

**NAME: Dr Prasanth S.**

**DESIGNATION: Assistant Professor**

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**EMAIL: prasanth.kl@gmail.com**

**EDUCATIONAL QUALIFICATION: PhD**

**AREA OF INTEREST: Material Science, Artificial Intelligence**

**SPECIALISATION: Conducting Polymer nano composites**

**TEACHING EXPERIENCE: 8 yrs**

Designation	Institution	Period
Lecturer	VKCET, Chavancode, TVM	1/7/2009 to 6/8/2010
Assistant Professor	HCET, Panavoor, TVM	6/8/2010 to 15/10/2012
Assistant Professor	SN College, Kollam	17/10/2012 to 30/6/2017
Assistant Professor	SN College for Women, Kollam	1/7/2017 to 23/9/2020
Assistant Professor	SN College, Kollam	24/9/2020 -

**ADMINISTRATIVE POSITIONS HELD:** HOD In-charge, Academic Counsellor, IGNOU Study Centre

## **PUBLICATIONS**

### **Books**

2007 *Thermophysical Properties of Materials (Co edited), American Physical Society (APS).*

### **Peer-Reviewed Journal Articles**

2008 Anisha Mary Mathew, Neena.P, **Prasanth.S**, N.S.Panwar and P.Predeep, Synthesis and characterization of Polypyrrole coated SBR composites, *Thermophysical Properties of Materials and Devices, American Institute of Physics, CP1004, 264-268.*

2008 Neena.P, Anisha Mary Mathew, **Prasanth.S**, N.S.Panwar and P.Predeep, Evaluation of a.c.conductivity behaviour of conducting rubber based composite, *Thermophysical Properties of Materials and Devices, American Institute of Physics, CP1004, 269-272.*

## **GRANTS AND FELLOWSHIPS**

2005 Junior Research Fellowship, BRNS, Department of Atomic Energy, Government of India.

## **INVITED TALKS**

2018 Fostering Science, SNDPLPS, Kollam, February 27

2019 Ozone Day, SNDPLPS, Kollam, September 16

2019 Solar Eclipse 2019, NSS Camp, Kundara, December 23

2019 Solar Eclipse 2019, NSS Camp, Edava, December 24

## CONFERENCES

### Panels Organized

**2005** Local organizing committee member, National Conference on Optics and Related Phenomena – **Jyothirgamaya** Kollam, Aug8-9

2015 Co-Ordinator, Science Day celebration (Golden PG), Feb 28

2017 Co-Ordinator, International Seminar on Laser: A tool for Diagnosis and treatment Kollam, sep 21

### Papers Presented

2008 Neena.P, Anisha Mary Mathew, **Prasanth.S**, N.S.Panwar and P.Predeep, Synthesis and electrical characterization of polypyrrole based cis 1,4 polyisoprene composites. National Symposium for Material Research Scholars(MR 08), Indian Institute of Technology, Bombay, Mumbai, 17-18, May.

2008 Anisha Mary Mathew, Neena.P, **Prasanth.S**, N.S.Panwar and P.Predeep, Low cost humidity sensor from Styrene Butadiene Co-polymer. National Symposium for Material Research Scholars(MR 08), Indian Institute of Technology, Bombay, Mumbai, 17-18, May.

2007 **Prasanth.S**, N.S.Panwar and P.Predeep. Electrical Conductivity Studies of Conducting Polymer Composite form SBR and SbCl<sub>5</sub> doped SBR. Second National Conference on Condensed Matter and Materials Physics, held at the University of Rajasthan, Jaipur from 1-3, Feb.

2006 **Prasanth.S**, Santhosh Kumar.S, N.S.Panwar and P.Predeep. Electrical Conductivity Studies of Elastomer based Conducting Polymer Composite. National Seminar On Advances In Materials Sciences (Nsams) Thirunelveli 27-28 March.

2006 **Prasanth.S**, Santhosh Kumar.S, N.S. Panwar and P.Predeep. Novel conducting composite from Styrene butadiene Rubber (SBR) and SbCl<sub>5</sub> doped SBR, National Conference on recent advances in material science, Periyar Univreisty, Salem, Tamilnadu February 16-17.

2006 Santhamma.G, **Prasanth.S** and Santhosh Kumar.S. Conducting polymers from Styrene Butadiene elastomer, 19<sup>th</sup> Kerala science congress, Thiruvananthapuram January 29-31

2006 Santhosh Kumar.S, **Prasanth.S**, N.S. Panwar and P.Predeep. Preparation of elastomer based conducting polymer composites, National Conference on recent advances in material science, Periyar Univreisty, Salem, 16-17 February

2007 **Prasanth.S**, Santhosh Kumar.S and N.S.Panwar. Novel Compactable conducting polymer composite from SBR powder and Linear Low Density Polyethylene (LLDPE). Presented paper on 19<sup>th</sup> Kerala science congress, Kannur 29-31 January

### Poster Presentations

2007 Sreeja.R, Predeep.P and **Prasanth.S**. Transparent flexible conducting thin films by In-situ dispersion polymerization of aniline (DBSA) in pre-vulcanized NR latex. 19<sup>th</sup> Kerala science congress, Kannur January 29-31.

2007 Santhamma.G, **Prasanth.S** and Santhosh Kumar.S. Novel electrically conducting material from a co-polymeric elastomer-Styrene Butadiene Rubber, 19<sup>th</sup> Kerala science congress, Kannur January 29-31.

2006 Santhosh Kumar.S, **Prasanth.S**, N.S. Panwar and P.Predeep. Conducting rubber composites from fresh latex and intrinsically conducting rubber powder, National Conference on recent advances in material science, Periyar Univreisty, Salem February 16-17.

2006 **Prasanth.S**, S.Santthosh Kumar, S.Narayan Panwar and P.Predeep. Conducting rubber composites from fresh latex and intrinsically conducting rubber powder. National Conference On Preparation And Characterization Of Crystalline Materials (Padika) Nagecoil, January 9-21

### **Workshops**

2006 - P.Predeep, Shyni P.K, P.K. Bajpayee and **Prasanth.S**. Intelligent Biomaterials from Polymer/ Nano Hydrogel Composites by Electron beam Irradiation, Workshop on NANOTECHNOLOGY with ion beams and possible applications, IUAC, New Delhi, Oct.31- Nov.1