I	Name of Faculty	Dr.G. MALLIKARJUNA RAO	
II	Designation	Assistant Professor	
III	Nature of Job/Appointment	Regular	
IV	Date of Joining	05 - 02 -2024	
V	E-mail	mallikarjunaraog_civil@cbit.ac.in	
VI	Education Qualifications	Name of the Degree	Class
	Ph. D	Doctor of Philosophy (Civil Engineering)	Awarded
	PG	M.Tech. (Structural Engineering)	I class
	UG	B.Tech. (Civil Engineering)	I class
VII	Work Experience		
	Teaching	8 Years 6 Months	
	Research	12 years and 6 months	
	Industry	--	
	Others	--	
VIII	Area of Specialization	Structural Engineering	
IX	Professional Memberships	Life Member of Indian Concrete Institute- L.M. No: 12995 Life Member of Bamboo Society of India - L.M. No: 1256	
X	Responsibilities held at Institution Level	1. Member Private Consultancy Works – Vardhman College of Engineering (2018-2023) 2. Member GHMC TPQC works – Vardhman College (2021 - 2023). 3. Representative, GHMC Circle–13, 2025 – Participated in civic engagement initiatives and provided consultancy support for local projects.	
XI	Responsibilities held at Department Level	1. HoD, Civil Engineering Department, Vardhaman College of Engineering (2018 July to 2023 March) 2. NAAC Coordinator (Dept. level), Vardhaman College of Engineering (During A.Y. 2018-23) 3. NBA Coordinator (Dept. level), Vardhaman College of Engineering (During A.Y. 2018-23). 4. Actively contributed as a member of the Board of Studies (BoS) for R22 and R22(A) regulations, participating in curriculum design, course structuring, and academic framework revisions. 5. Successfully prepared and compiled the Academic and Administrative Audit (AAA) documentation for the academic year 2023–24. 6. Contributed to the preparation of key quality assurance documents, including: a. **Department Advisory Board (DAB) report** b. **PAQIC–UG and PG (Program Assessment and Quality Improvement Committee) documentation** 7. Actively participated in NAAC Criterion-I activities, supporting curricular documentation, compliance, and internal quality reviews. 8. Coordinated the ISO Internal Audit at the department level, ensuring data validation, procedural compliance, and audit readiness.	
XII	Research Guidance	--	

XIII	Awards	Received the Second Prize (Best Technical Paper Award) for the paper titled "Study on Strength and Durability characteristics of Recycled Aggregate used in different grades of Concrete" (co-authored with Sabavath Jagandas et al.) presented at the 39th National Convention of Civil Engineers, held on 17–18 October 2024 at Kochi, organised by The Institution of Engineers (India), Kochi Local Centre.	
XIV	Courses Handled at Under Graduate / Post Graduate Level.	Design of Reinforced Concrete Structures, Design of Steel Structures, Strength of Materials-I, Concrete Technology, Fluid Mechanics, Hydraulics and Hydraulic Machines, Repair and Rehabilitation of Structures, Green Building of Sustainability, Theory of Elasticity, Finite Element Analysis, Advanced Concrete Technology, Concrete Technology Lab, Strength of Materials Laboratory and Advanced Concrete Technology Laboratory	
XV	No. of Papers Published	National Journals – NIL	International Journals – 21
		National Conferences – 8	International Conferences – 8
XVI	Projects Carried out	1. Completed 2.5 lacks funding project under JNTUH TEQIP PHASE-III titled “Physio-chemical studies on geopolymer treated expansive soils for pavement applications”. 11th July 2019. 2. Establishment of Concrete Laboratory worth of 14 lakhs funding project under AICTE-MODROBS (Modernization of Concrete Technology Laboratory). 3. Rao, G.M., 2025. Utilization of coal mine overburden ash as a sustainable substitute for natural sand in concrete: A study towards better strength and durability. Major Project sanctioned by Chaitanya Bharathi Institute of Technology (CBIT), CBIT/PROJ-IH/I081/Civil/DO06/2025. Funded: ₹180,000. 4. Rao, G.M., 2025. Strength and durability characteristics of geopolymer-based mortars. Student Project supervised at Chaitanya Bharathi Institute of Technology (CBIT), CBIT/PROJ-SIH/I054/Civil/D001/2025. Funded: ₹24,500. Students: M. Mallikarjun (160121732307), G. Nithesh (160121732098), B. Prashanth (16012173209).	
XVII	Patents	02 (Published)	
	Technology Transfer		
XVIII	Invited Speaker (Few Important/Prominent)	1. Delivered a lecture on “Concrete Technology” at K.G Reddy College of Engineering, Hyderabad on 21st September 2019. 2. Delivered a lecture on “Geopolymer Concrete and its applications”, at Jayamukhi Institute of Technological Sciences, Warangal, RACE-2020 on 9thJUNE to 13th JUNE 2020. 3. Delivered a lecture on “Mix design Methodology of Geopolymer Concrete”, at Geetanjali Institute of Science and Technology, on Recent Trends in Civil Engineering dated 10th JUNE to 12th JUNE 2020. 4. Delivered a lecture on “Mix design Methodology of Geopolymer Concrete”, at THE RAMCO CEMENTS LIMITED dated 29th July 2020. 5. Session Char in International Conference on Emerging Trends in Civil Engineering-2K21 organized by Department of Civil Engineering on 6th and 7th August 2021. 6. Conference Review Committee of 2nd INTERNATIONAL CONFRENCE on Sustainable Construction Technologies and Advancements in Civil Engineering, ScTACE 2021, dated on 14/10/2021 to 16/10/2021. 7. Conference Chair of First International Conference on Latest Trends in Management Entrepreneurship, Engineering & Sciences ICMESS-2022 organized by Acharya Institute of Graduate Studies, Bengaluru, Karnataka, India & RSP Research Hub, Coimbatore, Tamil Nadu, India on 29th & 30th April 2022. 8. Session Chair in International Conference on Emerging Trends in Civil Engineering-2K22 organized by Department of Civil Engineering on 06th & 07th August 2022.	

