



BIO-DATA

1. Name (in Block letters) : **Dr. S. KRISHNAIAH**
2. Designation : Professor & Registrar
3. College in which working : JNTU Anantapur,
Ananthapuramu,
A.P.- 515 002
4. Date of Birth : 15-07-1965
- Nationality & Religion : Indian, Hindu
5. Educational Qualifications : **M. E., Ph. D**

Degree	Class / Division	University	Year of Passing
Bachelor Degree B. Tech. (Civil Engg.)	I st Class	S V University, Tirupati	1989
Post Graduate Course M.E., (Foundation Engg.)	I st Class with Distinction	Goa University, Goa	1993
Ph.D., (Geotechnical Engg.)		I.I.T., Bombay	2003

6. Memberships : FIE, MISTE, MIGS, CE
7. Date of first appointment and cadre : 21-09-1994* (Lecturer in Civil
Engineering, presently designated as
Asst. Professor)

* Earlier served as Adhoc Lecturer in Civil Engineering for about 1 year at JNTU College of Engineering, Kakinada

8. Service in different cadres :

Cadre	Service	
	From	To
Assistant Professor (Lecturer)	21-09-1994	20-09-2003
Associate Professor (Reader)	21-09-2003	31-01-2011
Professor	01-02-2011	Till date

I/C HOD	December 2007	December 2008
Head of Civil Engg. Dept.	January 2009	March 2011
OSD to JNTUA Kalikiri	13-03-2013	25-07-2013
Principal to JNTUA College of Engineering, Kalikiri	25-07-2013	12-11-2014
Registrar, JNTU Anantapur	13-11-2014	Till date

9. List of Publications:

Publications	Research Papers
International	
i) Journals	21
ii) Conferences	08
National	
i) Journals	08
ii) Conferences	12
Total	49

List of Publications

International Journals

1. Krishnaiah, S. and Singh, D.N. (2003). "A Methodology to Determine Soil Moisture Movement Due to Thermal Gradients", Experimental Thermal and fluid Science, Vol.27, pp:715-721
2. Krishnaiah, S. and Singh, D.N. (2003). "Determination of Influence of Various parameters on Thermal Properties of soils", International Communications in Heat and Mass Transfer, Vol.30, No.6., pp:861-870
3. Krishnaiah, S. and Singh, D.N. (2004). "A Device for Determination of Soil Thermal Properties of soils", Journal of Testing and Evaluation, ASTM, Vol. 32, No.2, pp: 114-119

4. Krishnaiah, S. and Singh, D.N. Jadhav, G.N. (2004). "A methodology for determining thermal properties of rocks", Int. Journal of Rock Mechanics and Mining Sciences, Vol. 41, pp: 877-882.
5. Krishnaiah, S. and Singh, D.N. (2004). "Centrifuge modeling of heat migration in soils", International Journal of Physical Modelling in Geotechnics, Vol.4, No.3, pp: 39-47
6. Krishnaiah, S. and Singh, D.N. (2006). "Determination of Thermal Properties of Some supplementary cement material Used in Cement and Concrete", Construction and building materials, Vol.20, Issue3, pp:193-198
7. Krishnaiah, S. and Singh, D.N. (2006). "Determination of Thermal Properties of Soils in a Geotechnical Centrifuge", Journal of Testing and Evaluation, ASTM, Vol.34, No. 4, pp: 319-326
8. Suryanarayana, K.V., Murthy Rao, V. K., Krishnaiah, S. (2010). "Hydrological Dry Spells and its Impact on Dry Land Agriculture in Anantapur District(A.P)", International Journal of Environment and Development, Vol.7, No.1, pp: 35-45
9. Suryanarayana, K.V., Krishnaiah, S., Murthy Rao, V. K., (2010). "Statistical Modeling of Rainfall, ground water Table rise and Area Irrigated in Anantapur District, Andhra Pradesh State, India", International Journal of Environmental Engineering and Management, Vol.1, No.1, pp: 33-38
10. Suryanarayana, K.V., Krishnaiah, S., Murthy Rao, V. K., (2011). "Hydro Geological Investigations and Ground water Utilization for Irrigation in Anantapur District (A.P)", Research Journal of Engineering and Technology, Vol.4, Issue 1, pp: 14-17
11. Balaji Reddy, B., Krishnaiah, S., (2013). "Non Verbal Communication Cues: an Urgent Required Skill for Achieving Effective Communication", Int. J. of Scientific Research (IJSR), Vol. 2, Issue: 11, Nov. 2013, pp: 212-213
12. Balaji Reddy, B., Krishnaiah, S., (2013). "Know how to overcome the barriers and achieve the effectiveness of Communication", Int. Multidisciplinary e- Journal, Vol. II, Issue-XI, Nov. 2013, pp: 28-31
13. Ramachandra Prasad, V., Abdul Gaffar, S., Keshava Reddy, E., Anwar Beg, O., Krishnaiah, S. (2013). "A Mathematical Study for Laminar Boundary-Layer Flow, Heat, and Mass Transfer of a Jeffrey Non-Newtonian Fluid Past a Vertical Porous Plate," Heat transfer – Asian Research, © 2013 Wiley Periodicals, Inc., pp. 1-22
14. Venkata Ramayya, V., Vinayaka Rao, V.R., Krishnaiah, S. (2014). "Indigenous development and testing of rotational viscometer for bituminous binders", Int. Journal of Civil and Structural Engineering, Vol. 4, No. 3, pp: 286-294

