



KHADIR MOHIDEEN COLLEGE  
(M.K.N. MADHARASA TRUST WAQF)  
ADIRAMPATTINAM



## STAFF PROFILE

1. Name : **Dr. S. A. Fowziya**
2. Gender : Female
3. Date of Birth : 17.05.1979
4. Designation : Assistant Professor of Chemistry
5. Date of Joining in Teaching Profession : July 2002
6. Date of joining in our Institution : 2014
7. Address  
Residential : 16A/1 Beach Street,  
Adirampattinam- 614701. Official: Khadir Mohideen College  
Adirampattinam- 614701

Cell No.:+917502829005

Mail Id.: fowjaha@gmail.com

8. Google Scholar Link
9. Educational Qualifications (from UG level)

S.No.	Examination Passed	College	University	Year of Passing	Class
1.	UG	KhadirMohideen college, Adirampattinam	Bharathidasan University	1999	I
2.	PG	KhadirMohideen college, Adirampattinam	Bharathidasan University	2002	I
3.	M.Phil	KhadirMohideen college, Adirampattinam	Bharathidasan University	2007	I
4.	B.Ed	Shaik Jalaludeen B.Ed College, Adirampattinam	Madras University	2014	I
5.	Ph.D	KhadirMohideen college, Adirampattinam	Bharathidasan University	2019	

10. Teaching experience as on 31-05-2021

U.G: 06  
P.G: 06  
M.Phil.: -  
Ph.D.: -

11. Research Area of Specialization : Photocatalysis (Nano chemistry)
12. Teaching Area of Specialization : Chemistry
13. Languages known : Tamil, English, Hindi

14. Computer Proficiency :DCA  
 15. Research Supervision  
 Ph.D.: Awarded- ..... Submitted ..... Pursuing .....

Details of Ph.D. awarded scholars:

S.No.	Name of the Scholar	Title of the Thesis	University/College	Date of Viva
1				
2				
...				

Details of Ph.D. thesis submitted scholars:

S.No.	Name of the Scholar	Title of the Thesis	University/College	Date of submission
1				
2				
...				

Details of ongoing Ph.D. Scholars:

S.No.	Name of the Scholar	Title of the Thesis	University/College	Date of Registration
1				
2				
...				

M.Phil Degree (Year wise from date of joining)

Awarded : .....

Pursuing : .....

16. RESEARCH PAPER PUBLICATIONS (NATIONAL/INTERNATIONAL)

S.No	Title of the Paper & Authors	Journal Name	Vol & Number	Month & Year	Citation index	Impact Factor
1	Photocatalytic degradation of Bisphenol- A in the presence of TiO <sub>2</sub> nanoparticles: Effect of solvent on size control, <b>S. A. Fowziya</b> , et al.	<i>International Journal of Desalination and water treatment</i>	79, 301	2017	3	1.15
2	Oxidative Hydrothermal Synthesis of Ce <sub>2</sub> O <sub>3</sub> -ZrO <sub>2</sub> -Y <sub>2</sub> O <sub>3</sub> Nanocomposites and Their	Journal of Bionanoscience	12, no. 4	2018	1	0.97

