

STAFF PROFILE

Name : Dr. S. Mohammed Safiullah
Designation : Assistant Professor,
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1. Academic Qualification

Degree	Year	Subject	Institution	University
Ph.D.	2016	Polymer Nanocomposites	C. Abdul Hakeem College (Autonomous)	Thiruvalluvar University
M.Phil.	2009	Polymer Chemistry	C. Abdul Hakeem College	Thiruvalluvar University
PG	2008	Inorganic Chemistry	School of Chemical Sciences	University of Madras
UG	2006	General Chemistry	C. Abdul Hakeem College	Thiruvalluvar University

2. Work Experience

S.No.	Positions Held	Name of the Institute	From	To
1.	Assistant Professor	C. Abdul Hakeem College of Engineering & Technology, Melvisharam	01.07.2008	31.05.2016
2.	Assistant Professor	C. Abdul Hakeem College (Autonomous), Melvisharam	16.06.2016	Till date

3. Professional Recognition/Award/Prize/Certificate/Fellowship received

S.No.	Name of the Award	Awarding Agency	Year
1.	International Certificate for Teachers and Trainers	Cambridge University	2012

4. Research

4.1 List of Papers published (Name, Title, Journal Name, Volume, Year, Page No)

1. Pugazhenthii Ilangovan, **Mohammed Safiullah Sakvai**, Anver Basha Kottur (2018) "UV and corrosion protective behavior of polymer hybrid coating on mild steel." *Journal of Applied Polymer Science*, 135, 46175. (Publisher: Wiley) (L.F. 1.86)
2. B. Ranjithkumar, **S. Mohammed Safiullah**, K. Babu, K. Anver Basha. (2018) "Synthesis and Characterization of Methacrylate Based Antibacterial Copolymers for Anticorrosive Application"

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- Polymer-Plastics Technology and Engineering*, 57, 7, 657–668. (Publisher: Taylor and Francis) **(I.F. 1.232)**
3. I. Pugazhenth, **S. Mohammed Safiullah**, K. Anver Basha. (2017) “Synergistic effect of functionally active methacrylate polymer and ZnO nanoparticles on optical and dielectric properties” *Materials Chemistry and Physics*, 193, 203–211. (Publisher: Elsevier) **(I.F. 2.084)**
 4. I. Pugazhenth, **S. Mohammed Safiullah**, K. Anver Basha. (2016) “An electrically active methacrylate based polymer reinforced with ZnO– Synthesis, characterization and dielectric properties” *Materials Letters*, 183, 240–243. (Publisher: Elsevier) **(I.F. 2.572)**
 5. **S. Mohammed Safiullah**, K. Abdul Wasi, K. Anver Basha. (2016) “Direct Deposition of Copper Nanoparticles on Poly(glycidyl methacrylate) Beads” *Polymer Composites*, DOI 10.1002/pc.24148 Accepted (In Press). (Publisher: Wiley) **(I.F. 2.324)**
 6. D. Thirumoolan, K. Anver Basha, Tapan Kanai, **S. Mohammed Safiullah**, K. Vetrivel, K. Abdul Wasi, B. Ranjith Kumar, (2016) “Synthesis, characterization and reactivity ratios of poly N-(p-bromophenyl)-2-methacrylamide-co-N-vinyl-2-pyrrolidone.” *Journal of Saudi Chemical Society*, 20, 195–200. (Publisher: Elsevier) **(I.F. 2.887)**
 7. **S. Mohammed Safiullah**, K. Abdul Wasi, K. Anver Basha. (2015) "Synthesis of Poly(Glycidyl methacrylate)-Copper Nanocomposite beads by *In-situ* Suspension polymerization and Deposition Method- A Comparative Study." *Polymer*, 66, 29-37. (Publisher: Elsevier) **(I.F. 3.684)**
 8. **S. Mohammed Safiullah**, K. Abdul Wasi, K. Anver Basha. (2015) “Poly(Glycidyl Methacrylate)-a Soft Template for the Facile Preparation of Poly(Glycidyl Methacrylate) core-Copper Nanoparticle Shell Nanocomposite.” *Applied Surface Sciences*, 357, 112-121. (Publisher: Elsevier) **(I.F. 3.387)**
 9. K. Abdul Wasi, **S. Mohammed Safiullah**, K. Anver Basha. (2015) “Halogenated Methacrylate based Al₂O₃ Nanocomposites: Effect of Nano-Al₂O₃ on Morphological and Thermal properties.” *Journal of Thermoplastic Composites Materials*, Oct 16 1-11. (Publisher: Sage) **(I.F. 0.903)**
 10. **S. Mohammed Safiullah**, K. Abdul Wasi, K. Anver Basha. (2014) “Preparation of poly(Glycidyl methacrylate) Copper nanocomposites by *In-situ* Suspension Polymerization-A Novel Synthetic Method.” *Materials Letters*, 133 60-63. (Publisher: Elsevier) **(I.F. 2.572)**
 11. **S. Mohammed Safiullah**, K. Abdul Wasi, K. Anver Basha. (2014) “A Comparative study on Corrosion Resistant Performance of Halogenated Copolymers.” *Journal of Coatings Technology & Research*, 11 685–696. (Publisher: Springer) **(I.F. 1.55)**