15. Venkata Ramaiah, G., Krishnaiah, S., Naik, M., Shankara., (2014). “Leachate Characterization and Assessment of Ground Water Pollution near MSW Dumpsite of Mavallipura, Bangalore,”*Int. J. of Engineering Research and Applications*, Vol.4, Issue 1, January 2014, pp. 267-271
16. Ramesh, N., Krishnaiah, S (2014). “Water Quality Assessment of Bellandur Lake in Bangalore City, Kalrnataka, India”, *Int. J. of Engg. Research & Technology (IJERT)*, Vol.3, Issue 3 (March 2014), pp: 270-274.
17. Ramesh, N., Krishnaiah, S (2014). “Assessment of Physico- Chemical Parameters of Bellandur Lake, Bangalore, India”, *Int. J. of Innovative Research in Science, Engg. And Technology (IJIRSET)*, Vol.3, Issue 3 (March 2014), pp: 10402-10407.
18. Bhanuprakasham Reddy, N., Krishnaiah, S., and Ramakrishna Reddy, M. (2014). “Efficiency and Transmission of Power Through Porous Media with Convergent Boundaries”, *Int. J. of Emerging Technologies and Applications in Engineering, Technology and Sciences (IJ-ETA-ETS)*, Vol. 7, Issue 1(Jan’14-June, 14), pp: 35-39.
19. Balaji Reddy, B., Krishnaiah, S., (2014). “The Role of Teacher in English Language Communication Skills Laboratory”,*Int. J. of Scientific Research (IJSR)*, Vol. 3, Issue: 9, Sept. 2014, pp: 145-146.
20. Ramesh, N., Krishnaiah, S (2015). “Assessment of characteristics of Urban area soil around Bellandur Lake, Bangalore, Karnataka, India”, *Int. Journal of Engineering Research and General Science (IJERGS)*; Volume 3, Issue 3, Part – 2, May - June 2015 ; PP: 332 – 336
21. Giri Babu, S.V., Krishnaiah, S (2018). “Manufacturing of Eco-friendly brick: A critical Review”, *Int. J. of Computational Engineering Research(IJCER)*; Vol.08, Issue 2, Feb. 2018, pp: 24-32

National Journals

1. Suryanarayana, K.V., Krishnaiah, S., Murthy Rao, V. K. (2011). “ Geo-Hydrological Investigations and Impact of water Harvesting Structures on Ground Water Potential in Anantapur District, Andhra Pradesh State, India”, *National Journal of Environmenetal Science & Engineering*, Accepted for publication
2. Suryanarayana, K.V., Krishnaiah, S., Murthy Rao, V. K., Balaji, K (2012). “ Meteorological Investigations and Impact of rainfall, Wet Days and Dry Days on the

