire Meshes	National conference TCETCG-10, KSRM College of Engineering, KADAPA	September 3-4	Conference Book	2010
36	Shear Strength on Ferro Cement Channels Beams	National conference AC3m-09, CBIT Hyderabad	January 21-22	Conference Book	2009
37	Deflection Evaluation of Solid Ferrocement Channel Beams	National conference DIMARS-09, Annamalai University,	March 19-20	Conference Book	2009
38	An Experimental Study on	International conference ISTAM-	2-4 May,	Conference Book	2008

	Compound Ferro Cement Channel Sections Under Flexural Loading	08, IIT- Kharagpur; organized by UCE, OU-Hyderabad			
39	Behavior and strength of cored ferro cement rectangular elements in shear	International Conference ICACC-08, Vasavi College of Engineering, Hyderabad	7 -9 February	Conference Book	2008
40	Deflection Evaluation Of Cored Ferrocement Plates In Bending	National conference NCUID-08, MVSR Engineering College, Hyderabad	December 18-19	Conference Book	2008
41	Study On Effect Of Mortar Strength On The Ultimate Strength Of Ferrocement Elements In Flexure	National conference on Emerging Technologies In Civil Engineering For Sustainable Development, SRKREC, Bhimavaram	December 27-29	Conference Book	2007
42	Repair and Rehabilitation of Concrete Structures	TECHNOFEST-07, KLCE-Vijayawada	January 5-6	Conference Book	2007
43	Shear Behavior of Voided Ferrocement Rectangular Beams	National conference RASE-07, JNTUCE - Ananthapuram,	March	Conference Book	2007
44	An Experimental Study on Ferrocements Channel Beams In Bending	National conference MAST-07, NIT-Warangal	December 14-15	Conference Book	2007
45	Behavior of cored ferrocement rectangular elements under flexure	National conference MAST-07, NIT-Warangal	December 14-15	Conference Book	2007
46	Moment Of Resistance of Ferrocement Elements by Plastic Analysis Approach	National conference RACE-06, JNTUCE, Kakinada	February 11-12	Conference Book	2006
47	A study on the effect of mortar strength on the shear resistance of ferro cement elements	International Conference on Structural Engineering Convection, IISc- Bangalore	14 -16 December	Conference Book	2005

48	Study on shear strength behavior of ferrocement elements	National conference on Advances in Materials and Mechanics of concrete structures, IITM-Chennai	August 12-13	Conference Book	2005
49	An appraisal strength enhancement in concrete cylinders confined with ferrocement jacketing	National conference on Advances in Materials and Mechanics of concrete structures, IITM-Chennai	August 12-13	Conference Book	2005
50	Study On Shear Strength Behavior of Ferrocement Elements with Low Grade Mortar Matrix	National conference on Sustaining Technology for Advancements In Civil Engineering, SRKREC, Bhimavaram	November 24-26	Conference Book	2005
51	Study On Properties and Strength Variation of Different Recycled Aggregate Concrete,	National conference on Sustaining Technology for Advancements In Civil Engineering, SRKREC, Bhimavaram	November 24-26	Conference Book	2005
52	Mechanical characteristics of steel fiber reinforced concrete	National conference, MAST-2004, NIT Warangal	January 23-24	Conference Book	2004
53	A study on strength characteristics of stabilized soil blocks	National conference on Innovation in construction Engineering practice, Annamalai University	January 24-25	Conference Book	1996

Details of Patents (Filed & Granted)

S. No.	Applications number	Title of the patent	Date of filing/publishing	Published/granted
1	2021104161	A method and system for studying the behavior and strength of geopolymer concrete	Country: Australia; Authority: IP Australia; Status: Granted; Date: 13 April 2022.	Granted
	2023/03204	Method to assess the torsional response against the	Date: 28/06/2023	Granted

2		strength and behaviour of geopolymer concrete	Country: South Africa.	
3	202341026280	A compact 4element U-shaped MIMO antenna with slotted ground for 5GmmWave wireless communications, (Collaborative with ECE)	05-05-2023 Indian patent	Published
4	202341026276	A Novel dual band-4element-MIMO antenna for 5G mm Wave N 257/N258 and N262 band applications, Collaborative interdisciplinary patent with ECE Department.)	05-05-2023 Indian patent	Published
5	202241037005	Pile supported Multi-layered Porous Media	22/07/2022 Indian patent	Published
6	202241037698	Stratified Wave Reflector	08/07/2022 Indian patent	Published

