


**FACULTY PROFILE**

Name of the Faculty:	<b>Dr.T.ChandraSekharRao</b>					
Designation:	<b>Professor &amp; HOD</b>					
Department:	<b>Department of Civil Engineering</b>					
Date of Birth:	<b>22-01-1967</b>					
AICTE – ID:	<b>1-2949456688</b>					
Education	<ul style="list-style-type: none"> <li>• B.Tech in Civil Engineering from RVR &amp; JC College of Engineering -Guntur, affiliated to <b>Acharya Nagarjuna University</b> in 1989</li> <li>• M.Tech in Structural Engineering Specialization from <b>JNTUH-Kukatpally University</b> in 2004</li> <li>• PhD in Civil Engineering specialization from <b>JNTUH-Kukatpally University</b> in 2009</li> </ul>					
Experience	Teaching: 32 Years	Industry: NIL	Total: 32 Years			
	Research: 15 Years	Others: NIL				
Research Specialization	Ferrocement, Fiber reinforced concrete, ultra-high-performance concrete, Geopolymer concrete, Lightweight concrete & Roller compacted concrete.					
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					
<b>Research Contributions</b>						
International/National peer reviewed journals						
S. No.	Title of paper	Journal	Year	Volume	Pages	Indexing (SCI/WoS/ SCOPUS, Google scholar)
1	An Appraisal of The Shear Resistance of Ferrocement Elements.	<i>Asian Journal of Civil Engineering</i>	2006	7	591-602	SCI
2	An experimental study on ferrocement channel units under flexural loading	<i>International Journal of Mechanics and Solids</i>	2008	3	195-203	Google scholar
3	Investigation on voided ferrocement channel beams in shear.	<i>Journal Of Institute of Engineers</i>	2009	90	38-44	Springer Scopus
4	Flexure Behavior of Thin Webbed Ferrocement Channel Sections.	<i>International Journal of Applied Engineering Research and Solids,</i>	2012	7	707-716	Scopus

5	Prediction Of Bending Strength of Ferrocement Plate Elements : Plastic Analysis Approach.	<i>International Journal of Earth Sciences and Engineering.</i>	2012	5	1345-1351	Scopus
6	An experimental study on ferrocement box-beams under flexural loading	<i>International Journal of Emerging Technology and Advanced Engineering</i> (ISSN 2250-2459)	2012	9	138-144	Scopus
7	A possible outlet for used waste tyre rubber-based concrete	<i>Journal of Engineering &amp; Technology</i> (ISSN: 2231-4210)	2014	4	15-19	Google scholar
8	Evaluation of Properties of R.C.C Pavement.	<i>International Journal of Education and Applied Research</i>	2014	4	88-90	Google scholar
9	Strength and Compaction Characteristics of Fly Ash Roller Compacted Concrete.	<i>International Journal of Scientific Research in Knowledge (Malaysian Journal)</i>	2015	3	260-269	Google Scholar
10	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>	2016	3	500-513	Google Scholar
11	UHPFRC development material property characterization and structural applications	<i>International Journal of Research in Engineering and Technology</i>	2016	5	213-216	Google Scholar
12	Evaluation of Dynamic Elastic Modulus of Roller Compacted Concrete Containing GGBS and M-Sand	<i>i-manager's Journal on Civil Engineering</i>	2016	6	21-34	Google Scholar
13	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>	2016	5	11-19	Google Scholar
14	Abrasion resistance and mechanical properties of Roller Compacted Concrete with GGBS.	<i>Construction and Building Materials ,Elsevier</i>	2016	114	925-933	ESCI
15	Experimental studies in Ultrasonic Pulse Velocity of roller compacted concrete pavement containing fly ash and M-sand	<i>International Journal of Pavement Research and Technology</i>	2016	9	289-301	SCI
16	Experimental studies in ultrasonic pulse velocity of roller compacted concrete containing GGBS and M-sand	<i>ARPN Journal of Engineering and Applied Sciences</i>	2016	11	1482-1493	Scopus
17	Relation between Cantabro Loss and Surface Abrasion Resistance of Fly Ash Roller Compacted Concrete (FRCC).	<i>In Advanced Engineering Forum, Switzerland.</i>	2016	16	52-68	SCI