Yield of Rainfed Groundnut Crop in Anantapur District, Andhrapradesh”, Global Journal of Applied Agricultural Research, Vol. 2, No. 2, pp: 63-70

3. Ramesh, N., Krishnaiah, S (2013). “Scenario of Water Bodies (lakes) in Urban areas- A case study on Bellandur lake of Bangalore Metropolitan City”, IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE), Vol.7, Issue 3 (Jul-Aug. 2013), pp: 06-14.
4. Bhanuprakasham Reddy, N., Krishnaiah, S., and Ramakrishna Reddy, M. (2014). “Convergent Angle Effect on Non- Uniform Flow Through Porous Media”, J. of Information, Knowledge and Research in Civil Engineering, Vol. 3, Issue 1(Nov’13 to Oct, 14), pp: 152-159.
5. Bhanuprakasham Reddy, N., Krishnaiah, S., and Ramakrishna Reddy, M. (2014). “Effect of Convergent Angle on Non- Uniform Flow Through Porous Media”, ISH Journal of Hydraulic Engineering, 21(1), pp: 53-64
6. Bhanuprakasham Reddy, N., Krishnaiah, S., and Ramakrishna Reddy, M. (2015). “Effect of Angle of Inclination on Non-uniform flow Through Porous Media”, “J. of Porous Media, 18(9), pp: 1-14
7. Bhanuprakasham Reddy, N., Krishnaiah, S., and Ramakrishna Reddy, M. (2015). “Effect of Convergent and Divergent Boundaries on Flow Resistance Through Porous media”, J. of Institution of Engineers (India): Series A, 96(4), pp: 301-309
8. Bhanuprakasham Reddy, N., Krishnaiah, S., and Ramakrishna Reddy, M. (2016). “Bed Slope Effect on Non-uniform Flow Through Porous Media”, J. of Institution of Engineers (India): Series A, DOI 10.1007/s40030-016-0167-x, Aug. 2016

International Conferences

1. Krishnaiah, S. and Singh, D.N.(2001). “Influence of Physical Characteristics of the fly ash on its thermal properties”, Proc.of Int. Conf. on Industrial Pollution and Control technologies (ICIPACT-2001), 7-10 Dec., JNTU Hyderabad, pp: 518-521.
2. Krishnaiah, S. and Singh, D.N.(2003). “Laboratory Investigations on Heat and Mass Transfer Through the soil mass”, Proc. of the Int. Symposium on Lowland Technology, Saga University, Japan, Sept. 2002, pp: 63-66.
3. Krishnaiah, S. and Singh, D.N.(2003). “Centrifuge Modeling of Heat and Mass Transfer Through Soils”, 12th ARC, Singapore, Aug. 2003, pp: 393-396.

4. Krishnaiah, S. and Karmarkar, R.S.(2004). “Shear strength of lateritic gravelly soils”, Int.e_conference on modern trends in Foundation Engg.: Geotechnical challenges and solutions, January 26-30, 2004, IITM, Chennai, pp: 7.6(6 pages)
5. Krishnaiah, S. and Singh, D.N.(2004). “A methodology to determine thermal properties of cement and concrete blocks”, Int. Conf. on Advances in concrete and construction, 16-18 Dec 2004, Hyderabad, pp:785-789
6. Krishnaiah, S. and Singh, D.N.(2008). “Thermal behaviour of fly ashes used in cement and concrete ”, Int. Conf. on Advances in concrete and construction, 07-09 Feb 2008, Hyderabad, pp: 289-302
7. Krishnaiah, S. and Suryanarayana Reddy, P. (2008).” Effect of clay on soil cement blocks”, 12th Int. Conf. of IACMAG, Goa, during,1-6 October 2008.
8. Venkat Ramayya, V., Vinayaka Rao, V.R., and Krishnaiah, S. “ Indigeneous Development of Dynamic Shear Asphalt Rheometer”, Int. Conference on Advances in Materials and Technologies for Infrastructure Development, 20-30 Sept 2011, NIT Calicut

