

STAFF PROFILE

Name : Dr. K. ABDUL WASI
Designation : ASSISTANT PROFESSOR
Department : PG & RESEARCH DEPARTMENT OF CHEMISTRY
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1. Academic Qualification

Degree	Year	Subject	Institution	University
Ph.D.	2017	Chemistry	C. Abdul Hakeem College (Autonomous)	Thiruvalluvar University
PG	2011	Chemistry	C. Abdul Hakeem College (Autonomous)	Thiruvalluvar University
UG	2009	Chemistry	C. Abdul Hakeem College (Autonomous)	Thiruvalluvar University

2. Work Experience

S.No.	Positions Held	Name of the Institute	From	To
1.	Assistant Professor	C. Abdul Hakeem College (Autonomous)	14.07.2017	26.11.2020
2.	Assistant Professor	C. Abdul Hakeem College (Autonomous)	27.11.2020	Till Date

3. Professional Development Programme Attended (FDP/FIP/RC/OP/PDP – More than 3 Days)

S.No.	Name of the Programme	Name of the Organizer	Duration With Date
1.	UGC Sponsored Online Refresher Course	UGC-HRDC, Aligarh Muslim University, Aligarh	14 th September 2023 to 28 th September 2023
2.	Faculty Development Programme (FDP) on Strategies for Effective Teaching	Human Resources Development Centre (HRDC), Thiruvalluvar University, Serkkadu, Vellore	05 th December 2022 -07 th December 2022
3.	Online Faculty Induction Programme	UGC-HRDC, Aligarh Muslim University, Aligarh	04 th July 2022 to 06 th August 2022
4.	Six Days Faculty Development Programme on Green Chemistry for Sustainable Development	SRM Institute of Science & Technology and Association of Chemistry Teachers, Mumbai	16 th May -21 st May 2022
5.	Five Days National Level Online Faculty Development/Certificate Programme	Holy Cross College, Tiruchirappalli	27 th September -1 st October 2021

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6.	Three Days Faculty Development Programme On “Advanced Materials For Energy, Environment & Healthcare Applications”	Sethu Institute of Technology, Chennai	29 th July 31 st July 2020
7.	Three Days FDP On “Online Teaching Via Google LMS During Covid 19 Pandemic”	C. Abdul Hakeem College, (Autonomous)	28 th May to 30 th May 2020

4. Research & Development:

List of Papers published:

1. P. Mohamed Ashfaque, K Abdul Wasi, K. Mohammed Rehan, J. Sathish Banarji, S. Mohammed Safiullah, K Anver Basha, 2022. Anticorrosive behaviour of poly (vinyl carbazole-co-methoxy ethyl methacrylate) and its nanocomposites. *Materials Today: Proceedings*, 62, 5665-5670.
2. S. Mohammed Safiullah, K. Abdul Wasi, K. Anver Basha. Direct Deposition of Copper Nanoparticles on Poly(glycidyl methacrylate) Beads, *Polymer Composites*, 2016, 39 (6), 1913 - 1921.
3. 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-(pbromophenyl)- 2-methacrylamide-co-N-vinyl-2-pyrrolidone. *Journal of Saudi Chemical Society*, 20, 195–200.
4. K. Abdul Wasi, S. Mohammed Safiullah, K. Anver Basha. Halogenated Methacrylate based Al₂O₃ Nanocomposites: Effect of Nano-Al₂O₃ on Morphological and Thermal properties. *Journal of Thermoplastic Composites Materials*, 30(6), 762-772.
5. S. Mohammed Safiullah, K. Abdul Wasi, K. Anver Basha. Synthesis of Poly(Glycidyl methacrylate)-Copper Nanocomposite beads by In-situ Suspension polymerization and Deposition Method- A Comparative Study. *Polymer*, 66 (2015) 29-37.
6. S. Mohammed Safiullah, K. Abdul Wasi, K. Anver Basha. Poly(Glycidyl Methacrylate)- a Soft Template for the Facile Preparation of Poly(Glycidyl Methacrylate) core-Copper Nanoparticle Shell Nanocomposite. *Applied Surface Sciences*, 357 (2015) 112-121.
7. S. Mohammed Safiullah, K. Abdul Wasi, K. Anver Basha. Preparation of poly(Glycidyl methacrylate) Copper nanocomposites by In-situ Suspension Polymerization-A Novel Synthetic Method.” *Materials Letters*, 133 (2014) 60-63.

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8. S. Mohammed Safiullah, K. Abdul Wasi, K. Anver Basha. A Comparative study on Corrosion Resistant Performance of Halogenated Copolymers. *Journal of Coatings Technology & Research*, 11 (2014) 685–696.

