

- **PROFILE**

Mr.C.Vivek Kumar, Assistant Professor in Department of Civil Engineering joined at Gokaraju Rangaraju Institute of Engineering and Technology in December 2016. He has graduated from Masters in Structural Engineering in Karpagam University, Coimbatore in the year 2013.His research interests in Civil engineering are Self Curing Concrete , Self Compacting Concrete and Fibre Reinforced concrete. in the year of 2014. He did internship in area of “Surveying and Map generation of Sri Ramakrishna Mission Vidyalaya Polytechnic College , Coimbatore, Tamilnadu”.

He familiar in many software like SAP 2000, E-TABS, STAAD.Pro, Archi-CAD, Auto-CAD, Q-CAD.etc., He has been certified with Plumbing System Design by International Association of Plumbing and Mechanical officials (IAPMO, India) in the year 2014.His post-graduation work carried out in “Experimental Investigation on Self Compacting Concrete with partial replacement of Cement with Flyash.

He has attended Short Term Course in "Analysis and design of structures with application to ship and offshore structures" conducted by Indian Institute of Technology, IIT, Madras and Faculty Development Programme on Solid Mechanics conducted by Coimbatore Institute of Technology, Coimbatore.

He has successfully completed 2 Faculty development Programs during the academic year 2019-2020. He has successfully completed 22 COURSERA courses during the academic year 2019-2020. He has attended several courses like NPTEL online course of Advanced Concrete Technology, Successfully completed FDP (Faculty Development Programme) FDP101x and FDP102x conducted by IIIT BOMBAY in 2018 and also presented several papers in the international and national conferences across the country.

He has published Six Scopus Indexed Journals, three International Journals, six International papers and four national papers. He has been represented as Organizing Coordinator of various seminars and symposium held inside the college.

Recent Photo



Mr.C.Vivek Kumar, Assistant Professor

Contact:

Mr. C VIVEK KUMAR
Assistant Professor
Department of Civil Engineering
Gokaraju Rangaraju Institute of Engineering and Technology
Bachupally, Hyderabad-500090
TELANGANA
Email:vivekkumarcv@griet.ac.in
Ph:+91-9791426508

Curriculum Vitae**Education Details:**

- ♦ M.E(Structural Engineering) Karpagam University,Coimbatore from 2011-13.
- ♦ B.E (Civil Engineering) in Sri Ramakrishna Institute of Technology,Anna University, 2007-2010.
- ♦ DCE (Civil Engineering) in Sri Ramakrishna Mission Vidyalaya Polytechnic College, 2004-2007.

Experience

- ♦ Assistant Professor in Civil Engineering at Gokaraju Rangaraju Institute of Engineering and Technology Hyderabad from 28 Dec 2016 to till date.
- ♦ Assistant Professor in Civil Engineering at Malla Reddy Engineering College (AUTONOMOUS), Hyderabad (June 2016 – Sep 2016).
- ♦ Assistant Professor in Civil Engineering at Sri Ranganathar Institute of Engineering & Technology, Coimbatore (July 2015 – May 2016).
- ♦ Assistant Professor in Civil Engineering at Sri Ramakrishna Engineering College (AUTONOMOUS), Coimbatore (June 2010 – April 2015).

Other Academic Contributions:

- Department CII Coordinator
- Department Coursera Coordinator
- NAAC Criteria 3 In-charge
- Department Computer Lab In-charge

Major Career Interests:

To be involved extensively in Teaching, Consultancy and Research activities relevant to Industry and Society.

