

CURRICULUM VITAE

Prof. Dr. E.S.M. SURESH

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EDUCATIONAL QUALIFICATIONS: **B.E**, Civil Engineering from University of Madras (1984-1988), **M.E** Soil Mechanics and Foundation Engineering from Anna University (1990-1992), **Ph. D** Civil Engineering with Specialization on GIS for Urban Environmental Management from Anna University 2001.

SPECIALISED CERTIFICATE COURSES: Certificate in Technical Education from Technical University (Eindhoven), The Netherlands during May- July 1997, Certificate in “Film Appreciation” from Film & Television Institute of India, Pune, India during May- June 2010, Leadership for Academicians Program, IIT Kanpur & NTU Singapore Nov- Dec 2018.

TEACHING/RESEARCH: Around 30 years including 25 years at NITTTR (1988-1990) – Instructor Valliammai Polytechnic, SRM Nagar, Kattangulathur, TN, Lecturer (1992-1994) Vellore Engineering College, Vellore (VIT University), Research Fellow Indian Institute of Science, Bangalore (1994), Lecturer (1994-1999), Senior Lecturer (1999- 2003), Asst. Professor (2003-2006), Associate Professor(2006-2009), Professor (2009-2012), Professor & Head Civil Engineering (2012-till date) at NITTTR Chennai.

RESEARCH INTERESTS: Engineering: Civil Engineering – Remote Sensing & Geographical Information System (GIS), Urban Planning & Management, Disaster Management. **Engineering Education:** Instructional Design & Delivery Systems, Technology Enabled Learning, Strategic Planning & Institutional Evaluation, Outcome Based Education and Accreditation.

RESEARCH ACTIVITIES – Ph. D Guidance (11 Scholars) - Degree Awarded – 6, Ongoing - 5

PUBLICATIONS: Total - 82 (International Journals: 16, National Journals 15, Text Books and Chapters in Text Books/ Continuing, Education Modules 7, International Conferences 10, National Conferences 14, Handouts – Course Materials –Titles 20).**VIDEO PROGRAMMES PRODUCED/BRODACASTED: 92** (Program Coordination: 58, Subject Expert: 10, Documentary based Video Films & Short Films: 20 (Script & Direction), All India Radio/Television: 4)

TRAINING PROGRAMMES CONDUCTED: More than 300 for Polytechnic College faculty and More than 200 for Engineering College, 10 International Training Programs sponsored by ITEC/TCS/SCAAP (5 in Civil Engineering and 5 in Educational Media). **NO. OF PROJECT**

WORKS GUIDED FOR INTERNATIONAL PARTICIPANTS – More than 100.
INTERNATIONAL/NATIONAL SEMINAR/WORKSHOPS CONDUCTED: More than 12

MEMBERSHIP OF PROFESSIONAL BODIES: Fellow of Institution of Engineers (India) American Society of Engineering Education (Member), Indian Geotechnical Society (Life Member), Indian Society of Remote Sensing (Life Member), Indian Society for Technical Education (Life Member).

SPONSORED RESEARCH/CONSULTANCY PROJECTS: **Developing Multimedia Learning Package on ‘Construction of Household Latrines’**, Sponsored by Rajiv Gandhi National Drinking Water Mission, Govt. of India (Member), **Solid Waste Management Using Geographical Information System for Chennai City’ (Phase I)**, Sponsored by Ministry of Human Resource Development, Govt. of India (Member), **Solid Waste Management Using Geographical Information System for Chennai City’ (Phase II)**, Sponsored by Ministry of Human Resource Development, Govt. of India (Coordinator), **‘Preparation of Hydro-Geological Thematic Maps of all districts of Tamilnadu’**, Sponsored by Central Ground Water Board, Govt. of India (Member), **Preparation of Police Thematic Maps For all districts of Tamilnadu** sponsored by Govt. of Tamilnadu (Through NIIT-GIS Ltd., Chennai) (Member), **Developing Video Film on ‘Fabrication Welding’** Sponsored by National Instructional Media Institute, Govt. of India, Chennai, (Coordinator) **Rain Water Harvesting for NITTTR Chennai Campus**, Sponsored by Central Ground Water Board, Govt. of India, Chennai (Member), **Developing Video Film on ‘Computer Networks’**, Sponsored by National Instructional Media Institute, Govt. of India, Chennai (Member), **Developing “Slum Free City Planning using GIS for Trichirapalli”**, Sponsored by Rajiv Awaz Yohana, Ministry of Urban Development, Govt. of India (Member).

HONORARY MEMBER & RECOGNITION FROM OTHER ORGANIZATIONS: Expert Member, National Board of Accreditation, MHRD, Govt. of India, Doctoral Committee Member of M.S and Ph.D Scholars of Anna University and Madras University Chennai. External Examiner of M.S and Ph.D Scholars of Anna University, Bharthiyar University, Coimbatore. Served as GIS Consultant for Aids Prevention and Control Project (APAC) VHS, Adyar, Chennai, sponsored by USAID to develop “GIS for HIV/AIDS for Tamilnadu.

Universities Visited Abroad: Technical University, Fontys PTH Eindhoven, The Netherlands; Delft University, The Netherlands, University Sains, Malaysia; Ohio State University, Columbus, USA, Nanyang Technological University, Singapore, University of Ottawa, Dalhousie University, Canada.

COUNTRIES VISITED: USA, Canada, The Netherlands, Germany, France, Belgium, Singapore, Malaysia and China.
