



# Sri SAI RAM INSTITUTE OF TECHNOLOGY

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Sai Leo Nagar, West Tambaram, Chennai - 44. www.sairamit.edu.in

## DEPARTMENT OF SCIENCE AND HUMANITIES

Name : Dr. RAVIKUMAR. K

Designation : ASSISTANT PROFESSOR (GRADE-III)

Email : ravikumar.phy@sairamit.edu.in

Qualification : M.Sc., M.Phil., B.Ed., Ph.D.

Specialization : Physics

Research Interest : Polymer Physics

Experience in years : Teaching UG  PG  Industry

No. of Workshop/Conferences/  
FDP attended : Workshop  Conferences  FDP

No. of Workshop/Conferences/  
FDP Organized : Workshop  Conferences  FDP



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|--------------------------|---|
| Professional Membership  | <b>LIFE MEMBER OF THE INDIAN SOCIETY FOR TECHNICAL EDUCATION (ISTE)"</b><br><b>LM187137</b>               |
| Publications             | National: -0  |
|                          | International: 01   |
|                          | Book: 0   |
| Research Funded Projects | -   |
| Patents                  | -   |
| Achievements             | <b>Achieved 100% Results in</b><br><b>Engineering physics – I</b><br><b>Engineering Physics-II</b>        |
| Any Other Information    | President for Tamilnadu Science Forum (Chennai District)<br>Mentor for Inspire Programme Conducted by DST |

### List of paper published in national/ international journals:-01

1. **Ravikumar, K**, Palanivelu, K & Ravichandran, K 2015, ‘Vulcanization, Mechanical and Dielectric properties of Carbon black/nanoclay reinforced Natural Rubber hybrid composite’, **Applied Mechanics and Materials**, vol. 766-767, pp. 377-382, ISSN NO:16609336 .

### List of paper presented in national and international conference :-06

#### International Conferences:-3

1. **Ravikumar, K**, Palanivelu, K & Ravichandran, K 2014, ‘Vulcanization, Mechanical and dielectric properties of Natural Rubber reinforced Carbon black/nanoclay hybrid composites’, **1<sup>st</sup> International Conference on Advances in Materials and Manufacturing Engineering (ICAMME – 2014)** held on December 19<sup>th</sup>& 20<sup>th</sup>, 2014, Srisairam Engineering College, Chennai, Tamilnadu, India.
2. **Ravikumar, K**, Reji Joseph, Palanivelu, K & Ravichandran, K 2014, ‘Mechanical and Dielectric properties of NR/SBR Elastomeric blends’, **Third International Conference on Polymer Processing and Characterization (ICPPC – 2014)** held on **October 11, 12 & 13, 2014 at School of Chemical Science, Mahatma Gandhi University, Kottayam, Kerala, India.**
3. **Ravikumar, K**, Palanivelu, K & Ravichandran, K 2017, ‘Dielectric properties of Natural rubber composites filled with carbon black and graphite’, **International Conference on Advances in Materials, Manufacturing and Applied Sciences (ICAMMAS – 2017)** held on **March 30 & 31, 2017 at Srisairam Institute of Technology , Chennai, Tamilnadu, India.**

#### National Conference:- 3

1. “Dielectric properties of Mechanical and Swelling properties of natural rubber nanocomposites reinforced with hybrid fillers”, **National conference on Advances in Polymer Science and Technology (APST-2010)** 22-24 October, 2010, NIT Hamirpur, India.
2. “Characterization of Polymers by Dielectric spectroscopy -A short review” , UGC sponsored two day **National Conference on Advances in Plastics and Rubber Technology (APART-2015)** held on 10<sup>th</sup> & 11<sup>th</sup> April 2015 in dept of Rubber and Plastic Technology, MIT Campus, Anna university ,Chennai -600044.
3. “Dielectric properties of Natural Rubber/Organoclay Nanocomposites” **“Regional Conference of NAFEMS (NAFEMS-15)”** held on 8<sup>th</sup> March 2015 in Hilton hotel, Chennai -600032.

#### Workshop / Conferences / FDP Attended: - 09

- 1 Attended Eight days Faculty Development Program (FDP) on **“Composites Materials”** held during 16<sup>th</sup> - 23<sup>nd</sup> May 2012 organized by Department of Rubber and Plastics Technology, Anna University, MIT Campus Chennai 600 044.

- 2 Participated one day UGC sponsored short term course on “**Research methodology, Technique of writing research articles Science Journals and Ph.D thesis preparation**” held on 7<sup>th</sup> March 2013 organized by Department of Automobile Engineering, Anna University, MIT Campus Chennai 600 044.
- 3 Attended one day Workshop on “**Role of Polymers in Modern Engineering Materials**” held on 12<sup>th</sup> April 2013 organized by Department of Science and Humanities, Srisairam Institute of Technology, Chennai.
- 4 Attended one day CSIR sponsored National seminar on “**Recent Trends in Laser Spectroscopy and Its Applications (RTILSA-13)**” held on 17<sup>th</sup> October 2013 organized by Department of Science and Humanities (Physics), Srisairam Engineering college, Chennai.
- 5 Attended two days UGC sponsored national level workshop on “**Emerging trends in Nanomaterials for Engineering Applications (ETNEA2014)**” held during 20<sup>st</sup> - 22<sup>nd</sup> February 2014 organized by Department of Production Technology Anna University, MIT Campus Chennai 600 044.
- 6 Attended Two days TEQIP Workshop on “**Dielectric Materials and Devices**” held on 25<sup>th</sup> – 26<sup>th</sup> July 2014 organized by Department of Electronics and Communication Engineering, Sri Jayachamarajendra College of Engineering, Mysore.
- 7 Participated one days National level workshop on “**Green Composites** ” held on 27<sup>th</sup> August 2014 organized by Department of Mechanical Engineering, Srisairam Institute of Technology, Chennai.
- 8 Attended one days National level workshop on “**Advances in Chemical Sciences**” held on 18<sup>th</sup> July 2016 organized by Department of Chemistry, Srisairam Institute of Technology, Chennai.
- 9 Attended Two days Faculty Development Program (FDP) on “**Characterization of Materials**” held on 20<sup>th</sup> -21<sup>st</sup> July 2017 organized by Department of Physics, Srisairam Institute of Technology, Chennai.

#### **Workshop / Conferences / FDP Organized: -01**

- 1 “ Two days national level workshop on the topic of “**Revealing the advances in Material Science**” Conducted by Department of Physics, during 19<sup>th</sup> - 20<sup>th</sup> July 2016 held in Srisairam Institute of Technology, Chennai -600 044.