18	Investigating the effect of M-sand on abrasion resistance of Roller Compacted Concrete containing GGBS	<i>Construction and Building Materials</i> , Elsevier	2016	122	191-201	ESCI
19	Investigating the effect of M-sand on abrasion resistance of Fly Ash Roller Compacted Concrete (FRCC).	<i>Construction and Building Materials</i> , Elsevier	2016	118	352-363	ESCI
20	Use of composite mixture of M-sand and Flyash as a subgrade material	<i>Journal Mechanical and civil engineering(IOSR)</i>	2016	13	39-42	Google Scholar
21	Vibration Impact on Fresh Concrete of Conventional and UHPFRC	<i>International Journal of Applied Engineering Research</i>	2017	12	1683-1690	Scopus
22	Flexural strength development based on packing density and steel fiber of UHPFRC	<i>International Journal of Civil Engineering and Technology,</i>	2017	8	271-282	Scopus
23	Experimental Investigation of UHPFRC Cube and Cylinder Compression Test at Elevated Temperature.	<i>Open Journal of Civil Engineering</i>	2017	7	282-296	wos
24	UHPFRC A Novel Combination Material for Blast Resistant Structures.	<i>International Review of Civil Engineering (I.R.E.C.E), Praiseworthy-Italy,</i>	2017	8	1-9	Scopus(Q2)
25	Mix Design and Flexural Response of Ultra High Performance Fiber Reinforced Concrete (UHPFRC).	Materials today, Science Direct (Elsevier)	2018	5	25420-25429	wos
26	An Experimental Study on Mechanical properties of Light weight aggregate concrete.	<i>International Journal of Civil Engineering and Technology (IJCIET).</i>	2018	9	1539-1547	Scopus
27	Influence of Alkali Concentration on Strength Characteristic of GGBS Based Geopolymer Mortar	<i>American Journal of Engineering Research.</i>	2018	7	9-12	Google scholar
28	Prediction of setting and strength characteristic of Binary Blended Geopolymer Matrix	<i>Journal of Structural Engineering</i>	2018	6	16-22	Google scholar
29	Experimental investigations on tensile strength behavior and microstructure of ultra-high-performance fiber-reinforced concrete.	<i>SN Applied Sciences</i> © Springer Nature Switzerland	2019	1	1-11	ESCI
30	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>	2019	7	1951-1955	Scopus
31	Dominance of material composition on mechanical properties of normal and high strength grade binary blended geopolymer concrete	<i>Romanian Journal of Applied Sciences and Technology</i>	2020	2	128-133	Central & Eastern European Academic Source - CEEAS (EBSCO)

32	Properties of Self-Compacting Concrete Containing Mineral Admixtures	<i>IOSR Journal of Mechanical and Civil Engineering</i> ISSN(e) : 2278-1684, ISSN(p) : 2320-334X	2020		42-48	Google scholar
33	High Strength Superplasticizer Ternary Blended Mortar for Ferrocement Elements	<i>Solid State Technology,</i> ISSN: 0038-111X,	2020	63	128-136	Scopus
34	Strength Characteristics of Binary Blended Geopolymer Concrete	<i>Solid State Technology</i>	2020	63	4825-4830	Scopus
35	A Review Report on Utilization of Geopolymer Concrete for Pavement Applications	<i>Solid State Technology</i>	2020	63	4468-4473	Scopus
36	Shear strength of graded steel fibre reinforced self-compacting concrete	<i>Journal of Hunan University (Natural Sciences)</i>	2021	48	1873-1885	Scopus
37	Shear strength of ternary blended ferrocement plates reinforced with welded wire mesh	<i>The Indian Concrete Journal(ICJ)</i>	2022	98	18-25	Scopus
38	RCC slab strengthening embellishment in nonlinear analysis by retrenchment and manifestation of frustration and cracks	<i>Asian Journal of Civil Engineering</i>	2022	23	841-854	SCI
39	A Study on Hybrid Fiber Reinforced Geopolymer Concrete Short Columns Under Uniaxial Compression	<i>Eur. Chem. Bull</i>	2023	12	2525-2541	Scopus
40	A Compressive Strength Model for Proportioning Self-Compacting Concrete	<i>Journal of Harbin Engineering University</i>	2023	44	744-752	Scopus
41	Experimental study on moment-curvature ( $M-\Phi$ ) response for graded fibre reinforced SCC beams	<i>Journal of Aeronautical materials</i>	2023	43	301-314	Scopus

