

# SURYA RAMAKRISHNAN

ASSISTANT PROFESSOR



## Contact Details

Office Address : Room no:306, Chemical Engineering department, GECK

Residential Address :Suryakanthi, Eyyal PO, Kecheri, Thrissur-680501

Email :surya.tdr@gmail.com

Phone : (Mobile)9995395197  
(Residence)04885272255

## **Professional Qualifications**

B-Tech	Specialization	CHEMICAL ENGINEERING
	Institute/University	GOVERNMENT ENGINEERING COLLEGE THRISSUR
	Year	2011
M-Tech	Specialization	INDUSTRIAL POLLUTION CONTROL
	Institute/University	NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA
	Year	2016

## Areas of Interest

CFD studies on multiphase flow behaviour in bubble column reactors, Industrial domestic wastewater treatment and management, environmental impact assessment and management.

### Professional Experience

- Worked for one and a half year as project assistant in Material Science and Technology department at CSIR-NIIST.
- Worked as Graduate trainee (Chemical Engineering) for one year at Raw material Preparation and mixing facility, Rocket propellant plant, VSSC.

### Publications

- Phosphorylated Cashew Nut Shell Liquid prepolymer modified kaolin as a reinforcing filler for natural rubber, Roshin Peter, V. Raji Vijay, Surya Ramakrishnan, Rugmini Sukumar, A.R.R. Menon; Applied Clay Science, 105-106 (2015), 186-191.
- Kaolin modified with sodium salt of rubber seed oil as a reinforcing filler for blends of natural rubber, polybutadiene rubber and acrylonitrile–butadiene rubber.; Vijay V Raji, Surya Ramakrishnan, Rugmini Sukumar, Methalayil Brahmakumar and AR Ravindranatha Menon; Polymer International; 64: 1585–1593(2015).

### Achievements/Awards

- Awarded third position in M.Tech Industrial Pollution Control at NITK.
- Awarded Calicut University fifth rank in B.Tech Chemical engineering.
- Awarded Rashtrapathi Puraskar in Bharat Scouts and Guides.

### Project/Consultancy

- **POST GRADUATE:** CFD simulation studies on multiphase flow behaviour of biological systems in a bubble column reactor.
- **UNDER GRADUATE:** Study of Electrolytic Zinc Extraction Plant, Binani Zinc Ltd and Designing of Electrolyte Cooling Gypsum Control (ECGC) Cooling Tower.