National Conferences:

1. Krishnaiah, S., Chakravarthy, M.K., Singh, D.N., Naidu, A.D.(2001). “Modeling of Heat Migration Through Geomaterials”, IGC 2001, Indore, 14-16 Dec 2001, pp: 16-17
2. Krishnaiah, S., Swami, B.L.P., Narasimha Reddy, N. (1998). “Studies on Light weight Fibrous Concretes for Optimum Properties”, National Seminar on Advances in Special concretes, ICI, Bangalore, 23-24 Jan, 1998, pp: 182-191
3. Krishnaiah, S., Swami, B.L.P., Narasimha Reddy, N. (1998). “Behaviour of Admixture Fly Ash concretes After Retempering”, National Seminar on Advances in Special concretes, ICI, Bangalore, 23-24 Jan, 1998, pp: 97-109
4. Krishnaiah, S., Viswanadham, B.V.S. (2000). “Appropriate Land filling of Municipal Solid Waste”, Proc. Of the National seminar on Bio-Medical & Solid Waste Management, VJTI, Mumbai, Jan 15-16, 2000, pp:13-21
5. Krishnaiah, S. and Singh, D.N. (2002). “Thermal Response of Fly Ash”, Proc. Of the National Conf. MINAC 2002, JNTU Anantapur, 2002, pp: 255-258
6. Krishnaiah, S., Sathyanarayana, S.V. and Narasimhulu, G.(2000). “Mechanical Behaviour of MSW Landfills”, Proc. Of the National Conf. MINAC 2000, JNTU Anantapur, 2000, pp: 205-208

7. Krishnaiah, S. and Singh, D.N. (2004). “Modeling of heat migration in sands”, IGC-2004, Dec 18-20 Warangal, pp: 249-252
8. Krishnaiah, S., Pujitha, A., Niriha, K. and Silpa Devi, P. (2006). “Stabilization of BC soil with quarry waste for use in highway sub bases”, National Conference on Civil Engineering systems 2006, June 1-3, 2006, pp: 106-115
9. Krishnaiah, S., Laxma rao, K. and B.N.V.Kiran Kumar. (2006). “Physical and Engineering properties of BC soil dried under extremely high temperatures”, National Conference on Corrective Engineering practices in Troublesome soils, Kakinada, 8-9 July, 2006, pp: 49-50
10. Krishnaiah, S. and Sashidhar Reddy, G.(2007). “Geotechnical Investigations for the construction of Chagallu Barrage in Anantapur District- A Case Study,” National seminar on Case studies Engineering soils, JNTU CE Kakinada , 2nd Oct.2007
11. Manjunath, A., Satya Sai, K.V.R., **Krishnaiah, S.**, and Abbaiah, G. (2013), “ Studies on Land Use and Water Resources Management in Pandameru River Sub-basin of Penna River of AP in India”, National Conference on “ New Trends in Civil Engineering & Earth Sciences (NTCE 2013), Vasavi College of Engineering, Hyderabad, 5-6 February 2013, pp: 93-97
12. Bhanuprakasham Reddy, N., Krishnaiah, S., and Ramakrishna Reddy, M. (2014). “Efficiency and Transmission of Power Through Porous Media with Convergent Boundaries”, a paper presented in the National Conference on Analysis, Design & Research in Engineering, Technology & Sciences held on 18/05/2014 at Kalol Institute of Technology & Research Kalol (N.G.) 382 721 Gujarat, India

Number of Workshops/ Guest Lectures attended:

S.No.	Name of the Course	Name of the Institute and Place	Duration of the course
1	Operations Research	J.N.T.U.College of Engg., Anantapur	8-3-1995 to 6-4-1995
2	Soil and Water Investigation and Foundation Techniques	J.N.T.U.College of Engg., Kakinada	29-11-95 to 02-12-95
3	Fibre Reinforced Concrete Theory, Properties and Applications	J.N.T.U.College of Engg., Anantapur	8-4-1996 to 15-4-1996
4	Engineering of Ground	I I T Kanpur	12-5-1997 to 17-5-1997
5	Ground Improvement Technology	Bengal Engg. College, Howrah	12-7-1997 to 25-7-1997