### Books published

S. No.	Title of the book	Publisher	year
1	NIL	NIL	-----

### Book Chapters Published.

S.No.	Title of the Chapter	Book Title	Publisher	year
1	Strength and Behavior of Hybrid Fiber-Reinforced Geopolymer Concrete Columns Under Uniaxial Compression	Advances in Sustainable Construction Materials, NITW	Lecture Notes in Civil Engineering, Springer nature-Scopus	2020
2	Effect of lateral confinement on short columns under uniaxial compression	International conference on smart sustainable materials and technologies: ICSSMT-2020	AIP Conf. Proc. 2297, 020015 (2020)-Scopus indexed	2020
3	Investigating the performance		Materials Today	

	of self-compacting concrete pavement containing GGBS.	GC-RASM 2021	Science direct, Proceedings (wos)	2022
4	Pervious Concrete: An Overview and Experimental Study	Innovative and Sustainable Technologies in Civil Engineering 2021-BEC, Bapatla(Intl Conference)	IOP Conf. Series: Earth and Environmental Science, <b>Scopus</b> indexed	2022
5	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) <b>Springer-Scopus</b>	2023
6	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	Lecture Notes in Civil Engineering book series (LNCE, volume 440), published <b>Springer-Scopus</b>	2023
7	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 <b>Springer Nature. Scopus</b>	2024

#### 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	13 April 2022 <b>Australian Govt</b> IP Australia	<b>Granted</b>
2	2023/03204	Method to assess the torsional response against the strength and behaviour of geopolymer concrete	2023/06/28 <b>REPUBLIC OF SOUTH AFRICA</b>	<b>Granted</b>
3	202341026280	A compact 4element U-shaped MIMO antenna with slotted ground for 5GmmWave wireless communications.	05-05-2023 Indian patent	Published
4	202341026276	A Novel dual band-4element-MIMO antenna for 5Gmm wave N 257/N258 and N262 band applications.	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	National level student seminar- VISION C will-2004 DMSSVHCE, Machilipatnam	Co-Convener	18/March/2004
2	National level student seminar-VISION C will-2K11 DMSSVHCE, Machilipatnam	Convener	17/March/2011
3	National level student seminar-VISION C will-2K13 DMSSVHCE, Machilipatnam	Convener	04/Feb/2013
4	Workshop-Recent Trends in Civil Engineering DMSSVHCE, Machilipatnam	Convener	12/March/2012

5	Online webinar- Low Carbon Cements – Sustainable Construction Material, BEC, Bapatla	Convener	08/0June/2020
6	Online webinar-Emerging Trends and Challenges in Construction projects, BEC, Bapatla	Co-Ordinator	9-11/June/2020
7	<b>International conference</b> ,“Innovative and Sustainable Technologies in Civil Engineering” (ISTCE-2021) ,BEC, Bapatla	Convener	24- 25 <sup>th</sup> /9/ 2021
8	Two-day workshop-Research methodologies and scientific publishing-R&D cell, BEC, Bapatla	Convener	28- 29 <sup>th</sup> /10 /2022
9	Workshop-Intellectual Property Rights: Strategic role of Academic Institutions. R&D cell, BEC, Bapatla	Convener	09/Sep/2022