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12. D. Thirumoolan, **S. Mohammed Safiullah**, K. M. Govindaraju, D. Gopi, K. Anver Basha. (2014) “Corrosion Protection Behavior of Poly(N-(p-bromophenyl)-2-methacrylamide-co-ethyl methacrylate) Coatings on Low Nickel Stainless Steel.” *International Journal of Polymeric Materials and Polymeric Biomaterials*,63 820-830. (Publisher: Taylor and Francis) **(I.F. 1.515)**
13. **S. Mohammed Safiullah**, D. Thirumoolan, K. Anver Basha, K. M. Govindaraju, D. Gopi, Tapan Kanai, A.B. Samui, (2011) “Synthesis, characterization and corrosion protection properties of poly N-(p-bromophenyl)-2-methacrylamide-co-glycidyl methacrylate) coatings on low nickel stainless steel.” *Journal of polymer Engineering*, 31, 199-204. (Publisher: Walter De Grueter) **(I.F. 0.658)**

4.2. Detail of patents.

Nil

4.3. Books/Reports/Chapters/General articles etc.

1. **Authors** : **S. Mohammed Safiullah**, K. Abdul Wasi, K. Anver Basha,
Chapter Title : Fabrication of Metal Nanoparticles on Poly(Glycidyl Methacrylate): Synthesis, Characterization and Catalytic Application
Book Title : **Nanotechnology-Driven Engineered Materials New Insights**
ISBN No. : **9781771886345**
Publisher : **Apple Academic Press**
Year : **2018**
2. **Authors** : **S. Mohammed Safiullah**, I. Pugazhenthii, K. Anver Basha,
Chapter Title : Design, Development and Optical Properties of Functional Active Methacrylate Polymer/ZnO Nanocomposites
Book Title : **Physical Chemistry for Engineering and Applied Sciences Theoretical and Methodological Implication**
ISBN No. : **9781771886277**
Publisher : **Apple Academic Press**
Year : **2018**
3. **Authors** : I. Pugazhenthii, **Sakvai Mohammed Safiullah**, K. Anver Basha
Chapter Title : Design, Fabrication and Characterization of an Electrically Active Methacrylate Based Polymer-ZnO Nanocomposites for Dielectrics.
Book Title : **Modern Physical Chemistry Engineering Models, Materials, and Methods with Applications**
ISBN No. : **9781771886437**
Publisher : **Apple Academic Press**
Year : **2018**

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4.4. List of Paper Presentations in National/International Conference

1. Presented a paper titled "*Development of Facile Synthetic Route for the Preparation of Poly(Glycidyl Methacrylate) core-Nickel Nanoparticle Shell Nanocomposite*" (Oral Presentation) in the three days International Conference on Nanomaterials and Nanotechnology (NANO-15) held at **K.S. Rangasamy College of Technology, Tiruchengode**, India, during 7-10, December 2015
2. Presented a paper titled "*Fabrication of Metal Nanoparticles on Poly(glycidyl methacrylate) - Synthesis, Characterization and Catalytic Application*" (Invited Lecturer) in the three days International Conference on Nanostructured Polymeric Materials and Polymer Nanocomposites (ICNPM 2015) held at **International and Inter University Centre for Nanoscience and Nanotechnology (IIUCNN)**, Mahatma Gandhi University, Kerala, India, during 13th to 15th November 2015.
3. Presented a paper titled "*A New Polymeric Material for the Optimization of Corrosion Coatings*" (Oral Presentation) in the three days International Corrosion Prevention Symposium for Research Scholars (CORSYM-2013) held at Hotel GRT Grand, Chennai, India, during February 28th to March 2nd, 2013.
4. Presented a paper titled "*Synthesis, characterization and corrosion protection properties of poly N-(p-bromophenyl)-2-methacrylamide-co- N- Vinyl Pyrolidone on low nickel stainless steel*" (Oral Presentation) in Asian Conference on Recent Advances in Polymer Science (RAPS 2010) held at SASTRA university, Tanjavur, during 22nd & 23rd January 2010.
5. Presented a paper titled "*Corrosion Resistant Performance of Methacrylate Based Halogenated Copolymer*" (Oral Presentation) in two days National Conference on Frontiers in Chemistry and Environment (NCFCE-2015) held during 27th & 28th March 2015, at C. Abdul Hakeem College of Engineering & Technology, Melvisharam, Tamil Nadu, India.
6. Presented a paper titled "*Synthesis and Characterization of Poly(Glycidyl methacrylate)-Copper Nanocomposites,*" (Oral Presentation) in two days UGC sponsored National Seminar on Recent Research Trends in Chemistry (RRTC 2014) held during 25th & 26th September 2014, at C. Abdul Hakeem College, Melvisharam. Tamil Nadu, India.
7. Presented a paper titled "*Characterization of Functional 2,4,6- tribromophenyl methacrylate-Al₂O₃ nanocomposites prepared from Solution Mixing*" (Oral Presentation) in

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two day National Seminar Nanostructured Materials (**NSM 2014**) held during 12th & 13th August 2014, at NSS Hindu College, Kottayam, Kerala, India.

8. Presented a paper titled “*Synthesis and Evaluation of Anti-Corrosive behaviour of Poly (MMBT-co-N-Vp)*” (Oral Presentation) in 16th National Convention of Electrochemist (**NCE-16**) held during December 15-16, 2011 at P.S.G.R. Krishnammal College for Women, Coimbatore, Tamil Nadu, in collaboration with SAEST CECRI, Karaikudi-6, Tamil Nadu, India.