6	Marine Geotechnology	S.V.U.College of Engg., Tirupati	21-7-1997 to 26-7-1997
7	Programming in C++ and Data Structures	J.N.T.U.College of Engg., Anantapur	31-12-1997 to 29-01-1998
8	Foundations on Weak Deposit	I I T Madras, Chennai	21-12-1998 to 25-12-1998
9	Numerical Methods with C for Scientists & Engineers	J.N.T.U.College of Engg., Anantapur	26-3-1999 to 24-4-1999
10	Recent Trends in Ground Improvement Techniques	I I T Bombay, Mumbai	27-12-1999 to 31-12-1999
11	Engineering Applications of Finite Element Analysis Using ANSYS	J.N.T.U.College of Engg., Anantapur	27-02-2006 to 11-3-2006
12	International Course on Computational Geotechnics using Plaxis Software	I I T Madras, Chennai	21-23 February 2007
13	Management Capacity Development Training Programme for Principals, Deans, HOD's, SPFU Heads & Nodel Officers of Technical Institutes	MDI Gurgaon	9-14 February 2009
14	Ground Improvement techniques, GIT-2007	JNTUACE, Anantapur	25 th July, 2007

Field of interest:

- Geoenvironmental Engineering, Ground Improvement Techniques, Heat migration through geomaterials, Expansive soils

Number of research scholars guided:

Degree	No. of Scholars obtained degrees	No. of Scholars submitted Ph. D Thesis's for evaluation	No. of Scholars yet to submit thesis
Ph. D.	04	-	08

ADDITIONAL REMARKS:

- Presently working as Registrar, JNTU Anantapur since November 2014
- Worked as Founder Principal to JNTUA College of Engineering from 25-07-2013 to 12-11-2014
- Worked as OSD to JNTUA CE Kalikiri from 13-03-2013 to 24-07-2013

- Acted as BOS Chairman for UG Courses at JNTUA Anantapur for 3 years
- BOS member for PG Courses at JNTUA Anantapur
- Coordinator for AICTE project, Modernization of Geotechnical Engineering lab
- Acted as **Head of Civil Engineering Department for 2 years from 2009 to 2011**
- Acted as **ICS Coordinator for 4 years**
- Actively involved in the consultancy works
- Coordinator for National level Student Symposium on “**Advances in Civil Engineering (ACE-2006)**” conducted on 1st March 2006
- Coordinator for Workshop on “**Effective Governance through Institutional Leadership**” held on 28-29 April 2006
- Coordinator for Workshop on “**Ground Improvement Techniques**” held on 25th July 2007
- Chairman for National level student symposiums RACE-2008, RACE-2009 and RACE-2010
- Chairman for National Conference on “**Recent Advances in Structural Engineering, RASE- 2008**” held on 4th April 2008
- Chairman for Workshop on “**Application of Artificial Neural Net works in Civil Engineering**” held on 16th Feb.2008
- Coordinator for the Services to the Community Programme on “**Mason Training programme for unemployed youth**” conducted in association with the Ultratech Cement Ltd during, 8-12 January 2008
- Coordinator for the Services to the Community Programme on “**Training for Head Masons**” conducted in association with the Zuari Cement Ltd on 23rd march 2008
- Chairman for the Services to the Community Programme on “**Surveying and Concrete Technology –Hand On Experience**” conducted during **17th Dec 2007 to 10th Jan 2008**
- Arranged several expert lectures in the Department of Civil Engineering by bringing several eminent Professors
- Chaired a session for **National Conference on Civil Engineering systems 2006** held at OU Hyderabad
- Chaired a postal session for **12th Int. Conf. of IACMAG** held at Goa



(Dr. S. KRISHNAIAH)
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