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

S. No	Name of the Event	Organized by	Dates
<b>A</b>	<b>Technical Papers presented and published at National &amp; International level conferences</b>		
1	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
2	Mechanical characteristics of steel fiber reinforced concrete	Proceedings of the National conference, MAST-2004, PP 144-147, <b>NITW-Warangal</b> ,	23-24/Jan/ 2004.
3	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, <b>IITM-Chennai</b> ,	12-13/Aug/2005.
4	A study on the effect of motor strength on the shear resistance of ferro cement elements	Proceedings of the International conference on Structural Engineering Convection, <b>IISC-Bangalore</b>	14-16 <sup>th</sup> /Dec/2005
5	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, <b>IITM-Chennai</b> ,	12-13/Aug/2005.
6	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, <b>SRKREC, Bhimavaram</b> .	24-26/Nov/ 2005.
7	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, <b>SRKREC, Bhimavaram</b> .	24-26/Nov/ 2005.
8	Moment of Resistance of Ferrocement Elements by Plastic Analysis Approach	Proceedings of the National conference RACE-06, PP 282-287, <b>JNTUCE, Kakinada</b> , February 11-12, 2006.	11-12/Feb/2006
9	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, <b>SRKREC, Bhimavaram</b> .	27-29/Dec/2006
10	Repair and Rehabilitation of Concrete Structures	TECHNOFEST-07, PP 17, <b>KLCE-Vijayawada</b>	5-6/Jan/2007
11	Shear Behavior of Voided Ferrocement Rectangular Beams	Proceedings of the National conference RASE-07, PP 187-194, <b>JNTUCE, Anathapuram</b> .	18/March/2007
12	An Experimental Study on Ferrocements Channel Beams in Bending	Proceedings of the National conference MAST-07, PP 288-295, <b>NITW-Warangal</b> ,	14-15/Dec/2007
13	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 <sup>th</sup> / Feb/ 2008.

14	Deflection Evaluation of Cored Ferrocement Plates in Bending	Proceedings of the National conference NCUID-08, PP 1-11, <b>MVSR Engineering College, Hyderabad</b>	18-19/Dec/2009
15	Shear Strength on Ferro Cement Channels Beams.	Proceedings of the National conference AC3m-09, PP 411-417, <b>CBIT, Hyderabad</b>	21-22/Jan/2009
16	Deflection Evaluation of Solid Ferrocement Channel Beams	Proceedings of the National conference DIMARS-09 ,PP 237-243, Annamalai University	19-20/march/2009
17	Flexural Behavior of Concrete Beams Reinforced with Steel and Wire Meshes.	Proceedings of the National conference TCETCG-10, PP 11, KSRM College of Engineering, KADAPA	3-4/Sep/2010
18	An Experimental Study on Compound Ferro Cement Channel Sections Under Flexural Loading.	Proceedings of the International conference ISTAM-08, <b>IIT- Kharagpur.</b>	2 -4 <sup>th</sup> / May/ 2012.
19	An Experimental Study on Ferro Cement Box-beams under Flexural Loading	Proceedings of the International conference SCACT-12, <b>PSG. College of Engineering, Coimbatore,</b>	6 -8 <sup>th</sup> /Jan/ 2012.
20	Analysis of Trough Shaped FC Roofing Elements”,	Proceedings of the National conference HMRS-2013, PP 11-20, KITS-Warangal,	27-28/Dec/2013
21	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
22	Mix Design of Roller Compacted Concrete: An Experimental Study using Crushed Stone and River Sand as Fine Aggregate	SCMAT ,PP:146-53 , <b>NIT-Warangal.</b>	15-16/March/2013
23	Roller compacted concrete pavements for rural roads in India	Proceedings of the International conference ICETCE-14, VNR VJIET ,Hyderabad	6-8 <sup>th</sup> /Jan/2014.
24	Evaluation of RCC Pavement	Proceedings of the National conference, PP 1-4, CR Reddy College, Eluru.	8/Feb/2014
25	Effect Of M-Sand and GGBS Strength And Compaction Characteristics of Roller Compacted Concrete	Proceedings of the International conference IC-ISE-15 , <b>Osmania University, Hyderabad</b>	14 -15 <sup>th</sup> / Dec/2015.
26	Investigation on pozzolanic effect of GGBS in roller compacted concrete with M-sand as fine aggregate	Proceedings of the International conference ACESc 2016, <a href="#">RILEM Publications</a>	30 <sup>th</sup> March-1 <sup>st</sup> April/2016
27	Short Panelled Concrete Pavements	Proceedings of the National conference, NCS2MCE2016 (ISBN: 978-81-932824-8-9), PP 268-272, <b>CBIT College, Hyderabad,</b>	Dec/2016
28	Study of Confined Reinforced Concrete Beams under Flexural Loading,”	Proceedings of International conference on Smart Sustainable Cities (ICSSC-2016), PP.26–27. V.R. Siddhartha Engineering College, Vijayawada,	Feb/2016
29	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.
30	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 <sup>th</sup> / May /2017
31	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
32	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), <b>NIT Warangal</b>	15-16 /March/ 2019.
33	Strength and Behavior of Hybrid Fiber-Reinforced Geopolymer Concrete Columns Under Uniaxial Compression	<a href="#">Advances in Sustainable Construction Materials</a> -NITW, published in Lecture notes in Civil Engineering (Springer)	18-19/April/2020

