

## CURRICULUM VITAE



Dr.P.SamathaChowdary  
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### Research Gate ID:

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## PROFILE

- Graduated ( B.Tech, CE) from RVR& JC College of Engineering,Guntur in2003
- Master of Engineering (Transportation Engineering and Management) JNTU University, in2005.
- Ph.D from Acharya Nagarjuna University(Low Cost Solutions to Problematic Subgrades of Rural Roads by Utilization of Locally Available Waste Materials), Guntur, June 2020
- Worked as a lecturer, Assistant Professor at the department of CE, RVR & JC College of Engineering, since2010.

## RESEARCH & SPONSORED GRANTS

- Received Industrial grant of Rs.3, 00,000 towards research proposal on “Condition Assessment of existing road network in rural area of Amaravati region constructed on expansive soil” on 24.03.2020 from Design Tribe (India) Pvt Ltd, Hyderabad - 500 084

## PROFESSIONAL SOCIETIES

- ☞ Member Indian Geotechnical Society, New Delhi.

## ADMINISTRATIVE EXPERIENCE

- Member Literary and Cultural Committee since 2012 at RVR & JC College of Engineering
- Member newsletter committee from 2012-2018at RVR & JC College of Engineering

## FACULTY DEVELOPMENT PROGRAMMES

- ✓ Attended Workshop on Green Infrastructure Projects on 7.04.2012 conducted by Indian Geotechnical Society (IGS) - Guntur Chapter.
- ✓ Attended one day workshop YGeoTech-2012 (1st Young Geotechnical Conference of A.P) on 31 March 2012 Organized by Indian geotechnical society Hyderabad chapter in association with IIIT Hyderabad.
- ✓ Attended National Workshop on "Nano Technology- A fuel for chemical Industry (NTFC)" organized by R.V.R & J.C College of Engineering, Chowdavarm , Guntur , during 20-21 September 2013
- ✓ Attended a 5 day workshop on "Pavement evaluation techniques and their application for maintenance and rehabilitation" organized by Central Road Research Institute CRRI, New Delhi during 24th to 28th November 2014.
- ✓ Attended a two day workshop on "Computational Mechanics" at RVR&JC College of Engineering during 15th and 16th July 2014 organized by Department of civil and mechanical Engineering, R.V.R.&J.C college of engineering, Chowdavaram ,Guntur
- ✓ Attended a five day FDP on 'Effective Teaching and Learning of Flexible Pavement Design' organized by National Institute of Technology, Warangal during 17 -21 Jan. 2018.
- ✓ Attended AICTE sponsored six-day STTP "Advances in Construction and Project Management" M. S Department of Civil Engineering, Chandubhai S. Patel Institute of Technology, Charotar University of Science and Technology (CHARUSAT), Changa, Gujarat, Oct 26 -31, 2020.

## RESEARCH PAPERS PUBLISHED (JOURNALS/CONFERENCES)

### International Journals

- **P.SamathaChowadry**, J.Ushakranti, P.Ch. Sanjeeva Rao Professor, "Cost Benefit analysis of an Eco-Friendly Auditorium over a Normal Auditorium" in IJERST [Kumar, 2 (8) September 2013, PP.2393-2399].
- **SamathaChowdary**, Rama Rao, " Effect of Different curing period on cement, lime stabilized expansive soil using rice husk ash and stone dust as additives" International Journal of Recent Scientific Research, Vol.8, Issue:12, pp.22508-22511, December 2017, Received in September 2017 and published in December 2017.
- **SamathaPonduri**, M.Rama Rao, "Cost benefit analysis of flexible and rigid pavements of rural roads using rice husk ash as stone dust as additives" International Journal of Engineering and Technology (UAE), 7(4), (2018), pp.6252-6265, Scopus Indexed, , Science publishing corporation.
- **P.SamathaChowdary**, M.Rama Rao, "Macro and Micro Level Investigation of strength enhancement of expansive soil stabilized with lime and cement using stone dust as additives", International Journal of Recent Technology and Engineering (IJRTE), Volume-7, Issue-6, April 2019, pp:692-699. Scopus Indexed, Retrieval Number:F11280476C219/19

### International Conference

- M.Ramarao, **P.SamathaChowdary**, published a paper on 'Influence of Curing Period on Cement-Stabilized Expansive Soil using Rice Husk Ash and Stone Dust as Additives.' at a two day International Conference on Advances in Civil Engineering and Sustainable Construction organized by SRM University, Chennai during March 30 - I April 2016 with pp.834-840, ISSN 978-2-35158-161-2.

## National Conference

- **Mrs. P.SamathaChowdary** presented a paper titled "Rice husk ash as an expansive soil stabilization material" in one day workshop YGeoTech-2012 (1st Young Geotechnical Conference of A.P) on 31 March 2012 Organized by Indian geotechnical society Hyderabad chapter in association with IIIT Hyderabad.
- **P. SamathaChowdary** , Dr. M. Rama Rao, "CBR Studies on Expansive soil using stabilized Rice husk ash cushion" Proceedings of the national conference on new trends in Civil Engineering and Earth sciences organized by department of Civil Engineering, 5th and 6th February 2013,Vasavi college of engineering ,Hyderabad. Vol. 1, PP: 452-458.
- M.RamaRao and **P.SamathaChowdary** Published a paper on "Swell-Shrink Behaviour of Expansive Solis" under Lime-Stabilized Fly ash cushions" in National seminar on fly ash in geotechnical structures conducted by IGS, ODHISA at Bhubaneswar during 8th to 9th November 2013.PP:164-168.
- Dr. M. RamaRao, **P.SamathaChowdary** , paper on 'Strength Studies on Cement Stabilized Expansive Soil using Rice Husk Ash as an Additive' at a two day National Conference- NCQACE, organized by SRM University, during 19-20, March 2015.
- Prof M.Rama Rao , **P.SamathaChowdary** , Published and presented a paper on "Influence of Curing Period on Lime-Stabilized Expansive Soil using Rice Husk Ash and Stone Dust as Additives" at Indian geotechnical conference organized by Indian Geotechnical society during 17th-19th December 2015.PP:77-79.
- Professor M.Rama Rao, **P.SamathaChowdary** , presented a paper on 'Durability studies on Lime-Stabilized expansive soils using Rice husk ash and Stone dust as Additives' in IGC 2016 (Geotechnology through global standards) organized by IIT Madras during 15-17 December, 2016, and the same was published with pp.98 in souvenir of abstracts of invited and accepted papers.