		9. Session Chair in one of the technical sessions for Two days International Conference on “Innovative Technology for smart Construction Materials and 10. Sustainable Infrastructure”, ITSCMSI -2022. VR Siddhartha Engineering College in online Mode, 14th & 15th October 2022 is Organized under ICI- VRSEC Student Chapter. 11. Expert in SMART India Hackathon, 2022, GRAND FINALE 2022 at Vardhaman College of Engineering, dated on 25/08/2022 to 26/08/2022. 12. Delivered a guest lecture on 27.09.2024 during the Refresher Training Programme on “Advanced Construction Material in Concrete Technology” for MES CGOs and Officers of the Corps of Engineers at ESCI Campus, Hyderabad (Offline). 13. Delivered a guest lecture on 10-03-2025 during the ATAL Online 6-day Faculty Development Programme on “Sustainability Innovation Trends in Civil Engineering,” organized by Lords Institute of Engineering and Technology (Online). 14. Delivered a guest lecture on 21-09-2024 during the Five Days Online International Faculty Development Program on “Sustainable Construction Materials and Technologies (SCMT – 2024),” organized by Annamacharya Institute of Technology and Sciences (Online). 15. Delivered a guest lecture on 07-12-2024 on “Overview on Principal Stresses and Strains” at KG Reddy College of Engineering, Hyderabad (Online). 16. Delivered a guest lecture on 01-03-2025 during the One-Day Online Workshop on “Rehabilitation and Repair of Structures & Fibre Reinforced Concrete,” organized by Christu Jyothi Institute of Technology & Science, Jangoan (Online). 17. Delivered a guest lecture on 24-12-2024 in a Technical Talk on “Sustainable Building Materials & Rehabilitation of RCC Structures” at Hotel Vamshee International, Nizamabad (Offline). 18. Delivered a guest lecture on 28-06-2024 during the Five Days Online International Faculty Development Program on “Sustainable Construction Materials, Technologies & Practices (SCMTP-2024),” organized by Malla Reddy Engineering College (Autonomous), Hyderabad, Telangana (Online). 19. Served as Session Chair on 26–27 April 2024 for ICETCE-2K24, organized by the Department of Civil Engineering, Narasaraopeta Engineering College (Online). 20. Delivered a Technical Talk on “Sustainable Building Materials & Rehabilitation of RCC Structures” organized by UltraTech Cement Limited on 31st October 2025 at SVM Grand, Nagole, Hyderabad. 21. Delivered a Technical Talk on “Sustainable Building Materials & Rehabilitation of RCC Structures” hosted by UltraTech Cement Limited on 21st July 2025 at Konaganti Grand INN, Mahabubnagar. 22. Invited as a Resource Person for the Non-Destructive Testing (NDT) Workshop at Techno Fest 2025, organized by Lords Institute of Engineering & Technology (LIET) on 25th April 2025, sharing insights on Civil Engineering and NDT with students, scholars, and faculty members.
XIX	No. of Books/Chapter Published with details	1. G. Mallikarjuna Rao, T.D. Gunneswara Rao, Ramaseshu D, M. Siva Nagi Reddy, “A Study on Strength and Performance of Geopolymer Concrete subjected toElevated Temperatures”, Recent Advances in Structural Engineering, Volume 1, Lecture Notes in Civil Engineering 11, 2019. 2. G. Mallikarjuna Rao, C.M. Kireety “Durability Studies on Alkali Activated Fly Ash and GGBS-Based Geopolymer Mortars”. Sustainable construction building Materials, Lecture notes in Civil Engineering. 25,2019. 3. G. Mallikarjuna Rao, Sunil Nandipati, G. V. R. Srinivasa Rao “Performance Evaluation of Ternary Blended Alkali-Activated Mortars Incorporated with Industrial Waste