34	Durability Performance of Binary Blended Geopolymer Concrete	Proceedings of 1 <sup>st</sup> International Conference on Structural Damage Modelling and Assessment; Lecture notes in Civil Engineering(Springer)	13/Dec/2020
35	Durability Characteristic of Geopolymer Concrete	International Online Conference on Materials Science and Technology(ICMT-2021),MGUniversity,Kerala:Gdansk,Poland&Wroclaw,Poland.	12-14/Nov/2021
36	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
37	An experimental study of the influence of nanomaterials on the strength characteristics of m60 grade concrete	4 <sup>th</sup> International Conference on Waste Management-IITG	18 <sup>th</sup> & 19 <sup>th</sup> /May/2023
<b>B</b>	<b>Workshops/Webinars/FDP attended</b>		
38	Structural Applications of fal-G Concrete	IGS-Guntur chapter.	31-04-2004
39	Quality Assurance in Technical Education	National Conference on "Quality Assurance in Technical Education "at VRSEC, Vijayawada	18-11-2002
40	Short-term course	Municipal Solid Waste Management at IISc–Bangalore	02-08-2004 to 06-08-2004.
41	Short-term Training Program	Advancements in Concrete Technology at SRKREC, Bhimavaram.	13-12-2004 to 24-12-2004.
42	Short-term Training Program	Structural Steel Design for University Faculty, conducted at NIT-Warangal by INSDAG	29-11-2004 to 04-12-2004.
43	Short-term Course	Seismic Resistant Design of Masonry and Reinforced Concrete Buildings, at IISc-Bangalore	17-01-2005 to 21-01-2005.
44	Short-term Course	Soil Reinforcement and Geo-Synthetics, at IISc-Bangalore	21-03-2005 to 25-03-2005.
45	Workshop	Fly-ash–A Construction Material, conducted at KLCE–Vaddeswaram, Vja.	20-08-2005.
46	Faculty Development Program	Emerging Technologies in Civil Engineering for Sustainable Development at SRKREC-Bhimavaram	26-12-2006 to 30-12-2006.
47	Short-term Training Program	Integrated Surveying using Total Station and GPS at GVP College of Engineering, Vishakhapatnam.	12-03-2007 to 16-03-2007
48	Workshop	Introduction to Soft Computing Techniques and Applications in Civil Engineering at VRSEC-Vijayawada	16-06-2007.
49	National level Workshop	Introduction to Soft Computing Techniques and Applications in Civil Engineering at VRSEC-Vijayawada .	16-06-2007
50	International Workshop	High Rise Buildings at JNTUCE, Hyderabad .	25-4-2008 to 26-4 -2008
51	National Workshop	High Rise Constructions at JNTU, Hyderabad	22-5-2009 to 23-5 -2009.
52	Workshop	Problems and Adversities in Geo-technical Engineering Practice and Solutions(PAGES) at Vignan University .	30-7- 2011
53	Workshop	Natural Hazards-Role of Civil Engineers at Gudlavalleru Engineering College.	24-8-2012 to 25-8-2012
54	National workshop	Pavement materials and Pavement Design organized by Department of Civil engineering and Center for Transportation Engineering at JNTUH.	21-09-2013
55	Workshop	Special Concretes (NWSC-14), at JNTUK-Kakinada .	07-02-2014