	Photocatalytic and Biological Studies, <b>Fowziya, S. A.</b> , A. M. Mohideen, M. ValanArasu, A. R. Jahangir, A. Mohamed Saleem, A. Ayeshamariam, and M. Jayachandran.		(478-487)			
3	Synthesis and Characterization of CeO <sub>2</sub> -ZrO <sub>2</sub> Nanocomposites . <b>S.A.Fowziya</b> , A.M.UdumanMohideen, A.AfroosBanu, A. Ayeshamariam, A.R. Mohamed Jahangir, A. Mohamed Saleem, M. Jayachandran	<i>Journal of Nanoscience, Nanoengineering &amp; Applications.</i> <a href="http://www.stmjournals.com">www.stmjournals.com</a>	Vol.8, No 3 ISSN: 2231-1777 (Online), ISSN: 2321-5194	2018		7.03
4	Dielectric Studies of ZrO <sub>2</sub> Semiconducting Oxide Materials and its Characterization, Fowziya, Shaik Ali, AM UdumanMohideen, A. Mohamed Saleem, MT SadadAbdussamad, V. Fairose, N. Anuradha, and A. Ayeshamariam	<i>Nano Trends-A Journal of Nano Technology &amp; Its Applications</i>	20, no. 2 26-35p	2018		6.17
5	Exceptional Encouraged Results in the Characterisation and Applications of Semiconducting CeO <sub>2</sub> and Its Dopant Nanocomposites-A Review, Fowziya SA, Uduman M AM, Kavin M M, Ayeshamariam A, Mohamed S A. et al.	<i>EngTechnol Open Acc</i>	1(4): 555-569	2018		0.059
6.	"Evaluation of the Cytotoxicity Effect on HAP Doped with Ce <sub>2</sub> O <sub>3</sub> and Its Assessment with Breast Cancer Cell Line of MCF-7, Thirumamagal, R., <b>S. A. Fowziya</b> , A. M. Mohideen, A. HameedhaBeevi, A. Ayeshamariam, A. Mohamed Saleem, and M. Jayachandran.	<i>. Journal of Bionanoscience</i>	12, no. 3 350-356	2018	7	0.97
7.	ZnO/TiO <sub>2</sub> Nanocomposites Semiconductor for Bacterial Applications and Dye-Sensitized Solar Cell Applications, Geetha, N., S. Sivaranjani, A. Ayeshamariam, M. Kavin Micheal, D. Saravankumar, <b>S. A. Fowziya</b> , A. M. Mohideen, and M. Jayachandran.	<i>Journal of Advanced Microscopy Research</i>	13, no. 1 3-11.	2018	3	0.56
8.	Reliability Evaluation of Embeddable Reference Electrodes for Use in Reinforced Cement Concrete by Using TiO <sub>2</sub> Doped with SnO <sub>2</sub> , Manjula, N., <b>Fowziya, S.A.</b> , Ayeshamariam, A., Selvan, G. and Thirumamagal, R.	<i>J Powder Metall Min,</i>	7(186), p.2.	2018		5.36
9.	Solar Energy Materials Synthesis and Characterization, Ayeshamariam A AfroosBanu A, Fowziya SA, NaseemaBanu S, Neelaveni S, Baby Shalini P, Jayachandran M. <a href="http://techjournals.stmjournals.in/index.php/JoRACHV/issue/view/134">http://techjournals.stmjournals.in/index.php/JoRACHV/issue/view/134</a>	<i>Journal of Refrigeration, Air Conditioning, Heating and Ventilation</i>	<b>6(3): 24-37p</b>	2019		6.974
10	Novel synthesis of cerium oxide	<i>Journal of</i>	<b>42,</b>	2021		1.75

	nanophotocatalyst by a hydrothermal method, <b>Fowziya Shaik Ali</b> , Faisal Al Marzouqi, A. AfroosBanu, M. Ismail Fathima, AR Mohamed Jahangir, K. Mohamed Rafi, and A. Ayeshamariam.	<i>Semiconductors</i>	<b>no. 12 12280 1.</b>			4
11	Synthesis and Characterization of Bi <sub>2</sub> O <sub>3</sub> NPS and Photocatalytic Application with Methylene Blue DOI: 10.21203/rs.3.rs-577935/v1, <b>Fowziya Shaik Ali</b> , Faisal Al Marzouqi, M. Ragamathunnisa, Mohamed Jahangir AR, A. Ayeshamariam, and K. Kaviyarasu.	Journal of optoelectronic and Biomedical Materials	Vol.1 3, No.3.	2021	2	

#### 17. RESEARCH PAPER PUBLICATIONS (NATIONAL/INTERNATIONAL CONFERENCE PROCEEDINGS)

S.No.	Title of the Paper & Authors	Name of conference	Vol & Number	Month & Year	ISBN Number
1	Synthesis and characterisations of ZnO doped with Ce <sub>2</sub> O <sub>3</sub> NPs	RTNTR - 2018			

18. Resource Person in State Level / Symposium/ National / International Conferences

19. Papers Presented in State Level / Symposium/ National / International Conferences

20. Seminars / Conferences / Workshops Organized

#### 21. Seminars / Conferences / Workshops Attended

##### In Seminars and Conferences

1. Training programme on Electrochemical Methods for Evaluation of Nano materials organized by the Department of Chemistry, National Institute of Technology, Tiruchirappalli from 20<sup>th</sup> Nov. 2014 to 21<sup>st</sup> Nov. 2014.
2. National seminar on Solid State Physics and its Applications organized by PG and Research Department of Physics, Jamal Mohamed College, Tiruchirappalli on February 28, 2018.
3. Webinar on Research innovation And extension, Khadir Mohideen College, Adirampattinam on 15.06.2020.
4. Webinar, Basic concepts in physical chemistry”, Khadir Mohideen College, Adirampattinam, on 5.08.2020.
5. One Day National Webinar on “Teachers in Digital Times: Makers of a New Education System” on occasion of “Teachers Day” organized by Saint Francis De Sales College, Nagpur on 5th September, 2021.
6. One Day National Webinar on “IPR Patent Design” organized by Electronics Department, Saint Francis De Sales College, Nagpur on 14th September , 2021.
7. One day National Webinar on “World Patient Safety Day” organized by Saint Francis De Sales College, Nagpur on 17th September, 2021.