Details of Conferences/FDPs/STTPs/Webinars/Workshops Organized

S,No,	Name of the event	Role	Dates
1	5-Day-FDP on “Emerging AI Technologies and their Applications in Civil Engineering”.	Chairman	10 th – 14 th August 2026
2	6-Day Hands-on Workshop on “Landscape Design and Visualization using SketchUp” in collaboration with AP IT Solutions (Andhra & Telangana).	Chairman	12 th -18 th March 2026
2	Two-day workshop-Research methodologies and scientific publishing-R&D cell, BEC, Bapatla	Convener	28- 29 th -10 -2022
3	Workshop-Intellectual Property Rights: Strategic role of Academic Institutions, R&D cell, BEC, Bapatla	Convener	09-Sep-22
4	International conference: “Innovative and Sustainable Technologies in Civil Engineering”, (ISTCE-2021), BEC, Bapatla	Convener	24- 25 th -9-2021
5	Online webinar-Emerging Trends and Challenges in Construction projects, BEC, Bapatla	Co-Ordinator	9-11-June-2020
6	Online webinar- Low Carbon Cements – Sustainable Construction Material, BEC, Bapatla	Convener	08-June-2020
7	Workshop-Recent Trends in Civil Engineering, DMSSVHCE, Machilipatnam	Convener	12-Mar-12

8	National level student seminar-VISION C will-2K13 DMSSVHCE, Machilipatnam	Convener	04-Feb-13
9	National level student seminar-VISION C will-2K11 DMSSVHCE, Machilipatnam	Convener	17-Mar-11
10	National level student seminar- VISION C will-2004 DMSSVHCE, Machilipatnam	Co-Convener	18-Mar-04

Details of Conferences/FDPs/STTPs/webinars/Workshops Participated

S,No	Name of the Event	Organized by	Dates
A	Technical Papers presented and published at National & International level conferences		
1	An experimental study of the influence of nanomaterials on the strength characteristics of m60 grade concrete	4th International Conference on Waste Management-IITG	18-19 May 2023
2	Behaviour of Hybrid Fiber Reinforced Geopolymer Concrete Beams under Flexural Loading	ASPS Conference Proceedings (ISSN 2830-909X) 12th Structural Engineering Convention, SEC 2022, MNIT-Jaipur	19-22 Dec 2022
3	Durability Characteristic of Geopolymer Concrete	International Online Conference on Materials Science and Technology (ICMT-2021), MG University, Kerala: Gdansk, Poland & Wroclaw, Poland,	12-14 Nov 2021
4	Durability Performance of Binary Blended Geopolymer Concrete	Proceedings of 1st International Conference on Structural Damage Modelling and Assessment; Lecture notes in Civil Engineering (Springer)	13-Dec-20
5	Strength and Behavior of Hybrid Fiber-Reinforced Geopolymer Concrete Columns Under Uniaxial Compression	Advances in Sustainable Construction Materials - NITW, published in Lecture notes in Civil Engineering (Springer)	18-19 April 2020
6	An experimental study on durability properties of normal grade concrete containing Copper slag as a fine aggregate	National conference on advances in sustainable construction materials (ASCM), NIT Warangal	15-16 March 2019
7	Study of High strength fiber reinforced concrete beams under flexure	Proceedings of International Conference on Innovations in Structural Engineering (ICISE 2017), Osmania University,	26-27 Dec 2017