56	National seminar	Conjunctive Use of surface water and ground water” organized by Water Resources Department Govt of A.P, at VRSEC-Vijayawada.	11-2-2016 to 12-2-2016.
57	International conference	Smart Sustainable Cities organized by VRSEC-Vijayawada.	26-2-2016 to 27- 2- 2016.
58	Faculty Development program	Methodologies for Generating Revenue through Research with Patents and IPR ,BEC, Bapatla	30-01-2019
59	Online Workshop	Recent Advances in Structural Engineering (RASE-2020)JNTU-ANANTAPUR.	30-05-2020
60	Online Workshop	Online Tools & Software for Remote Teaching-Learning, UGC-Human Resource Development Centre, JNTUH.	24-4-2020 to 25-4- 2020
61	International webinar	Climate change impact on water resources management and environment. Andhra University,Vizag	15-7-2020 to 19-7-2020
62	Research Training Program	MSME- Technology Development Centre (PPDC), Agra.	18-01-2021 to 29-01-2021
63	Faculty Development Program	Offshore Renewable Energy, Civil Engg. Dept, BEC, Bapatla	28-30 <sup>th</sup> -06- 2021
64	Webinar	The critical foundations of signature Bridge, Delhi	20/8/2020
65	Webinar	Health monitoring of structures through Instrumentation.	11/2/23

### Awards/Recognitions/Achievements

S. No	Name of the Award/recognition	Awarding body/Society/Organization	Year
1	Life Member	Indian concrete Institute(ICI)	2019
2	Life Member(LM 1764)	Indian Society of Earthquake Technology(ISET)	2020
3	Editorial Member	Journal of Civil Engineering and Journal of Structural Engineering(i-manager).	2016-Till now
4	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 Society v) CJSMEC-Turkey, vi)Journal of Economics, Management and Trade, vii) Indian concrete Journal viii) Asian Journal of Education and Social Studies	2015 -2023
5	Board of studies member for Civil Engineering Department	i)PACE(Autonomous)- Ongole. ii) Lingaiah Institute of Technology(Autonomous), Vijayawada iii) College of Engineering, Acharya Nagarjuna University, Guntur	2016 2023 2023
6	Department Advisory Board Member ( Civil Engg.)	RVR & JC College of Engineering, Guntur	2023
7	EX-Board of studies member for Civil Engineering	Krishna University, Machilipatnam.	2012
8	Recognized supervisor of (Ph.D) Research Scholars	JNTUH, ANU and JNTUK.	2012 onwards
9	Ph. D Thesis Evaluator	Performance of Temperature on various strength of High strength fiber reinforced concrete”-	2018