		Byproducts—A Step Toward Sustainability", Low Carbon Materials and Technologies for a Sustainable and Resilient Infrastructure- CBKR 2023 4. Bharath Kumar, D. & Rao, G.M., 2025. Effect of wastewater on concrete curing and mixing. In: Proceedings of NCCE 2024. LNCE 737. Singapore: Springer. https://doi.org/10.1007/978-981-95-1491-5_23. 5. Rao, G.M., Bharath Kumar, D. & Srikanth, K., 2025. Study of strength and durability of recycled aggregates used in different grades of concrete. In: Proceedings of NCCE 2024. LNCE 737. Singapore: Springer. https://doi.org/10.1007/978-981-95-1491-5_24. 6. Srikrishna, T.C., Singh, V., Rao, G.M. & Srikanth, K., 2025. Predicting mechanical properties of glass fiber reinforced concrete using response surface methodology. Procedia Structural Integrity, 70, pp.271–278. https://doi.org/10.1016/j.prostr.2025.07.053. 7. Srikanth, K., Srikrishna, T.C. & Rao, G.M., 2025. Flexural behaviour of bamboo and PVA fiber reinforced concrete slab panels. In: Proceedings of NMTE2A, Springer Proceedings in Materials, 77. Singapore: Springer, pp.203–212. https://doi.org/10.1007/978-981-96-6107-7_11. 8. Rao, G.M., Jagandas, S., Shafin, M., Srikanth, K. & Bharath Kumar, D., 2024. Evaluation of bamboo species as reinforcement in concrete for temporary structures: A study of physical and mechanical properties. In: 14th Structural Engineering Convention – An International Conference (SEC-2024). 2024-25.
XX	Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops. Other Trainings (Attended and/or Organized).	1. Conducted one week FDP program organized on Raising awareness on Consultancy in Civil Engineering, dated from 26th Nov 2018-1st December 2018. 2. Conducted one week FDP program organized on Revit architect in civil Engineering dated form 2nd December to 8th December 2019. 3. Conducted one-week student training program on "Survey Boot Camp Using Total Station, Satellite Image from ISRO" with collaboration of Vaanahaa Educational Institute, from 26.12.2022 to 31.12.2022. 4. Organized one-week student training program on "BIM using Revit" from 04.07.2022 to 09.07.2022. 5. Participated in a One-Week Faculty Development Program on "Research and Innovations in Structural Engineering" from 12th to 17th February 2024, organized by the Department of Civil Engineering, Vardhaman College of Engineering. 6. Participated in a Five-Day Faculty Development Program on "Durability Challenges for Sustainable Concrete" from 18th to 22nd March 2024, organized by SR University, Warangal, Telangana, in association with the National Academy of Construction. 7. Participated in the 4th "24 Hours of Concrete Knowledge" on July 9–10, 2024, with 3 hours of attendance, as confirmed by the Certificate of Attendance. 8. Participated in the Second One Day International Workshop on Innovation in the Construction Materials and Techniques (ICMT-2024) on 9 July 2024 at SRM Institute of Science and Technology, Kattankulathur, jointly with University Malaysia Sarawak, Sarawak, Malaysia, gaining insights on innovations in construction materials and techniques. 9. Attended One Month International Workshop on Remotely Monitored, Controlled & Real Time Implementation of Incubation Parameters via Cutting Edge IoT & Cloud Technology from 1st-31st March 2024 at Methodist College of Engineering and Technology, technically sponsored by ISTE New Delhi & IETE, New Delhi, gaining insights on remote monitoring, control, and real-time implementation using IoT and cloud technologies. 10. Participated in the Online Faculty Development Programme titled "Machine Learning Applications for Engineers" from 3rd to 7th June 2024, organized by the Department of Computer Science and Engineering, Chaitanya Bharathi