8	Mix design and flexural response of Ultra high performance fiber reinforced concrete	Proceedings of International Conference on Civil Engineering and material Science, ICCEMS 2017, Seoul, Korea	26-28 May 2017
9	Fresh and Hardened Properties of Self-Compacting Concrete Containing Different Mineral Admixtures	Proceedings of an AICTE Sponsored International Conference on Smart Sustainable Cities (ICSSC 2017), Velagapudi Ramakrishna Siddhartha Engineering College and APCRDA, Vijayawada	28-29 Dec 2017
10	Study of Confined Reinforced Concrete Beams under Flexural Loading.	Proceedings of International conference on Smart Sustainable Cities (ICSSC-2016), PP,26–27, VR Siddhartha Engineering College, Vijayawada	Feb-16
11	Short Paneled Concrete Pavements	Proceedings of the National conference, NCS2MCE2016 (ISBN: 978-81-932824-8-9), PP 268-272, CBIT College, Hyderabad	Dec-16
12	Investigation on pozzolanic effect of GGBS in roller compacted concrete with M-sand as fine aggregate	Proceedings of the International conference ACESC 2016, RILEM Publications	30 March-1 April 2016
13	Effect Of M-Sand and GGBS Strength And Compaction Characteristics of Roller Compacted Concrete	Proceedings of the International conference IC-ISE-15, Osmania University, Hyderabad	14 -15 Dec 2015
14	Evaluation of RCC Pavement	Proceedings of the National conference, PP 1-4, CR Reddy College, Eluru	08-Feb-14
15	Roller compacted concrete pavements for rural roads in India	Proceedings of the International conference ICETCE-14, VNR VJIET, Hyderabad	6-8 Jan 2014
16	Mix Design of Roller Compacted Concrete: An Experimental Study using Crushed Stone and River Sand as Fine Aggregate	SCMAT ,PP:146-53, NIT-Warangal	15-16 March 2013
17	Analysis of Trough Shaped FC Roofing Elements”,	Proceedings of the National conference HMRS-2013, PP 11-20, KITS-Warangal,	27-28 Dec 2013
18	Study on Re Use of Waste Material in Hollow Blocks	Proceedings of the National conference HMRS-2013, PP 1-9, KITS-Warangal	27-28 Dec 2013
19	An Experimental Study on Compound Ferro Cement Channel Sections Under Flexural Loading,	Proceedings of the International conference ISTAM-08, IIT- Kharagpur,	2 -4 May 2012

20	An Experimental Study on Ferro Cement Box-beams under Flexural Loading	Proceedings of the International conference SCACT-12, PSG College of Engineering, Coimbatore,	6 -8 Jan 2012
21	Flexural Behavior of Concrete Beams Reinforced with Steel and Wire Meshes,	Proceedings of the National conference TCETCG-10, PP 11, KSRRM College of Engineering, KADAPA	3-4 Sep 2010
22	Deflection Evaluation of Cored Ferrocement Plates in Bending	Proceedings of the National conference NCUID-08, PP 1-11, MVSR Engineering College, Hyderabad	18-19 Dec 2009
23	Deflection Evaluation of Solid Ferrocement Channel Beams	Proceedings of the National conference DIMARS-09 ,PP 237-243, Annamalai University	19-20 March 2009
24	Shear Strength on Ferro Cement Channels Beams,	Proceedings of the National conference AC3m-09, PP 411-417, CBIT, Hyderabad	21-22 Jan 2009
25	Behavior and strength of cored ferro cement rectangular elements in shear	Proceedings of the International conference ICACC-08, PP 871-880, Vasavi College of Engineering, Hyderabad	7 -9 Feb 2008
26	Shear Behavior of Voided Ferrocement Rectangular Beams	Proceedings of the National conference RASE-07, PP 187-194, JNTUCE, Anathapuram.	18-Mar-07
27	An Experimental Study on Ferrocements Channel Beams in Bending	Proceedings of the National conference MAST-07, PP :288-295, NITW-Warangal	14-15 Dec 2007
28	Repair and Rehabilitation of Concrete Structures	TECHNOFEST-07, PP 17, KLCE-Vijayawada	5-6 Jan 2007
29	Moment of Resistance of Ferrocement Elements by Plastic Analysis Approach	Proceedings of the National conference RACE-06, PP 282-287, JNTUCE, Kakinada, February 11-12, 2006	11-12 Feb 2006
30	Study on Effect of Mortar Strength on The Ultimate Strength of Ferrocement Elements in Flexure	Proceedings of the National conference on Emerging Technologies in Civil Engineering for Sustainable Development, PP 2,11-2,18, SRKREC, Bhimavaram	27-29 Dec 2006
31	Study on shear strength behavior of ferrocement elements	Proceedings of the National conference on Advances in Materials and Mechanics of Concrete Structures, PP 176-182, IITM-Chennai	12-13 Aug 2005
32	An appraisal strength enhancement in concrete cylinders confined with ferrocement jacketing	Proceedings of the National conference on Advances in Materials and Mechanics of Concrete Structures, PP 258-264, IITM-Chennai	12-13 Aug 2005
33	A study on the effect of mortar strength on the shear resistance of ferro cement elements	Proceedings of the International conference on Structural Engineering Convection, IISC-Bangalore	14-16 Dec 2005