		Dr.Babasaheb Ambedker Marathwada University, Aurangabad, Maharashtra, India.	
10	Got Appreciation for M.Tech thesis guidance at Foreign University	<b>Sapienza University, Rome. Italy</b>	2022
11	Resource person to various colleges conducted: webinars/seminars/workshop/Fest	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	2011 onwards
12	Technical advisor	Ahmed Al Jarwan Abdelaziz Fahmy Consulting Engineers, Dubai, UAE	2022
13	Enforcement Officer	EAMCET-2012,2013,2014,2015,2017 conducted by AP & TG Govt.	2012 to 2017
14	Received 3 <sup>rd</sup> Best paper award	Durability Performance of Binary blended Geopolymer concrete,SDMA2020,Ghent University	2020
15	Certificate courses	i) Academic writing, <b>SWAYAM</b> , HNB Garhwal University ii)A four-week course on Learning Technologies Foundations and Applications by University of Illinois at Urbana-Champaign, COURSERA.	2020 2021
16	Awards	i) Top 100 International Distinguished Researchers 2020 by GreenThinkerz Society on 15 <sup>th</sup> October 2020 ii) John Smeaton Excellence Award in Civil Engineering by IMRF in Honor of The United Nations Seventy Fifth Anniversary on 15 <sup>th</sup> December 2020.	2020
17	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.	<b>47th Foundation Day of A.N.U. Conducted on 11-9-2023</b>	2023
18	Guest of Honour	Sir Moksha Gundam Visvesvarayya-163 <sup>rd</sup> birth anniversary organized by AP Panchayat Raj Engineers association on 15-09-2023	2023

### Details of project proposals submitted/sanctioned/completed.

S.No.	Title of the Project	Funding body	Submitted/ Sanctioned/ Completed	Amount (Rs)	Year/ duration
1	Geopolymer concrete prestressed railway sleepers	SERB-DST-SPR/2023/000164	Submitted (Accepted for Evaluation)	32,35000	36 months
2	Design and Development of Binary Blended Prestressed Geopolymer Concrete Sleepers for static and impact loading.	Patil rail Infrastructure pvt Ltd. Secunderabad	Sanctioned	1,50,000	24 months

### Consultancy contribution

S.No.	Year	Amount	Details
1	2015-16	20,000(approx.)	Private & Govt
2	2016-17	30,000(approx.)	Private & Govt
3.	2017-18	30,000(approx.)	Private & Govt
4.	2018-19	30,000(approx.)	Private & Govt
5.	2019-20	10,000(approx.)	Private & Govt

6.	2021-22	50,000(approx.)	Private & Govt
7	2022-23	50,000(approx.)	Private & Govt
<b>Student Project/Research guidance</b>			
S.No	Level	Total number	
1	UG	Completed: 70	Ongoing: 2
2	PG	Completed: 32	Ongoing: NIL
3	PhD	Completed: 2	Ongoing: 5
<b>Administrative Experience</b>			
S.No.	Role	Duration (From – to)	
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 <sup>th</sup> and 10 <sup>th</sup> 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, 2023-20xx 2023-2025	
5	Dean (R&D)	2022-23	
6	Head of the Department at BEC, Civil Engg Dept.	2023-Till today	
<b>Research credentials</b>			
Index/database	ID/Link		
Google Scholar	<a href="https://scholar.google.com/citations?user=G1_ekG8AAAAJ&amp;hl=en">https://scholar.google.com/citations?user=G1_ekG8AAAAJ&amp;hl=en</a>		
SCOPUS	57216221003 57218593761		
Web of Science	<a href="https://www.webofscience.com/wos/author/record/ABH-1658-2021">https://www.webofscience.com/wos/author/record/ABH-1658-2021</a>		
Vidwan ID	<a href="https://vidwan.inflibnet.ac.in/profile/287754">https://vidwan.inflibnet.ac.in/profile/287754</a>		
Orcid Id	<a href="https://orcid.org/0000-0002-9092-8384">https://orcid.org/0000-0002-9092-8384</a>		
Research gate	<a href="https://www.researchgate.net/profile/T-Chandra-Sekhar-Rao">https://www.researchgate.net/profile/T-Chandra-Sekhar-Rao</a>		
<b><u>Any other relevant information</u></b>			
i) Management committee member for Red Cross Society Branch at Bapatla District Branch			
Dr.T.ChandraSekharRao (Date:30-10-2023)			