

## PROFILE

Dr. M. J. Umapathy  
Assistant Professor (Sr.Gr)  
Phase Transfer Catalysis, Conversion Coatings, Composites, Nano Materials, Food Packaging  
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## ACADEMIC

Course	Year Of Study	College	Specialization
B.Sc	1986 - 1989	Pachaiyappas College, Chennai	Chemistry
M.Sc	1991 - 1992	University of Madras	Chemistry
Ph.D	1994 - 1998	Department of Chemical Engineering, A. C. College of Technology, Anna University, Chennai-600025	Phase Transfer Catalysis

## SPONSORED PROJECTS

Project Title	Funding Agency	Duration	Grand in Lakhs
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## CONSULTANCY PROJECTS

Consultancy For	Duration	Cost
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## PUBLICATIONS

Title	Author	Name of the Journal Month/Year	Impact Factor
Umapathy M. J and Mohan D, " Studies on phase transfer catalyzed polymerization of acry		/	
Umapathy M J, Malaisamy R and Mohan D, " Kinetics and mechanism of phase transfer catalyzed free		/	
Dharmendra Kumar M, Konguvel Thehazhan P, Umapathy M J and Rajendran M, " Free radical		/	

polymerizati			
Savitha S, Vajjiravel M and Umapathy M J, " Polymerization of butyl acrylate using potassium peroxyd		/	
Bharathbabu M, " Polymerization of acrylonitrile using potassium peroxydisulfate as an initiator in		/	
"Free radical polymerization of methyl methacrylate initiated by multi-site phase transfer		/	
"Multi-site phase transfer catalyst assisted radical polymerization of glycidyl methacrylate using p		/	
"Synthesis and characterization of multi-sited phase transfer catalyst:Application in free radical p		/	
" Radical polymerization of n BMA using a di-site phase transfer catalyst", International Journal of		/	
Vidya K R, "Phase transfer catalyst induced free radical polymerization of acrylonitrile using water		/	
"Synthesis of new phase transfer catalyzed free radical polymerization of ethyl methacrylate-A kine		/	
Srikumar D S Meena M, " Kinetics of phase transfer agent aided free-radical polymerization of acrylo		/	
Shyamalavathy P, "Free radical polymerization of acrylonitrile using potassium peroxydisulfate as in		/	
"Kinetics and mechanism of multi-sited phase transfer catalyzed radical polymerization of ethyl mtha		/	
" Multi-site phase transfer catalyzed radical polymerization of n-butyl methacrylate-A kinetic study		/	
Pradeep Jaya Sudhan E, Ananda Kumar S, Umapathy M J, "Development of siloxane based tetraglycidyl ep		/	

Sudha Nandhini M, "Liquid-liquid phase transfer catalysis: Comparison of kinetic studies i		/	
Pradeep Jaya Sudhan E, Ananda Kumar S, Umapathy M J, "Development of dimethylsiloxane based tetragly		/	
"Disite phase transfer catalyst assisted radical polymerization of methyl methacrylate using water s		/	
" Kinetics of radical polymerization of glycidyl methacrylate initiated by multi-sited ph		/	
Shree Meenakshi K, Pradeep Jaya Sudhan E, Ananda Kumar S and Umapathy M J, "Development of dimethyls		/	
Boopalan .M, Vimal Jude Michel, Yoganand K. S and Umapathy M J, "A study on the mecha		/	
Sunitha T.G, Yoganand K.S, Umamaheswari G and Umapathy M. J, "A kinetic study on the free radical		/	
Umamaheswari Gunasekaran, Swarna V Kanth and Umapathy M J, "Preparation and characterization of nove		/	
Yoganand K S , Kamali T V, Divya K, Navamani P and Umapathy M J, "Role of phase transfer catalyst in		/	
Umamaheswari Gunasekaran, Boopalan M, Umapathy M J and Swarna V Kanth, "Studies on mechanical proper		/	
Jenyfer P, "A comparative study on the mechanical properties of jute and sisal fiber reinforced poly		/	
Udaya Aruldoss, Judith Vijaya J, Umapathy M J, John Kennedy L, "Hygrophila spinosa T. Anders seeds		/	
Udaya Aruldoss, Judith Vijaya J, Umapathy M J and John Kennedy L, "Simple phytosynthesis and		/	

humidit			
Boopalan M, Niranjanaa M and Umapathy M J, "Study on the mechanical properties and thermal propertie		/	
Umapathy M J and Balakrishnan T, " Kinetics and mechanism of polymerization of methyl methacrylate i		/	
Umapathy M. J and Mohan D, " Studies on phase transfer catalyzed polymerization of glycidyl methacry		/	
Umapathy M. J and Mohan D, " Phase transfer polymerization of butyl methacrylate using potassium pe		/	
Yoganand. K. S and Umapathy. M. J (2013) " Green methodology for the recovery of Cr(VI) from tanne		/	
Sanuja S, Agalya A and Umapathy M J (2014)" Studies on Magnesium oxide reinforced Chitosan bio-na		/	
Robin Jude Vimal Michael, Balaji Sambandam, Thangavelu Muthukumar, Manickam J. Umapathy and Periakar		/	
Lakkshmi Narayanan V and Umapathy M J (2014) " studies on the depolymerization of poly (ethylene		/	

#### 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.

## EXTRA-CURRICULAR ACTIVITIES

## NATIONAL, INTERNATIONAL COLLABORATION

## INVITED TALKS

Title	Place of visit	Date
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