34	Study On Shear Strength Behavior of Ferrocement Elements with Low Grade Mortar Matrix	Proceedings of the National conference on Sustaining Technology for Advancements in Civil Engineering, PP 2,71-2,75, SRKREC, Bhimavaram	24-26 Nov 2005
35	Study On Properties and Strength Variation of Different Recycled Aggregate Concrete	Proceedings of the National conference on Sustaining Technology for Advancements in Civil Engineering, PP 2,11-2,14, SRKREC, Bhimavaram	24-26 Nov 2005
36	Mechanical characteristics of steel fiber reinforced concrete	Proceedings of the National conference, MAST-2004, PP 144-147, NITW-Warangal	23-24 Jan 2004
37	A study on strength characteristics of stabilized soil blocks	Proceedings of the National conference on Innovation in construction Engineering practice, Annamalai University	24-25 Jan 1996
B	Workshops/Webinars/FDP attended		
38	FDP (One-week)	Sustainable Construction practices, KLU-Vijayawada	10-8-2024 to 15-08-2024
39	FDP (One-week)	Advanced materials and techniques for the repair and strengthening of RC structures, RVR& JC College of Engineering-Guntur	23-9-2024 to 27-09-2024
40	Webinar	Health monitoring of structures through Instrumentation	11-02-2023
41	Research Training Program	MSME- Technology Development Centre (PPDC), Agra	18-01-2021 to 29-01-2021
42	Faculty Development Program	Offshore Renewable Energy,	28 & 30th June 2021
43	Online Workshop	Recent Advances in Structural Engineering (RASE-2020) JNTU-ANANTAPUR	30-05-2020
44	Online Workshop	Online Tools & Software for Remote Teaching-Learning, UGC-Human Resource Development Centre, JNTUH	24-4-2020 to 25-04-2020
45	International webinar	Climate change impact on water resources management and environment, Andhra University, Vizag	15-7-2020 to 19-07-2020
46	Webinar	The critical foundations of signature Bridge, Delhi	20-08-2020
47	Faculty Development program	Methodologies for Generating Revenue through Research with Patents and IPR, BEC, Bapatla	30-01-2019
48	National seminar	Conjunctive Use of surface water and ground water” organized by Water Resources Department Govt of AP, at VRSEC-Vijayawada	11-2-2016 to 12-2-2016

49	International conference	Smart Sustainable Cities organized by VRSEC-Vijayawada	26-2-2016 to 27- 2- 2016
50	Workshop	Special Concretes (NWSC-14), at JNTUK-Kakinada	07-02-2014
51	National workshop	Pavement materials and Pavement Design organized by Department of Civil engineering and Center for Transportation Engineering at JNTUH	21-09-2013
52	Workshop	Natural Hazards-Role of Civil Engineers at Gudlavalleru Engineering College.	24-8-2012 to 25-08-2012
53	Workshop	Problems and Adversities in Geo-technical Engineering Practice and Solutions (PAGES) at Vignan University	30-07-2011
54	National Workshop	High Rise Constructions at JNTU, Hyderabad	22-5-2009 to 23-5 -2009
55	International Workshop	High Rise Buildings at JNTUCE, Hyderabad	25-4-2008 to 26-04-2008
56	Short-term Training Program	Integrated Surveying using Total Station and GPS at GVP College of Engineering, Vishakhapatnam,	12-03-2007 to 16-03-2007
57	National level Workshop	Introduction to Soft Computing Techniques and Applications in Civil Engineering at VRSEC-Vijayawada	16-06-2007
58	Faculty Development Program	Emerging Technologies in Civil Engineering for Sustainable Development at SRKREC-Bhimavaram	26-12-2006 to 30-12-2006
59	Short-term Course	Seismic Resistant Design of Masonry and Reinforced Concrete Buildings, at IISc-Bangalore	17-01-2005 to 21-01-2005
60	Short-term Course	Soil Reinforcement and Geo-Synthetics, at IISc-Bangalore	21-03-2005 to 25-03-2005
61	Workshop	Fly-ash—A Construction Material, conducted at KLCE—Vaddeswaram.	20-08-2005
62	Structural Applications of fal-G Concrete	IGS-Guntur chapter	30-04-2004
63	Short-term course	Municipal Solid Waste Management at IISc— Bangalore	02-08-2004 to 06-08-2004
64	Short-term Training Program	Advancements in Concrete Technology at SRKREC, Bhimavaram.	13-12-2004 to 24-12-2004