		Institute of Technology (A), in technical association with ACM Hyderabad Deccan Chapter, gaining insights into machine learning applications relevant to engineering domains. 11. Participated in the One Week National Level Faculty Development Programme on “Applications of Advanced Techniques for Repair and Rehabilitation of RCC and Steel Structures” from 22nd to 26th April 2024, organized by the Department of Civil Engineering, Chaitanya Bharathi Institute of Technology (Autonomous), Hyderabad, Telangana, India, gaining insights into advanced repair and rehabilitation techniques for reinforced concrete and steel structures. 12. Participated in the Workshop on Advances in Smart Air Sensing & Emerging Control Technologies on 3 July 2024, conducted by Prof. Manoranjan Sahu, Professor, Department of Energy Science and Engineering (ESED), Indian Institute of Technology Bombay, gaining insights into advanced smart air sensing technologies and emerging control strategies. 13. Attended a two-week Industrial Training on STAAD.PRO from 25 August–7 September 2025 at The National Small Industries Corporation Ltd. Technical Services Centre, Hyderabad, achieving good performance with an A1 grade in evaluation. 14. Participated in a five-day Faculty Development Program on "3rd Series of Advancements in Concrete Technology (AICT-2025)" held from 17–21 November 2025 in virtual mode at Ballari Institute of Technology & Management, Ballari, organized by the Department of Civil Engineering. 15. Participated in a five-day online Faculty Development Programme on “Emerging Research Trends in Civil Engineering” from 24–28 November 2025, jointly organized by the Department of Civil Engineering and Research and Development Cell, SRKR Engineering College (A), Bhimavaram, Andhra Pradesh. 16. Attended a 5-day Faculty Industrial Training on Repair & Rehabilitation of RC Structures from 08–12 July 2025 at NVLN Constructions Pvt. Ltd., Hyderabad, gaining hands-on insights on concrete jacketing, steel plate jacketing, FRP strengthening, bridge rehabilitation, and practical field techniques. 17. Attended a one-day workshop on “Advances in Fiber Reinforced Concrete with BFRP/GFRP Rebar Composites for Sustainable Environment–Climate Change” on 24th July 2025 at ESCI, Hyderabad, gaining insights on GFRP applications, mechanical behavior, and codal provisions in sustainable construction. 18. Served as Coordinator for the One Week National Level Online Faculty Development Programme on "Applications of Composites and Nano Fillers in Civil Engineering" held from 21–25 April 2025. 19. Served as Coordinator for the one-day workshop on “Construction, Real Estate, Infrastructure and Project (CRIP) and the Built Environment Sector” held on 5 February 2025 at Chaitanya Bharathi Institute of Technology, Hyderabad, organized by the Department of Civil Engineering in collaboration with the ICI Student Chapter. 20. Participated in the one-day learning event on “Role of Educational Institutions in Water Conservation, Waste Management & Chemical-Free Lifestyles” held on 11 March 2025 at WASSAN Office, Hyderabad, focusing on sustainable practices including waste audits, composting, office and home tours, and chemical-free alternatives
XXI	Details of Journal Publications/ Conferences (National and International)	
	International Journal	

