CURRICULUM VITAE

SANAGA SRINIVASULU
Professor of Civil Engineering
JNTUH College of Engineering,
Jawaharlal Nehru Technological University, Hyderabad,
Kukatpally, Hyderabad,
Email: ss_lu@yahoo.com,sanagas@gmail.com
Ph: +91-9441718112

1. EDUCATIONAL QUALIFICATION

- Ph.D. (Civil Engg.), January 2004, IIT Kanpur, India,
- M.Tech (Water Resources) December 1992,from JNT University Hyderabad
- B.E(Civil Engineering) May 1989 from SRKR Engineering College, Andhra University, AP

2. PROFESSIONAL EXPERIENCE

- Jan 2011 - Present: Professor, Department of Civil Engineering, JNTUH College of Engineering., Kukatpally, Hyderabad
- April 2012 – September 2012& Dec 2015 – Present,. Foreign Researcher (Guest Professor), Institute of Lowland and Marine Research (ILMR), Saga University, Japan.
- Nov 2006- Dec 2010: Associate Professor, Department of Civil Engineering. JNTUH College of Engineering, Kukatpally, Hyderabad
- May 2004 – Oct 2006: Associate Professor, Centre for Spatial Information Technology (CSIT), IST, JNT University Hyderabad, Kukatpally, Hyderabad
- Dec 1999 – April 2004 : Asst Professor, Centre for Spatial Information Technology (CSIT), IST, JNT University Hyderabad, Kukatpally, Hyderabad
- Sep 1994– Nov 1999 : Asst Professor, Department of Civil Engineering, JNTUK College of Engineering, Kakinada, AP.

3. SPECILIZATION AND EXPERTIZE

- Specialized in Hydraulics and Water Resources and Expertise in Rainfall-Runoff Modelling, Surface Hydrology, Neural Networks and Genetic Algorithms, Image processing and GIS applications

4. AWARDS & DISTINCTIONS

- Foreign Researcher (A Guest Professor), Saga University, Japan from December 1, 2015 to June2016&April1, 2012 to September 30, 2012.
- Delivered Expert lecture at ASIAN Collaborative Lecture on Development and Management of Infrastructure in Lowland City, Saga, JAPAN, October 1-4, 2014.
- Selected for Asian Institute of Technology (AIT) ,Bangkok for Secondment Programme by MHRD Govt of India in the year 2013.
- Associate editor to International journal the Lowland Technology International (LTI), Published by IALT, Saga University from April 1, 2012 to September 30, 2012.
- Post-Doctoral position : University of Saskatchewan, Saskatoon, Canada from 1st August 2008 to May 2009
- Visiting Scholar at CADSWES, University of Colorado, USA from 7th May 2007 to 1st June 2007.
- American Society of Civil Engineers(ASCE) Journal of Hydrological Engineering - Best Discussion award   -2006
- Reviewer ASCE, Elseveir published Journals
- Life member International Association of Lowland Technology

5. PUBLICATIONS(latest)
International Journal

- Nikhat Nawaz, S.Srinivasulu, P.Kesava Rao. Automatic Extraction of Water Bodies Using Whole – R Method. International Journal of Environmental Science and Engineering Vol.7 No: 12, 2013. WASET

- Elshorbagy, **A.**, Corzo, G., Srinivasulu, S. and Solomatine, D. 2010. Experimental Investigation of the Predictive Capabilities of Data Driven Modeling Techniques in Hydrology: I. Concepts and methodology. *Hydrol. Earth Syst. Sci., 14,1931-1941.*
- Elshorbagy, **A.**, Corzo, G., Srinivasulu, S. and Solomatine, D. 2010. Experimental Investigation of the Predictive Capabilities of Data Driven Modeling Techniques in Hydrology: II. Application. *Hydrol. Earth Syst. Sci., 14,1943-1961.*
- Srinivasulu Sanaga, Ramu K abd Madhira Madhav,. Identification of swell potential and Degree of Expansion using ANN, Int. Jour. of Earth Sciences & Engineering, Vol. 3 (2), 2010.
- Sanaga Srinivasulu and Ashu Jain. (2009), "River flow prediction using integrated approach", *ASCE J. Hydrol. Engg.*, Vol14(1), 75-83.
- Jain, A. and Srinivasulu, S. (2006), "Integrated Approach to Modeling Decomposed Flow Hydrograph using Artificial Neural Network and Conceptual Techniques", *J. Hydrol.* 317,291-306
- Srinivasulu, S. and Jain, A. (2006), "A Comparative Analysis of Training Methods for Artificial Neural Network Rainfall-Runoff Modeling", *Applied Soft Computing.* 6,295-306.