65	Short-term Training Program	Structural Steel Design for University Faculty, conducted at NIT-Warangal by INS DAG	29-11-2004 to 04-12-2004
66	Quality Assurance in Technical Education	National Conference on “Quality Assurance in Technical Education” at VRSEC, Vijayawada	18-11-2002
Awards/Recognitions/Achievements			
S.No	Name of the Award/recognition	Awarding body/Society/Organization	Year
1	Board of studies member for Civil Engineering Department	i) PACE(Autonomous)- Ongole, ii) Lingaiah Institute of Technology(Autonomous), Vijayawada, iii) ANUCE(College of Engineering), Acharya Nagarjuna University, Guntur, iv) Priyadarshini Institute of Technology. v) BOS-chairman-BEC, Bapatla.	2018 2023 2023 2025 2024 2025 2026
2	Reviewer	i)International Journal of Earth Sciences & Engineering, ii) Journal of Civil Engineering and Journal Of structural Engineering,(i-manager) , iii)Construction & Building Materials” Journal -Elsevier, iv) Journal of Korean Ceramic, v) CJSMEC-Turkey, vi)Journal of Economics, Management and Trade, vii) Indian concrete Journal, vii) Asian Journal of Education and Social Studies, viii) IJIRT, ix) Academia Materials Science	2015 -2026
3	Expert member	i) As a ratification member appointed by JNTUK-for SRK institute of technology (VJA), QIS& PACE college of Engineering, Ongole ii) Academic audit member-GEC, Gudlavalleru	2019 & 2026
4	Expert Member for Academic and Administrative -Audit	Gudlavalleru Engineering College, Gudlavalleru	09-12-2025
5	Department Advisory Board Member (Civil Engg)	RVR & JC College of Engineering, Guntur	2023

6	Awarded the first prize for a technical paper published in the National Journal (ICJ, "Shear strength of ternary blended ferrocement plates reinforced with welded wire mesh") for the 2022–23 academic year, along with research scholar B. Swathi.	47th Foundation Day of ANU Conducted on 11-9-2023	2023
7	Guest of Honour	Sir Moksha Gundam Visvesvarayya-163rd birth anniversary organized by AP Panchayat Raj Engineers association on 15-09-2023,	2023
8	Received appreciation for M.Tech thesis guidance / international academic supervision at Foreign University	Sapienza University, Rome, Italy	2022
9	Technical advisor	Ahmed Al Jarwan Abdelazaziz Fahmy Consulting Engineers, Dubai, UAE	2022-Till date
10	Certificate courses	i) Academic writing, SWAYAM, HNB Garhwal University, ii)A four-week course on Learning Technologies Foundations and Applications by University of Illinois at Urbana-Champaign, COURSERA.	2020 2021
11	Life Member (LM 1764)	Indian Society of Earthquake Technology(ISET)	2020
12	Received 3rd Best paper award	Durability Performance of Binary Blended Geopolymer concrete, SDMA2020, Ghent University	2020
13	Awards	i) Top 100 International Distinguished Researchers 2020 by Green-Thinkerz Society on 15th October 2020, ii) John Smeaton Excellence Award in Civil Engineering by IMRF in Honor of The United Nations Seventy Fifth Anniversary on 15th December 2020.	2020
14	Life Member	Indian concrete Institute (ICI)	2019
15	Ph, D Thesis Evaluator	Performance of Temperature on various strength of High strength fiber reinforced concrete-Dr,Babasaheb Ambedker Marathwada University, Aurangabad, Maharashtra, India,	2018
16	Enforcement Officer	EAMCET-2012,2013,2014,2015,2017 conducted by AP & TG Govt	2012 to 2017
17	Editorial Member	i)Journal of Civil Engineering and Journal of Structural Engineering(i-manager), ii) American Journal of Civil Engineering (AJCE)	2016-Till now
18	EX-Board of studies member for Civil Engineering	Krishna University, Machilipatnam	2012
19	Recognized supervisor of (Ph.D) Research Scholars	i) JNTUH, ANU and JNTUK, ii) Sapienza university-Roma, Italy	2012 onwards