1. G. Mallikarjuna Rao, T. D. Gunneswara Rao, “Final Setting Time and Compressive Strength of Fly ash and GGBS based Geopolymer Concrete”,The Arabian Journal for Science and Engineering (2015) 40:3067–3074, DOI 10.1007/s13369-015-1757-z.
2. G. Mallikarjuna Rao, T. D. Gunneswara Rao, Ramaseshu D, “Mix proportioning of geopolymer concrete”, Number 6 – November-December 2015. Cement Wapno Beton 2016.
3. G. Mallikarjuna Rao, M. Vinothini, T.D. Gunneswara Rao, Ramaseshu D, “Bond Strength Behaviour of Geopolymer Concrete”, Malaysian Journal of Civil Engineering 27(3):35-45 (2015).
4. T.D. Gunneswara Rao, P. Alfrite, G. Mallikarjuna Rao, “Fracture Parameters of Fly Ash and GGBS Based Geopolymer Concrete”, Applied Mechanics and Materials Vols 764- 765 (2015) pp 1090-1094.
5. G Venkatesh, G. Mallikarjuna Rao, T.D. Gunneswara Rao, “Effect of Na2SiO3/NaOH on compressive strength of fly ash and GGBS based geopolymer mortars”, International Journal of Engineering Research in Mechanical and Civil Engineering (IJERMCE), Vol 2, Issue 3, March 2017: ISSN (Online) 2456-1290.
6. G. Mallikarjuna Rao, T.D. Gunneswara Rao, “Effect of Fly ash and GGBS combination on mechanical and durability properties of GPC”, Advances in Concrete Construction, An International Journal, Volume 5, No. 4 (2017).
7. G. Mallikarjuna Rao, T.D Gunneswara Rao,“A Qunatitave method of approach in designing the mix proportions of Fly ash and GGBS based geopolymer concrete”, Australian journal for Civil Engineering, 2018, https://doi.org/10.1080/14488353.2018.1450716.
8. G. Mallikarjuna Rao, “Impact of bacillus subtilis on strength properties of different grades of concrete”. Jilin Daxue Xuebao (Gongxueban)/Journal of Jilin University (Engineering and Technology Edition), May 2022.DOI:10.17605/OSF.IO/Z2K5M.
9. G. Mallikarjuna Rao, “A Study on Partial Replacement of Cement by Aluminum Powder in Polypropylene Fiber Reinforced Concrete”. IOP Conference Series: Earth and Environmental Science”. DOI:10.1088/1755-1315/1086/1/012015.
10. G. Mallikarjuna Rao, “Analysis of Rheological Characteristic Studies of FlyAsh-Based Geopolymer Concrete.” Buildings, Buildings 2023, 13, 811.https://doi.org/10.3390/buildings1303081.
11. G. Mallikarjuna Rao “Artificial Neural Networks, A Tool for Predicting Compressive Strength of Recycled Aggregate Concrete”. IOP Conference series: Earth and Environmental Science – 1130 (2023)012016, DOI: 10.1088/1755-1315/1130/1/012016.
12. G. Mallikarjuna Rao “Optimization of fluid viscous damper Diagonal & Combined bracing arrangement in G+9 RCC structure.” IOP Conference series: Earth and Environmental Science. DOI: 10.1088/1755-1315/1086/1/012024.
13. G. Mallikarjuna Rao “Durability aspects of geopolymer mortor using Single Alkaline activator solution.” IOP Conference series: Earth and Environmental Science. DOI: 10.1088/1755-1315/982/1/012001.
14. G. Mallikarjuna Rao “Comparative study on Progressive collapse analysis of RC frame buildings subjected to wind and seismic loads.” IOP Conference series: Earth and Environmental Science. DOI: 10.1088/1755-1315/982/1/012071.
15. G. Mallikarjuna Rao “Study on mechanical characterization of geopolymer cement mortor with single solution and combined solution.” Journal of Xi’an University of Architecture & Technology. Pp. 481-487 Vol. XII ISSN No. 1006-7930 – 2020.
16. G. Mallikarjuna Rao “Strength and Durability Characteristics of GGBS Geopolymer Stabilized Black Cotton Soil.” Material today proceeding Vol No. 43. DOI: 10.1016/j.matpr.2021.01.939 – 2021.
17. Rao, G.M., Poloju, K.K., Al Ajmi, Z., Annadurai, S. & Hussain, A.N., 2025. Experimental study on acid resistance of geopolymer concrete incorporating fly ash and GGBS: Towards low-carbon and sustainable construction. *Buildings*, 15(21), p.4012.
18. Poloju, K.K., Annadurai, S., Rao, M., Baskar, P. & Elango, K.S., 2024. An experimental investigation on nano-enhanced tertiary blended concrete incorporating industrial wastes. *Journal of Environmental Nanotechnology*, 13(3), pp.289–296.
19. Venkatesh, C., Mallikarjuna, V., Rao, G.M., Patil, S.K., Kiran, B.N., Yashwanth, M.K., Prasad, C.V.S.R. & Devi, G.S.L., 2024. Synergistic effects of graphene oxide and limestone calcined clay cement on mechanical properties and durability of concrete. *Journal of Building Pathology and Rehabilitation*, 9(2), pp.1–14.
20. Choudhury, A.R., Singh, N., Lalwani, J., Rao, G.M.G., Konyala, B.P., Nadella, C., Nayakwadi, A. & Palani, S.G., 2024. A comparative assessment of biomethane potential of fresh fecal matter and fecal sludge and its correlation with malodor. Environmental Science and Pollution Research, 31(21), pp.1–13.
21. Rao, G.M., Sandhya, M., Rajeshwari, B.R., Vangari, M. & Aruna, E.R., 2023. Prediction of strength and fresh properties of steel fiber reinforced self-compacting concrete using artificial intelligence approach. *Nano World Journal*, 9(S4), pp.S470–S476.

