

Name of Faculty Mr.R.Swami Ranga Reddy
 Designation Assistant Professor
 Nature of Job/Appointment Regular
 Date of Joining 2-11-2016
 E-mail rsrangareddy_civil@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	Pursuing Doctor of Philosophy from IIT Hyderabad	Pursuing
PG	M. Tech(Structural Engineering)	First class with Distinction
UG	B.Tech(Civil Engineering)	First class with Distinction

Work Experience

Teaching	7 Years 2months
Research	02 year
Industry	--
Others	--

Area of Specialization Structural Engineering

Professional Memberships --

Responsibilities held at Institution Level

1. Worked as Eamcet Admission incharge from Civil Engineering department, in the academic year 2020-21
2. Worked as Eamcet Admission incharge from Civil Engineering department, in the academic year 2018-19

Responsibilities held at Department Level

1. Faculty In-charge for time tables 2021
2. Co-ordinator for SC/ST Cell 2021
3. R&D co-coordinator in the year 2020
4. Class teacher for final year students 2021
5. Member, for framing DSS-1 and DSS-2 syllabus
6. Faculty Incharge for Surveying Laboratory for academic year 2016-17,2017-18,2018-19
7. Class Teacher for B.E students for academic year 2016-17,2017-18,2018-19,2019-20
8. Faculty Co-Ordinator for Survey camp during academic year 2017-18 and 2018-19

Research Guidance --

Awards Received --

Courses Handled at Under Graduate / Post Graduate Level.

RCD-I,RCD-II, DSS-I,DSS-II, Strength of materials, Structural Analysis, Engineering Mechanics, Concrete Technology, Design of Tall Buildings, Earthquake Resistant Design of Structures, Advanced Reinforced Concrete Design, Soil mechanics and Foundation engineering, Transportation Engineering, Surveying lab

No. of Papers Published

National Journals – International Journals – 05
 National Conference – 01 International Conference – 04

Projects Carried out --

Patents --

Technology Transfer --

Invited Speaker

1. Guest Faculty - Department of Civil Engineering St.Marys Engineering College for the Course "Reinforced Concrete Design" in the year 2016

No. of Books/Chapter Published with details

Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops.Other Trainings (Attended and/or Organized).

1. Attended A Five Day Faculty Development Programme by Chaitanya Bharathi Institute of Technology from 26-11-2018 to 30-11-2018
2. Successfully Completed Training on "ArcGIS 2: Essential Workflows from 28-01-2019 to 30-01-2019

3. A One Week Work shop on "Development of Laboratory Instruction and Manual" by NITTR KOLKATA from 04-02-2019 to 08-02-2019
4. Organised One day training Programme on DGPS on 14-03-2019
5. Participated One Day webinor on "Earthquake Engineering & Technology" by Indian Society of Earthquake Technology Department of Earthquake Engineering Building Indian Institute of Technology Roorkee, Roorkee-247 667, India on 9-05-2020
6. Participated One Day webinor on "Performance Based – Seismic Design of structures" by Indian Society of Earthquake Technology Department of Earthquake Engineering Building Indian Institute of Technology Roorkee, Roorkee-247 667, India on 16-05-2020
7. Participated One Day webinor on "Relevance of Site effect on Earthquake Resistant Construction" by Indian Society of Earthquake Technology Department of Earthquake Engineering Building Indian Institute of Technology Roorkee, Roorkee-247 667, India on 23-05-2020
8. Participated One Day webinor on "Seismic Microzonation Studies in India" by Indian Society of Earthquake Technology Department of Earthquake Engineering Building Indian Institute of Technology Roorkee, Roorkee-247 667, India on 30-05-2020
9. Participated One Day webinor on "Seismic Performance of Retaining Walls" by Indian Society of Earthquake Technology Department of Earthquake Engineering Building Indian Institute of Technology Roorkee, Roorkee-247 667, India on 06-06-2020
10. A Virtual Seminar on "Quality Assurance in Online Teachinh Learning& Evaluation" Vellore Institute of Technology, India, on 19-05-2020
11. A One-Day "Faculty Awareness Programme on Outcome Based Education (OBE) and NBA Accreditation" organised by Sinhgad Institute of Technology and Science, Narhe,Pune on 13-5-2020.
12. One Day Faculty Programme on NBA by Bharati Vidyapeeth College Of Engineering, Navi Mumbai-400614.on 13-05-2020
13. Participated A Panel discussion On Research Innovation & Entrepreneuship Opportunities in COVID-19 Scenario"conducted by Pandi Deendayal Petroleum University" pune on 15-05-2019
14. A One-Week Faculty Development program on "Outcome Based Education and NBA Acreditation Process" by CBIT Hyderabd from 28-05-2020 to 01-06-2020
15. A One Faculty Development Program on "Performance of Engineering Structures Under Extreme loadings" by Department of Civil Engineering VBIT(A) Hyderabad during 8-06-2020 to 13-06-2020
16. A One day Webinor on "Advance in Remote Sensing" by Department of Civil Engineering MGIT Hyderabad From 09-06-2020
17. A One-Day Faculty Development Programme on "Outcome Based Education Software" by vmedulifesoftware services on 11-06-2020
18. A Three day FDP on "Research Challenges in Civil Engineering" by Department of Civil Engineering Anurag University Hyderabad From 12-06-2020 to 14-06-2020
19. A One Week Online Faculty Development Programme on "Advances in Building Designs: PreEngineered Design Methodology and Limit State Design Applications" organized by Civil Engineering Department, Velagapudi Ramakrishna Siddhartha Engineering College under AICTE-MARGDARSHAN Scheme from 17th –21st June2020.
20. TEQIP-3 sponsored One-Week Online Faculty Development Program on "Advances in Modelling of Hydrological Extreme Events" (AMHEE2020) organized by the Department of Civil Engineering, B.M.S. College of

