

Profile- Sreepathi L K

Joined IIT Dharwad in November 2023 as “Visiting Professor cum Green Campus Coordinator” under civil engineering department. Earlier, I worked as Professor and Vice Principal of JNN College of Engineering, Shimoga. Did my masters and Ph.D programs at IIT Bombay in area of Thermal and Fluids engineering.

I have carried out research funded projects in the areas of bio fuel conversion, green architecture, solar energy, Water management, Science education etc. and have published around 50 papers along with my team members.

I have established and worked as the coordinator of the “Chirantana Green Technology Center”(CGTC) and “District Bio energy Research, Information and Demonstration Center” at JNN College of Engineering. The centers are actively involved in research and promotion of renewable energy devices, bio fuels, rain water harvesting, sustainable and ecofriendly life style among school/college students and general public.

The CGTC has the credit of developing Roof water filter, Phyto-remediation system for sewage water purification, Waste plastic to oil Unit, Bio Diesel by products like, Soaps, Hand wash, Floor Cleaner etc.

I have written booklets on “House and Rain water harvesting” “Roof water Harvesting”, “Solar Water Heater”, “Solar Photovoltaic Cells”, “Renewable Energy Sources”, “Sustainable energy Technologies for Malnad Region” and a play on ‘Water Harvesting’ in Kannada language.

My other interests are cycling, trekking and organic farming.

I am residing in an eco-friendly house “Vibha” which has rain water harvesting system, solar power supply, Solar grid interactive system, passive cooling techniques, kitchen waste gas plant, Phyto-Remediation systems etc.. The house generates 180% more energy than that it consumes. The house has been featured in Discovery, National Geographic and other TV channels as well as in print media.

Research gate link: <https://www.researchgate.net/profile/L-Sreepathi-2/unconfirmed?acceptedAuthorUid=2139427235>