International Conferences:

1. G. Mallikarjuna Rao, M. Venu, T.D. Gunneswara Rao, “Development of Geopolymer Concrete by Incorporating Fly ash and GGBS”, The International Conference on Environmentally Friendly Civil Engineering Construction and Materials (2013).
2. G. Mallikarjuna Rao, Alfrite, T.D. Gunneswara Rao, “Fracture Parameters of Fly Ash and GGBS based Geopolymer Concrete" International Conference on Applied Science and Engineering 2014 (ICASE2014).
3. G. Mallikarjuna Rao, T.D.Gunneswara Rao, A.Venkatesh, Ajay “Comparative studies on physical and mechanical properties of geopolymer mortar and cement mortar” UKIERI Concrete Congress” November 2015.

4. G. Mallikarjuna Rao, T.D.Gunneswara Rao, “Sulphuric acid and Nitric acid attack on Fly ash and GGBS based Geopolymer Concrete”, International Conference - Trends and Recent Advances in Civil Engineering (TRACE-2016) organized by Amity School of Engineering and Technology, Uttar Pradesh, India.
5. G. Mallikarjuna Rao, T.D.Gunneswara Rao, Ramaseshu D, “The Effect of Fly ashand GGBS based combination on Mechanical properties of Geopolymer Concrete”, International Conference on Advances in Construction Technology Materials and Construction Practices (CTMC - 2016).
6. G. Mallikarjuna Rao, T.D. Gunnesawara Rao, G. Venkatesh “Effect of Na2SiO3/NaOH on Compressive Strength of Fly ash and GGBS based Geopolymer Concrete”, International Confrence on Emerging Technology in Structural Engineering (ETSE- 2017) , 17th-18th March,2017, Nagpur.
7. G. Mallikarjuna Rao, T.D Gunneswara Rao, “Mechanical Properties of Fly ash and GGBS based Geopolymer Concrete”, International Confrence on Advanves in Concrete Structural and Geotechnical Engineering, Feburary 26-28, 2018, BITS PILANI.
8. G. Mallikarjuna Rao, “An Investigation of the Bio-Medical Waste Ash on Cement Mortar Bricks”. An International Conference on Advances in Materials, Mechanics & Manufacturing (IC4M 2023) (Accepted).

National Conferences

1. G. Mallikarjuna Rao, Ramaseshu D, Vinothini M, “Bond Strength of Geopoymer Concrete” National Conference on Recent Research Advances in Civil Engineering, 2014.
2. G. Mallikarjuna Rao, T.D. Gunneswara Rao, “Effect of Na2SiO3/NaOH onCompressive Strength of Fly ash and GGBS based Geopolymer Pastes”, National Conference – Modern Concretes – Driving Profit and Sustainability 2016.
3. G. Mallikarjuna Rao, T.D. Gunneswara Rao, “Effect of Na2SiO3/NaOH on Compressive Strength of Fly ash and GGBS based Geopolymer Concrete”, National Conference – Civil Engineering Conference-Innovation for Sustainability (CEC – 2016).
4. G. Mallikarjuna Rao, T.D. Gunneswara Rao, Ramaseshu D, M. Siva Nagi Reddy, “AStudy on Strength and Performance of Geopolymer Concrete subjected to Elevated Temperatures”, International Conference – Structural Engineering Convention (SEC – 2016).
5. G. Mallikarjuna Rao,Srujan R, K Sridhar Reddy “Effect of GGBS content on age of fly ash and GGBS based geopolymer Mortar”, National Conference –Recent innovations in civil Engineering (RICE-2017).

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