Research Interests:

Self Curing Concrete, Blended Concrete with Supplementary Cementitious Materials (SCM's)

Subjects Taught:

1. Advanced Structural Analysis
2. Engineering Mechanics
3. Highway Material Lab
4. Hydraulic and Hydraulic machinery Lab
5. Strength of Materials Lab
6. Computer Aided Drafting Lab

7. Model Testing Lab
8. Engineering Geology Laboratory
9. Computer application in Structural Engineering Lab

Journal Publications/Conference Proceedings:

International Journals	6 (Scopus) 3
National Journals	-
International Conferences	3
National Conferences	5
Total =	17

PROFESSIONAL PROGRAMS ATTENDED:

- AICTE sponsored short term course on “Analysis and design of structures with application to ships and offshore structures” organized by the department of Ocean Engineering, IIT Madras.
- AICTE Margadarshan FDP on Writing Papers and Research Methodologies, 7 May 2020 to 13 May 2020.
- Online Faculty Development Program on “RECENT ADVANCES IN CONCRETE TECHNOLOGY & SUSTAINABLE INFRASTRUCTURE”, organized by Gokaraju Rangaraju Institute of Engineering and Technology, Bachupally, Hyderabad, 21 – 23 May 2020.
- FDP on “Building Information Modeling (BIM)” in association of BIMgraFX integrated Pvt Ltd, held at GRIET from 30 Nov 2018 to 6 Dec 2018.
- FDP on Global Trends in Civil & Infrastructural Engineering (GTCIE-2020), 26 -30/05/2020
- Principles of RCC design up to and beyond Limit states, applications & Limitations of IS:456-2000” organized by National Institute of Technical Teaching Training & Research, Kolkata(Under MHRD) , Remote centre of GRIET, 16 Sep 2019 to 20 Sep 2019.
- Rural Development through Technical Institution 2019, organized by National Institute of Technical Teachers’ Training and Research, Kolkata, 29 July 2019 to 02 Aug 2019.
- Participated in Workshop on “Construction Errors and Their Remedies”, organized by department of Civil Engineering at Sri Ramakrishna Institute of Technology, Coimbatore, 12 Jan 2018.
- Participated in Faculty Development Programme on ENGINEERING GRAPHICS USING AUTOCAD, organized by Gokaraju Rangaraju Institute of Engineering and Technology, Bachupally, Hyderabad.
- Participated in One day seminar on Fast-track Construction Practices in Civil Engineering organized by Institution of Engineers, Hyderabad
- Participated in Two day workshop on POPULARIZATION OF GEO SPATIAL TECHNOLOGIES FOR THE BENEFIT OF ACADEMIA, organized by Gokaraju Rangaraju Institute of Engineering and Technology, Bachupally, Hyderabad.
- Participated in AICTE sponsored Faculty Development Programme on **Solid Mechanics** conducted by Coimbatore Institute of Technology, Coimbatore.

- Participated in AICTE sponsored Staff Development Programme on **Recent Advancements in Concrete** conducted by Sri Ramakrishna Institute Of Technology, Coimbatore.
- Participated in National Level One Day Workshop on **Sustainable Environment** conducted by Karpagam College of Engineering and Karpagam University.
- Won second place in State Level Technical Symposium conducted by The Seshasayee Institute of Technology, Trichy.

Publications

LIST OF PAPER PUBLICATIONS

JOURNALS:

❖ INTERNATIONAL:

1. Strength Behaviour of Blended Self Cured Concrete made with Cement by partial replacement of Supplementary Cementitious Materials (SCM's), C Vivek Kumar, Mohammed Aiman Parvez, T Srinivas, E3S Web of Conferences, 184 01100 (2020), DOI: 10.1051/e3sconf/202018401100, Published on 19 August 2020. **(SCOPUS)**
2. Behavior of Monotonic Loading for Glass Fibre based High Performance Concrete in External Beam-Column Joint using ANSYS. Analysis, C Vivek Kumar, Patam Manisha, Pooja Sadula, E3S Web of Conferences, 184 01088 (2020), DOI: 10.1051/e3sconf/202018401088, Published on 19 August 2020. **(SCOPUS)**
3. Forecasting of strength and durability properties of High-Performance Composites by Artificial Neural Networks (ANN), Magudeaswaran.P., Vivek Kumar C, Britto Jeyakumar M S, E3S Web of Conferences, 184 01103 (2020), DOI: 10.1051/e3sconf/202018401103, Published on 19 August 2020. **(SCOPUS)**
4. Prediction of strength and durability properties of HPC composites using Adaptive Neuro-fuzzy Inference System, Magudeaswaran.P, C. Vivek Kumar, Rathod Ravinder, E3S Web of Conferences. 184 01102 (2020), DOI: 10.1051/e3sconf/202018401102, Published on 19 August 2020. **(SCOPUS)**
5. Study on effect of strength and durability parameters and performance of Self Compacting Concrete replacement with GGBS at different dosages, A Vittalaih, Rathod Ravinder, C Vivek Kumar, E3S Web of Conferences, 184 01106 (2020), DOI: 10.1051/e3sconf/202018401106, Published on 19 August 2020. **(SCOPUS)**
6. Experimental Investigation on Design of Thickness for Flexible Pavement Subgrade Soils using CBR Approach, Y. Kamala Raju, C. Vivek Kumar, E3S Web of Conferences , 184 01087 (2020), DOI: 10.1051/e3sconf/202018401087, Published on 19 August 2020. **(SCOPUS)**
7. Vivek Kumar C, Mitta Rakesh, Dr.M.Palanisamy, Feasibility studies on Fibrous Self Curing Concrete Using Polypropylene Fibre International Conference on Emerging Trends in Engineering, Science and Technologies (ICETEST- 18) & Published in International Journal of Engineering Research in Mechanical and Civil Engineering (IJERMCE), ISSN (Online) 2456-1290 Volume.No.3 – Issue No.2 – Mar 2018, Page No: 138-143.
8. Vivek Kumar C, Siva Prakash, INVESTIGATION STUDY ON THE USE OF UREA-FORMALDEHYDE IN SELF HEALING CONCRETE International Conference on Innovative Research & Solutions (ICIRS) & Published in Journal of Innovative Research & Solutions (JIRAS), Print- ISSN: 2320 1932 / Online ISSN – 2348 3636 Volume.No.1 – Issue No.1 – Jan – Jun 2014, Page No: 237-244.
9. Vivek Kumar C, S. Sibiya , V Mythili, Significance of Traps and Vents on High rise Buildings Investigational Study on Significance of Traps & Vents in Designing a Plumbing System” in National Conference on Innovative Practices in Construction and Waste Management organized by Sri Ramakrishna Institute Of Technology,

Coimbatore. Published in International Journal of Innovative Research in Engineering & Management, Volume-3, Special Issue-1, April-2015, Page no: 135-139.

CONFERENCE PROCEEDINGS:

INTERNATIONAL:

- ❖ Presented a paper in International Conference on “**Civil Engineering Aspectss for Sustainability (IConCES 2020)**” conducted by Gokaraju Rangaraju Institute of Engineering and Technology, Bachupally, Hyderabad, 28th – 29th February, 2020
- ❖ Presented a paper in International Conference on “**Emerging Trends in Engineering, Science and Technologies (ICETEST- 18)**” conducted by Balaji Institute of Technology and Science, Warangal.
- ❖ Presented a paper in International Conference on “**Sustainable Practices in Civil Engineering (SPICE 2017)**” organized by KPR Institute of Engineering and Technology, Coimbatore.

❖ NATIONAL:

- ❖ Presented a paper in 2 day National Conference on “**Recent Innovations in Civil Engineering & Materials (RICEM-2019)**”, organized by Gokaraju Rangaraju Institute of Engineering and Technology, Bachupally, Hyderabad.
- ❖ Presented a paper in “**6th National Conference on water, Environment & Society (NCWES - 2019)**” conducted by Jawaharalal Nehru Technological Unicersity, Hyderabad, 5th -7th June 2019.
- ❖ Presented a paper in 2 day National Conference on “**Recent Innovations in Civil Engineering (RICE-2017)**”, organized by Gokaraju Rangaraju Institute of Engineering and Technology, Bachupally, Hyderabad.
- ❖ Presented a paper in National Conference on “**Innovative Practices in Construction & Waste Management**” conducted by Sri Ramakrishna Institute Of Technology, Coimbatore.
- ❖ Presented in National Conference on “**Recent Advances in Civil Engineering Research**” conducted by Karpagam University.