Book Chapters:

S. Mohammed Safiullah, K. Abdul Wasi, K. Anver Basha. Fabrication of Metal Nanoparticles on Poly(glycidyl methacrylate) - Synthesis, Characterization and Catalytic Application, *Nanotechnology-Driven Engineered Materials New Insights* E-Book ISBN: 9781771886345. Apple academic Press (Taylor and Francies group of publishers).

4.1. List of Paper Presentations in National/International Seminar/Conference:

1. Presented a paper titled Corrosion protection performance of Poly(PyM-co-GMA)/Graphene Nanocomposite coating on Mild Steel in International Conference on Advanced Functional Materials and Devices (AFMD - 2024) organized by SRM Institute of Science & Technology on 26-29 February 2024.
2. Presented a paper titled Corrosion Protection Performance of polymer/graphene composite coating on mild steel in 6th International Conference on Recent Advances in Materials Chemistry (ICRAMC-2022) held at SRM Institute of Science & Technology during 17 – 19 February 2022.
3. Presented a paper titled Carbazole Based Hybrid Material-Synthesis, Characterization, Optical And Thermal Properties in National Conference on Advanced Materials & Engineering Applications (NCAMEA-2021) organized by PERI Institute of Technology, Chennai on 05-06, August 2021.
4. Presented a poster titled Synthesis and Characterization of Functional Methacrylate Polymer and its Nanocomposites in International Virtual Conference on Advanced in Chemistry and Materials (ICCM-2021) organized by Saveetha Engineering College on 21-22, July 2021.
5. Presented a paper titled Development of Functional Polymer Nanocomposites in two days International Virtual Conference on Advanced Nanomaterials and Their Applications (ICANTA 2021) held at VELS University during March 24-25, 2021.
6. Presented a paper titled “Fabrication of Metal Nanoparticles on Poly(glycidyl methacrylate) - Synthesis, Characterization and Catalytic Application” 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.
7. Presented a paper titled “Synthesis and Characterization of Poly(Glycidyl methacrylate)-Copper Nanocomposites,” in two days UGC sponsored National Seminar on Recent Research Trends in

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Chemistry (RRTC 2014) held during 25th & 26th September 2014, at C. Abdul Hakeem College, Melvisharam. Tamil Nadu, India.

8. Presented a paper titled “Characterization of Functional 2,4,6- tribromophenyl methacrylate- Al_2O_3 nanocomposites prepared from Solution Mixing” in two day National Seminar Nanostructured Materials (NSM 2014) held during 12th & 13th August 2014, at NSS Hindu College, Kottayam, Kerala, India.
9. Presented a paper titled “A New Polymeric Material for the Optimization of Corrosion Coatings” 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.

4.2. List of Workshops, Symposium, Seminars and Development Programmes attended:

1. Participated in DST-SERB Sponsored National Workshop on Nanomechanical and Tribological Characterization of Materials organized by Sathyabama Institute of Science & Technology on 04-05 March 2022.
2. Participated in a National Virtual Conference on Modern Zoology: Known and Unknown (NCAMEA-2021) organized by Frontiers in Modern Zoology (FIMZ) & Zoology Association, C. Abdul Hakeem College, Melvisharam on 28 – 29 October 2021
3. Participated in a workshop on International Virtual Lecture workshop on Challenges & Issues in Coastal and Ocean research (CICOR-2021) organized by Bharathidasan University on 20-22 September 2021.
4. Participated in International Technical Symposium on Corrosion (ITSC 2021) organized by National Corrosion Council of India & Central Electrochemical Research Institute (CECRI) on 3 March 2021.
5. Participated in a One day Workshop on “Hands-on Training on Electrochemical Techniques” organized by Centre for Green Energy Technologies, Mandanjeet school of Green Energy Technology, Pondicherry University, on 30 November 2018.
6. Participated in a Two day Training Course on “Corrosion Prevention and Control-(CPC-2014)” organized by Nace-South Zone & the Department of Metallurgical and Materials Engineering, IIT Madras, Chennai, on 12-13 September 2014.
7. Participated in a Two day “National level Workshop on Analytical Techniques for Research in Chemistry, (ARTC-2015)” organized by Department of Chemistry, B. S. Abdur Rahman University, Chennai, on 21-22 April 2015.

4.3 Research Identification* (IF ANY)

Orcid ID: 0000-0003-2276-5381	SCOPUS ID: 57194457236
VIDWAN ID: 506591	Google Scholar ID: wQ9qfk8AAAAJ