

PROFILE

Dr. M. Saroja Devi
Professor

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ACADEMIC

Course	Year Of Study	College	Specialization
B.Sc	1980 - 1983	Vellalar College for Women	Chemistry
M.Sc	1983 - 1985	Seethalakshmi Ramasamy College for Women, Trichy, Tamil Nadu, India	Chemistry
Ph.D	1987 - 1993	A.C.College of Technology, University of Madras	Polymer Chemistry

SPONSORED PROJECTS

Project Title	Funding Agency	Duration	Grand in Lakhs
Synthesis of super absorbent hydrogels	UGC	Jan 1999 to Dec 2000	0.3
Flyash filled polyester / glass for SMC and DMC. Influence of silanes, chrome complexes and titanate	UGC	May 2001-April 2004	2.68
Development of Techniques for fabrication of PEEK / carbon fiber composites and their characterizati	ISRO/RESPOND	April 2003-December 2005	4.51
Development of Epoxy resin from Soybean oil and fabrication of Epoxy / Glass fiber composites	DST	October 2004 – March 2008	19.05
Synthesis of organic compounds/ functionalized polymers	PPG INdustries, USA	Feb 2005 to Jan 2006	4.5
Development of Phthalocyanine based resins for composite applications –Phase I	DRDO ER&IPR	March 2005 to Jan 2007	14.95
Development of phthalocyanine modified polyimide/ carbon fibre composite for high temperature applic	DRDO ER & IPR	Mar 2007 to Sept 2008	14.98
Synthesis and characterization of cyanate ester end capped thermoplastics and their blends with bisp	UGC	Mar 2007 to Mar 2010	6.69

Design of Self-Assembling Amphiphilic Photogenerators, High Performance Polymers and Cellulose/ Polym	Joint Project with Carleton University, Shastri Indo-Canadian Institute (Calgary, Canada)	May to August 2008	17,000 Canadian dollars
Development of new thermoset polyimides for PMR-15/DMBZ-15 replacement	ISRO/RESPOND	March 2009 to 2012	12.1208
Studies on new crosslinked polybenzoxazines and benzoxazine/BMI glass fiber composites	DST	May 2009 to 2013	17.71
Linear ether and ketone containing phthalonitrile resin with reactive pendants for advanced composit	CSIR	April 2012 to 2015	14.02
Synthesis and characterization of silsesquioxane – polyimide nanocomposites	UGC	July 2012 to 2015	12.258
Special Assistance Programme – DRS II – Deputy Co-ordinator	UGC	2011-2015	58
Special Assistance Programme – DRS III – Deputy Co-ordinator	UGC	2016-2021	89.5

CONSULTANCY PROJECTS

Consultancy For	Duration	Cost
Synthesis of organic compounds/ functionalized polymers for PPG Industries USA	2005 to 2006	4.5 lakhs

PUBLICATIONS

Title	Author	Name of the Journal Month/Year	Impact Factor
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CONFERENCE / SEMINAR / WORKSHOP

Name	Date	Venue	Organized By	Sponsored By
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AWARDS

Award Name	Award Details	Awarded By	Year
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MEMBERSHIP

- The Society for Polymer Science, India
- National Magnetic resonance Society

EXTRA-CURRICULAR ACTIVITIES

NATIONAL, INTERNATIONAL COLLABORATION

INVITED TALKS

Title	Place of visit	Date
Spectroscopy - a special invited Lecture	Jaya Engineering College, Chennai, Tamil Nadu	2004-11-22
Polymer Composites - Invited lecture in the Inauguration of the activities of the Association of Po	Inauguration of the activities of the Association of Polymer technol B.S.A. Crescent Engineering Co	2006-08-09
High Performance Polymers		2007-10-26
Chemistry of Cyanate ester resins		2008-06-30
Nanocomposites		2010-03-30
"SOLAR DISTILLATION " in WATER CHEMISTRY RELATED PROBLEMS IN THERMAL STATIONS AND INDUSTRIAL BOILERS		2010-10-25
High temperature polymers		2011-01-07
High Performance Polymers- Processing		2011-06-13
Composites		2013-03-11
Polymer Composites- An overview		2013-09-28
Polymer nanocomposites		2013-10-19
Basics of Polymer Composites - Recent Trends and Applications		2013-11-29
Polyimide Composites		2014-12-11

