

THE TRUSTEES OF
**YEDLA SESHAYYA AND SATYA GANGABAI
MEMORIAL TRUST**

EARNESTLY REQUEST YOUR PRESENCE AT

THE THIRD YEDLA SESHAYYA MEMORIAL LECTURE ON

**“SUSTAINABLE WATER MANAGEMENT:
CHALLENGES AND THE WAY FORWARD”**

BY

PROF. DR. LIGY PHILIP

PROFESSOR, DEPARTMENT OF CIVIL ENGINEERING, IIT MADRAS
AND FELLOW, ROYAL SOCIETY OF CHEMISTRY (FRSC)

PROF. DR. K. PURNANANDAM

RECTOR AND PROFESSOR OF CIVIL ENGINEERING, JAWAHARLAL
NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA

HAS KINDLY CONSENTED TO PRESIDE

Venue:

Central Auditorium, AIMS College of Engineering, Mummidivaram, Andhra Pradesh

Date: Sunday, 30th September 2018

Time: 10.00 am

RSVP: yssgtrust@gmail.com/09869446677

PROGRAMME

10.00 a.m. Welcome by
Shri Yedla Venkata Sastry ITS
Managing Trustee, YSSG Memorial Trust and DDG, Department of Telecom,
Government of India & General Manager, BSNL Telangana Circle

Introduction of Prof. Ligy Philip by
Dr. Mohan Reddy
Principal, AIMS College of Engineering, Mummidivaram, East Godavari, AP

Remarks by the Chair
Prof. K. Purnanandam
Rector, Jawaharlal Nehru Technological University, Kakinada

**“SUSTAINABLE WATER MANAGEMENT: CHALLENGES AND
THE WAY FORWARD”**

Address by
Professor Ligy Philip

Vote of Thanks by
Prof. Sudhakar Yedla
Professor, IGIDR, Mumbai and Former Professor of Civil Engineering, NIT Warangal &
Trustee, YSSG Memorial Trust

10.50 a.m. High Tea

Note: You are requested to be in your seat by 9.50am



PROF. LIGY PHILIP
PROFESSOR, DEPARTMENT OF CIVIL ENGINEERING, IIT MADRAS

Prof. Ligy Philip is an eminent Professor of Environmental Engineering in the country. Her contributions are in the domains of applied research, new technology development and demonstration, industrial consultancy, and action oriented projects for the betterment of society. Her research focuses mainly on treatment of effluents from highly polluting industries; bioremediation of soils and aquifers contaminated with pesticides and heavy metals; sorption and advanced oxidation processes for drinking water treatment; and sustainable management of domestic wastewater. Her research on removal of emerging contaminants such as pharmaceutically active compounds and personal care products from drinking water is at the forefront. Prof Ligy has published more than 130 papers in refereed international journals of high repute and impact factors. She has undertaken a large number of sponsored research projects and guided 20 Ph.D. students. Several of her students occupy academic positions in prestigious institutions. She is on the editorial board of three international journals and was honoured as Fellow by National Academy of Engineering (FNAE) and Royal Society of Chemistry (FRSC).

Prof. Ligy believes in completing the cycle of innovation and the bioremediation technology she has developed for remediating soils and aquifers contaminated with highly toxic compounds has been transferred to industries. In her research, Prof Ligy focuses on solving societal problems and she has developed innovative technologies for grey water treatment; solar power based on-site domestic wastewater treatment; zero-discharge toilets, all of which have been successfully pilot tested in the field. Prof. Ligy is a team member that developed a new-age washing machine which conserves water by treating wash water and recycling the same within itself. She has developed a low-cost and easy to use water quality test which was field tested by the UNICEF in Tamil Nadu and Africa (DR Congo). Such efforts by Prof. Ligy are getting translated into large scale deployment. She is also involved in many socially relevant projects such as design humane sewer cleaning systems, healthy and hygienic villages through sustainable management of water and waste etc.

She has provided consulting services to a large number of industries in the area of pollution monitoring and control. Reputed international organizations such as Bill and Melinda Gates Foundation utilize her expertise in the area of sanitation. She has served as a member of many expert committees set up by National Green Tribunal, Tamil Nadu Pollution Control Board, Kerala Pollution Control Board and is member of two PACs of DST. She is the Chair Person of BIS Water Purification Sub Committee. She heads the MoUD Center of Excellence in Wastewater Management. She is the Area Coordinator for Waste management at Indo-German Center for Sustainability.



SHRI. YEDLA SESHAYYA

Shri Yedla Seshayya was born in a small island village of Gurajapulanka in East Godavari District and served **Revenue Department** of the Erstwhile State of combined Andhra Pradesh for over three decades in various capacities such as Mandal Supply Officer and Mandal Revenue Officer. He is well regarded for his kind nature, governance acumen, service motto and for his services in Mummdivaram and the neighboring towns in East Godavari District. Shri Seshayya has always showed great concern for the under privileged which has earned him respect among his peers. He had always supported youth financially as well as morally towards education and career growth. Many of those beneficiaries have subsequently reached great heights in life. He being a self-made man who has learnt from his own life believed that **“Education alone can evolve individuals from the shackles of innocence, ignorance and backwardness”**.

Born: 15th January 1938

Died: 10th August 1994

YEDLA SESHAYYA AND SATYA GANGABAI MEMORIAL TRUST, MUMMIDIVARAM, EAST GODAVARI, AP

The trust is established to carry forward the legacy of promoting excellence in education towards the evolution of rural youth. Yedla Seshayya and Satya Gangabai Memorial Trust is a Charitable Trust registered under Indian Registration Act, 1908 at Mummdivaram, East Godavari District, Andhra Pradesh, India. The main objectives are:

1. Instituting Annual Merit Awards jointly with the Govt. of AP for meritorious students
2. Facilitate improvement and empowerment of education in rural areas
3. Arranging Memorial Lectures
4. Conduct research and activism towards sustainability of rural India

Trustees: Shri Yedla Venkata Sastry ITS, Managing Trustee; Shri Yedla Rambabu; and Prof. Dr. Yedla Sudhakar

FIRST YEDLA SESHAYYA MEMORIAL LECTURE (2016)

“Excitements in Nano Science and Technology” by **Prof. B.S Murthy**, Professor of Metallurgy and Material Science, **IIT Madras** and Winner of Shanti Swarup Bhatnagar Award, 27th August 2016, Mummdivaram, East Godavari, Andhra Pradesh

SECOND YEDLA SESHAYYA MEMORIAL LECTURE (2018)

“Remote Sensing and Some Societal Applications” by Padma Shri **Prof. B.L. Deekshatulu**, Former Professor, IISc Bangalore and Former Director, National Remote Sensing Centre (NRSC), Hyderabad, 5th January 2018, jointly with JNTU Kakinada at Alumni Auditorium

Address: YSSG Memorial Trust, 6/82, Ganga Nilayam, Exchange Street, Mummdivaram 533216, AP. Email: yssgtrust@gmail.com Home: <http://www.yssgtrust.com>