

**SANGEETHA C**  
**ASSISTANT PROFESSOR, CHEMISTRY**



**Contact Details**

Office Address : DEPARTMENT OF APPLIED SCIENCES,  
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**Professional Qualifications**

B-Sc	Specialization	CHEMISTRY
	Institute/University	NSS COLLEGE, OTTAPPALAM
	Year	2003
M-Sc	Specialization	CHEMISTRY
	Institute/University	SCHOOL OF CHEMICAL SCIENCES, MG UNIVERSITY
	Year	
PhD	Specialization	CHEMISTRY
	Institute/University	NIT CALICUT

## **Responsibilities\Position**

- PTA SECRETARY

## **Publications**

### **PEER-REVIEWED INTERNATIONAL JOURNALS**

Cellulose Nano-particles from Pandanus: Viscometric and Crystallographic Studies, Sangeetha Chenampulli, Unnikrishnan.G, Sujith.A, Sabu Thomas, Tania Francis Volume 20, issue 1 (February 2013), p. 429 - 438. (**Published on 28/11/2012 in 'cellulose' by Springer group, Impact factor 3.6 during 2012**)

link: <http://link.springer.com/article/10.1007/s10570-012-9831-0>

### **CONFERENCE PAPERS**

1) Effect of Reaction Time and Temperature on the isolation of Nanocellulose from Pandanus Using Sulphuric Acid, International Conference on Recent trends in Material Science and Technology, VSSC Trivandrum, October 29-31, 2010

2) Isolation of Cellulose Nano-particles from Pandanus Plant, MACRO 2010, IIT Delhi, December 15-17, 2010

3) Cellulose Nanoparticles: Synthesis by acid hydrolysis and characterization- International Conference on Functional Polymers, NIT Calicut, January 28-30, 2011

4) Effect of Reinforcement of Cellulosic Polymers Extracted From Sugar Cane Bagasse in the Nitrile Butadiene Rubber Matrix- International Conference on Functional Polymers, NIT Calicut, January 28-30, 2011

5) Cellulose Nanoparticles from Pandanus: Viscometric and crystallographic studies- UGC Sponsored National Conference on nanomaterials-NSS College Ottapalam, March 17-18, 2011

6) Spherical cellulose nanoparticles from pandanus : Isolation and charecterisation : UGC Sponsored National Seminar on Challenges in Nanoscience and Technology, St. Theresa's College Eranakulam, Kerala, India, July 28-29, 2011

7) Reclamation of cellulose from waste Pandanus utilis stem: International Conference on recycling and reuse of materials, MG University, Kottayam, Kerala, India, August 5-7, 2011

8) Electrospinning of Cellulosics to produce nanofibres and their applications: Advances in Material Science: Macro to nano scales, UC College, Aluva, Kerala, India, March 16-17, 2012-11-17

9) Characterisation of liquid crystalline cellulose nanoparticles isolated from Pandanus utilis plant: International Conference on materials energy and Enviornment, Toledo, USA, May 9-12, 2012

10) Room Temperature Ionic Liquids as promising solvents for cellulose electrospinning, Kathmandu Symposia on advanced materials, Kathmandu, Nepal, May 2012 (Not attended, in proceedings)

11) Mechanical Properties Of Poly(Ethylene-Co-Acrylic Acid)/Cellulose Composites, Chennai Chemistry Conference, CLRI, February 8-10, 2013

12) Modeling studies of mechanical properties of poly(ethylene-co-acrylic acid)/pandanus cellulose composites, 26<sup>th</sup> Kerala Science Congress, Pookode, Wayanad, January 2014

### **INVITED LECTURES**

- Current trends in nanotechnology, Tunjan Memorial Government College, Tirur on 30/10/2014
- Mentoring talk, Walk with scholar Program, Tunjan Memorial Government College, Tirur on 30/10/2014

### **Achievements/Awards**

- FLAIR INTERNATIONAL INTERNSHIP 2015-16 IN UK
- VISITING SCHOLAR AT TRENT UNIVERSITY CANADA FOR 6 MONTHS

### **Project/Consultancy**

**RESEARCH SEEDMONEY FROM CERD** Govt. Of Kerala entitled “Fabrication and Characterization of Poly (ethylene- co-acrylic acid)/nanocellulose composites” worth 2 lakhs (Completed)