- Engineering, Bengaluru, held from 22nd to 26th June 2020.
21. Participated One Day webinar on “Supplimental Damping and Energy Dissipation Devices” by Indian Society of Earthquake Technology Department of Earthquake Engineering Building Indian Institute of Technology Roorkee, Roorkee-247 667, India on 20-06-2020
 22. A One-Week Faculty Development program on Remote sensing applications and current trends in machine learning conducted by Dr. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE (Deemed to be University) - Madur.woyal, Chennai • 600 09S. Tamilnadu from June 22 -June 29, 2020
 23. A One Day Webinar “Publishing Research Articles in Scopus indexed Journals” by School of management studies Chaitanya Bharathi Institute of Technology from 24-06-2020
 24. Role of Online Teaching Pedagogy and ICT tools in Outcome Based Education by Department of Civil Engineering KKR&KSR Institute of Technology, Powered by vmedulife Pune on 25-06-2020
 25. A Three day FDP on “Pavement Design Construction and Rehabilitation” by Department of Civil Engineering VBIT(A) Hyderabad during 25-06-2020 to 27-06-2020
 26. Participated in Online Workshop on “Social Responsibility and Community Engagement conducted” by Chaitanya Bharathi Institute of Technology conducted on 17th June 2020.
 27. Participated One Day webinar on “Earthquake Warning System:Its Relevance for India” by Indian Society of Earthquake Technology Department of Earthquake Engineering Building Indian Institute of Technology Roorkee, Roorkee-247 667, India on 27-06-2020
 28. A One Day National Workshop On “Innovation and Intellectual Property Rights Filling” by NIT Jalandhar on 01-07-2020
 29. A One Week Short Term Training Programme on “Recent Advances in Forensic Analysis of Sub and Super Structure” organized by Civil Engineering Department, Velagapudi Ramakrishna Siddhartha Engineering College under AICTE-MARGDARSHAN Scheme from 29-06-2020 to 4-07-2020
 30. A Five Day Online Refresher Course on “Bharateeya Chaitanyam” by Geervana Bharathi of Chaitanya Samskruthi CBIT Hyderabad from 29-06-2020 to 5-07-2020
 31. A Five Day Online Faculty Development Programme on “Recent Trends and Research Scope in Civil Engineering” by Department of Civil Engineering Chaitanya Bharathi Institute of Technology from 6-07-2020 to 10-07-2020
 32. A Five Day Online Faculty Development Programme on “Recent Trends and Research Scope in Civil Engineering” by Department of Civil Engineering Chaitanya Bharathi Institute of Technology from 6-07-2020 to 10-07-2020
 33. A Five Day Online Faculty Development Programme on “Trends in Transportation” by Department of Civil Engineering Gayatri Vidya Parishad college for Degree &PG courses Visakapatnam from 6-07-2020 to 10-07-2020

Details of Journal Publications/
Conferences **(National and International)**

International Journal

1. “Experimental Study on Flyash based geopolymer concrete” Pensee internation journal 2021 ISSN: 0031-4773 Volume 51, Issue5 2021.
2. “Modeling and Analysis Of Reinforced Concrete Beam Without Transverse Reinforcement And Strengthened With CFRP Lamellas: A parametric Study”
SSRG International Journal of Civil Engineering (SSRG-IJCE) – Volume 7 Issue 7 – July 2020
- 3.“An Experimental Study on Partial Replacement of Cement by Various Percentages of Phosphogypsm in CementConcrete” International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8, Issue-6S3, April 2019

4. Progressive Collapse Analysis of RC Structure Using Push over Analysis International Journal of Recent Technology and Engineering (IJRTE)ISSN: 2277-3878, Volume-X, Issue-X, July 2019
5. MIX DESIGN FOR FLYASH BASED GEOPOLYMER CONCRETE Vol11, Issue6, JUNE/2020 ISSN NO:0377-9254 Journal of Engineering Sciences

International /National Conferences

1. "Experimental study on mechanical and durability properties of recycled aggregate based geopolymer concrete" 1st International Conference on Sustainable Approach for Resilient Infrastructure 2021 (IC SAFRI), CBIT, Hyderabad
2. "An Experimental study on durability of pervious concrete" 3rd International Conference on "Advances in Civil Engineering(ICACE-2021) KLUUniversity Guntur. A.P
3. " Experimental study on self curing concrete containing GGBS as supplementary cementitious material" sustainable materials and management systems in civil engineering(NCS2MCE-2016)
4. An Experimental Study on Partial Replacement of Cement by Various Percentages of Phosphogypsum in CementConcrete" 4th International Conference on Recent Challenges in Engineering and Technology (ICRCET-18)
5. Mix design for flyash based geopolymer concrete 4th International Conference on Recent Challenges in Engineering and Technology (ICRCET-18)