8. One day National Webinar on “Gender Equity” organized by Saint Francis De Sales College, Nagpur on 20th September, 2021.
9. one day National Webinar on “Winning the Battle Against Cancer” on the occasion of “World Rose Day” organized by St. Francis De’ Sales College, Nagpur on 22 September, 2021.
10. one day National Webinar on “Winning the Battle Against Cancer” on the occasion of “World Rose Day” organized by St. Francis De’ Sales College, Nagpur on 22 September, 2021.
11. Two days International Virtual Workshop on Astrophotography organized by PG and Research department of Physics the New College, Chennai on September 24-25, 2021.
12. One day National Webinar on “International Day of Girl Child” organised by St. Francis De’ Sales College, Nagpur on 11th October, 2021.
13. One-day Webinar on “Smart materials and their Applications” conducted by the PG and Research Department of Physics, KMC, Adirampattinam on 14.12.2021.
14. Two-day National Webinar on Recent Advances in Medicinal Chemistry” organized by Department of Chemistry, Ayya Nadar Janaki Ammal College, Sivakasi, Tamil Nadu, held on 27.12.2021 & 28.12.2021.
15. One-day Webinar on "CHEMSKETCH APPLICATIONS"" organised by the Department of Chemistry V.V.VANNIAPERUMAL COLLEGE FOR WOMEN, Madurai on 18.02.2022.
16. One-day Webinar on “Desiccant Assisted Dehumidification and Cooling System” conducted by Department of C.S and Engineering, Guntur on 30.09.2022

#### **Faculty Development program**

1. Five days International Faculty Development Program “Virtual Workshop on Advanced Characterization Techniques and Computational Modelling” organized by PG & Research Department of Physics, Holy Cross College (Autonomous), Tiruchirappalli, from 27th September 2021 to 1st October 2021.
2. Five-day Virtual International Faculty Development Programme on “Instrumentation Techniques and Advanced Materials” organized by the “Department of Chemistry” in association with the Internal Quality Assurance Cell (IQAC) from 21/09/2021 to 25/09/2021 under UGC PARAMARSH Scheme

#### **Workshop Attended**

1. Lecturer cum workshop on Interpretation of Spectral, Chromatography, Crystallographic and Computational Data of Chemical Systems jointly organized by CRD, PRIST University and IICPT, Thanjavur on January 28 – 30, 2016.
2. Two days lecture workshop on Recent Development on Applied Physics organized by physics Research Association Khadir Mohideen College on 18<sup>th</sup> & 19<sup>th</sup> of March, 2017
3. Attended 3 days, Bharathidasan University School of Chemistry Science academics Lecture workshops on Emerging Trends in Chemistry Synthesis (ETCS) on 22-24<sup>th</sup> March 2018.
4. One Week National Online Workshop on “Robotic Process Automation Design & Development” Organised by Department of Electronics, St. Francis De Sales College, Nagpur from 20-24 September, 2021.

22. Books Written and Published

23. Member in Editorial Board

24. Reviewer of the following journal

25. Membership in Academic Body/Board of Studies

26. Guest Lecturer

27. Membership of Professional Bodies

28. Details of Major/Minor Research Projects taken so far:

S.No.	Title of the Project	Funding Agency	Minor/Major	Grant	Period

29. Details of participation in extra and co-curricular activities in our and other colleges:

S.No.	Name of Activity	Period

30. Orientation / Refresher/Short Term/MOOC/Other Courses Attended

S.No.	Name of the Course	Place of the Course	Duration	Period
1				
....				

31. Honors and awards received: AIRF Award for Excellence Teaching in Higher Education – 2018

Prof.Sivaramakrishnan Nagarajan Endowment – BDU 2002

Rahmath Memorial Award for University toppers, KMC – 2002

Outstanding Student Award from Lions Club, Adirampattinam – 2002