Books/Book Chapters
- Srinivasulu, S. and Jain, A (2008), Rainfall-runoff modelling: Integrating available data and modern techniques. In: RJ Abrahart, LM See, D Solomatine (eds.), Practical Hydroinformatics: Computational intelligence and technological developments in water applications, Springer-Verlag, 59-70.
- Jain, A and Srinivasulu, S. (2008), Hydrologic model calibration using evolutionary optimisation. In: RJ Abrahart, LM See, and D Solomatine (eds.), Practical Hydroinformatics: Computational intelligence and technological developments in water applications, Springer-Verlag, 293-303.

International Conferences
- Comparison of extraction methods for Water Bodies from Meta Data" 9th International Symposium on Lowland, September 29-October 1 2014,Saga, Japan.
- Automatic Extraction of Water Bodies Using Whole –R Method, International conference of world academy of science, engineering and technology international science index: issue 84 december 2013 Dubai pg no : 249 – 252
- Response and Measures to Strong Intensity Rainfall of Saga Lowland, 8th International Symposium on Lowland, September 11-13, 2012,Bali ,Indonesia
- ANN based Prediction and Sensitivity Analyses of Maximum Dry Unit Weight and Optimum Moisture Content Values over a Large Range, 8th International Symposium on Lowland, September 11-13, 2012,Bali ,Indonesia
- Data Driven Techniques Scrutinized : is there one better than the rest?" European Geographical Union (EGU) General Assembly, Vienna, Austria, April 19-24, 2009
- Integration of System Theoretic and System dynamics modeling techniques for Prediction of Soil Moisture European Geographical Union (EGU) General Assembly, Vienna, Austria, April 19-24,2009

Technical Reports
- Elshorbagy, A. Corzo, G., Srinivasulu, S. and Solomatine, D. 2009. Experimental investigation of the predictive capabilities of soft computing techniques in hydrology. CANSIM Series Report No. CAN-09-01, Centre for Advanced Numerical simulation (CANSIM), Department of Civil & Geological Engineering, University of Saskatchewan, Saskatoon, SK, Canada, pp. 49. CAN-09-01.pdf

6. SUMMERY OF RESEARCH OUTPUT:

The research work carried out during and after the completion of my Doctoral work was published in AGU,ASCE, Elsevier etc. in terms of 8 international journal papers with relatively high impact factor. Further my thesis contributed two chapters in an internationally published book Practical Hydroinformatics: Computational intelligence and technological developments in water applications by Springer-Verlag. Moreover the published papers and book were contributed to enhance the knowledge of the research community and expertize throughout the world known by virtue of the citation index of our published papers. The work carried out during my Post-Doctoral position at University of Saskatchewan was contributed to produce two international Journal papers, two international conference paper and a technical note. The results of our work is utilized in the research project Performance Assessment and Hydrologic Modeling of reconstructed watersheds and reclamation strategies.

7. ADMINISTRATIVE (ACADEMIC) EXPERIENCE:

- **Nominated and Functioning** as a Board of Studies Chairman for the faculty of Agricultural Engineering to JNT University Hyderabad since 2014
- **Nominated and functioned** as a Board of studies member for the faculty of Civil Engineering to JNT University Hyderabad
- **Nominated and functioned** as a Finishing School Coordinator at JNTUH college of Engineering
- **Nominated and functioned** as a NCC officer to look after NCC requirements of the students of JNTUH College of Engineering, Hyderabad.
- **Nominated and Functioned** as a Coordinator EMACET-2009,EAMCET-2010 and EAMCET-2011.
- **Nominated and Functioned** as a co-opt member for the committee constituted by APSCHE to study the impact of intermediate marks inclusion in the EAMCET at the year 2010.
- **Officer-in- Charge (Head of the Department)** for Centre for Spatial Information Technology (CSIT), Institute of Science and Technology (formerly IPGSR), JNTU Hyderabad, from December 1999 to June 2000.
- **Officer -in- Charge of Examinations**, Institute of Science of Technology (IST), for 2 years
- **Officer-in-Charge Examinations of MCA Nodal Centre**, at IST for 2 years
- **Nominated and Functioned** as Building Committed Convener for the construction of New IST Building under the TEQIP Phase-I
- **Nominated and Functioned a**s Infrastructure facilitator for Institute of Science and Technology from 2004 to 2006.
- **Member, Board of Governing Council** for VNR Vignana Jyothi Institute of Engineering and Technology, Bachupally, Hyderabad and Rishi Engineering College for women, Hyderabad.
- Acted as session chair for the a session conducted at International Symposium for Low Land Technology (ISLT 2012) conducted at Bali , Indonesia, Saga, Japan, and for some National conferences conducted at India.
- Executed some consultancy projects at State level

February 2016   **Sanaga Srinivasulu**