20	Served as Resource Person for webinars, seminars, workshops and academic events at various institutions	i)Vasavi Institute of Technology, Pedana, ii)Sunflower Engineering College, Challapalli, iii)Pace Institute of Technology, Ongole, iv)QIS college of Engineering, Ongole, v)GIET , Rajahmundry, vi) SRKIT, Enekapadu, Vijayawada, vii) Priyadarshini Institute of Technology.	2011 onwards
21	R&D Dean-NAAC	Bapatla Engineering College	2022
22	Responsible for preparation of SAR for accreditations of NBA-AICTE, in the capacity of HOD, Accreditation works- Department of Civil Engineering	Bapatla Engineering College	2023

Details of project proposals Submitted/Sanctioned/Completed

S.No	Title of the Project	Funding body	Submitted/ Sanctioned/ Completed	Amount	Year/ duration
1	Design and Development of Binary Blended Prestressed Geopolymer Concrete Sleepers for static and impact loading,	Patil Rail Infrastructure Pvt. Ltd., Secunderabad.	Sanctioned	Rs 1,50,000	Completed
2	Innovative Sleeper Casting with New Materials (Co-investigator)	Divisione Impresa Pizzarotti & C, S.p.A,Sede legale: Via Tarona 4, 43010 Ponte Taro (PR), Italia	Sanctioned (2025-2028)	12500 Euros	Ongoing
3.	AI Enabled Thermal Evolution and Performance Optimization of Heat Resistant Geopolymer Precast Elements for Low Carbon Dubai Infrastructure.	Design House Engineering Consultancy-UAE	Selected for Sanctioning	15000 Dirhams-UAE	2026

Consultancy Contribution

S.No	Year	Amount	Details
1	2015-16	Rs 20,000 approx.	Private & Govt
2	2016-17	Rs 30,000 approx.	Private & Govt
3,	2017-18	Rs 30,000 approx.	Private & Govt

4,	2018-19	Rs 30,000 approx.	Private & Govt
5,	2019-20	Rs 10,000 approx.	Private & Govt
6,	2021-22	Rs 50,000 approx.	Private & Govt
7	2022-23	Rs 50,000 approx.	Private & Govt
8	2023-24	Rs 1,20,000 approx.	Private & Govt
9	2024-2025	Rs 1,25,000 approx.	Private & Govt
10	2025-2026	Rs 1,15,000 approx.	Private & Govt
Student Project/Research Guidance			
S.No	Level	Total Guided	
1	UG	Completed: 80	
2	PG	Completed: 32	
3	PhD	Completed: 5	Ongoing: 3
Administrative Experience			
S.No	Role	Duration	
1	Head of the Department at DMSSVH college of Engineering, Machilipatnam,	2010-2015	
2	Deputy warden to Girls hostel at BEC, Bapatla	2016-2020	
3	Convener: i) Engineers Day-2020 and ii) EMTF group in BEC-2020 iii) Internal complaint committee member, iv) 9 th and 10 th Graduation Day registration committee	2020-2023	
4	Member of i) College Academic council in DMSSVHCE, Machilipatnam ii) College Academic Council in BEC, Bapatla. iii) College Governing body in BEC, Bapatla.	2014-15 2020-2022, 2023-2025	
5	Dean (R&D)	2022-23	

6	Head of the Department at BEC, Civil Engineering Dept, *Acted as Principal(i/c) many times at BEC-Bapatla (2025-2026)	2023-Till today(HOD)
Research credentials		
Index/database	ID/Link	
Google Scholar	https://scholar.google.com/citations?user=G1_ekG8AAAAJ&hl=en	
SCOPUS	57216221003 , 57218593761	
Web of Science	https://www.webofscience.com/wos/author/record/ABH-1658-2021	
Vidwan ID	https://vidwan.inflibnet.ac.in/profile/287754	
Orcid Id	https://orcid.org/0000-0002-9092-8384	
Research gate	https://www.researchgate.net/profile/T-Chandra-Sekhar-Rao	
<u>Any other relevant information</u>		
i) Recognized supervisor(co) of Sapienza University, Roma, Italy, ii) Resource Person in AICTE Training and Learning (ATAL) Academy Faculty Development Program on Automation in Civil Engineering at <i>PACE INSTITUTE OF TECHNOLOGY AND SCIENCES</i> from 03/02/2025 to 08/02/2025, iii) Ratified as Professor in ANU (2009) & JNTUK (2012) iv) Management committee member for Red Cross Society Branch at Bapatla District Branch		
Date: 02-09-2026 Mobile: 9848276672 E mail: hoshikonni@gmail.com tcrbapatla@gmail.com		Dr,T,ChandraSekharRao

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