

Name	Dr .S. SYED ZAHIRULLAH			
Contact (office)	Professor & Head, Department of Science and Humanities M.I.E.T Engineering College Trichy.			
Email	physics.hod@miet.edu			
Educational Qualifications	DEGREE	EDUCATIONAL INSTITUTION	BOARD/ UNIVERSITY	YEAR OF PASSING
	Ph.D., (Physics)	Anna University, Chennai	Anna University	2019
	UGC-State Eligibility Test (SET) Qualified	Mother Teresa Womens University, Kodaikanal	Mother Teresa Womens University	2018
	M.Phil., (Physics)	Urumu Dhanalakshmi College, Trichy	Bharathidasan University	2004
	M.Sc., (Physics)	Jamal Mohamed College, Trichy	Bharathidasan University	1996
	B.Sc., (Physics)	Jamal Mohamed College, Trichy	Bharathidasan University	1993
Professional Career Profile	Organization	Designation	Date of Joining	Duration of work
	M.I.E.T.Engineering College	Lecturer	10.09.1998	25.04.2008
	M.I.E.T.Engineering College	Asst.Professor	26.04.2008	30.11.2011
	M.I.E.T.Engineering College	Professor	01.12.2011	Till Date
Awards & Recognitions	Bharathidasan University III Rank in M.Sc., Physics certificate of merit from Jamal Mohamed college in 1996.			
Membership in Professional Bodies	ISTE (Life Member)			
Academic Areas of Interest	Thin films, solid state physics, Properties of matter, Nuclear Physics, Atomic Physics			

Administrative Capabilities

- Head of the department for First year from 2011 to 2020.
- Coordinator for the NBA process-8th Criteria in first year department from 2019 onwards.
- In-charge of physics lab for the period of 1998 to 2008.
- Established of Physics lab in MIET Engineering College in the year 1998.
- In-charge for the Purchase of Instruments and Components for Physics lab to our college from September 1998 to March 2020.
- Time table In-charge in the first year department from September 1998 to July 2001.
- Produced 100% result in Engineering Physics-I in the year November 2004.
- Established of Physics lab in MAR college of Engineering and Technology in the year 2008.
- Acted as Panel member for the Selection of Physics Faculty members in our college from 2004.
- Registration Committee Coordinator for Graduation day function in our college from February 2009 to February 2020.
- Convener for first year Inaugural function in our college from August 2008 to August 2019.
- Acted as chairperson of class committee meeting to the students for various departments from 2015 to 2020.
- Admission cell Committee member to the first year students from 2017 to 2020.
- Acted as Vice Chairman of Anna university central valuation for physics board in the year 2015.
- Convener for the conduct of National level symposium 'Sparker'2020' in our college.
- Worked for the distribution of calendar in various mosques in and around Tanjore districts in 2019.
- Arranged Meelad day function at Samad School, Khajamian and Ayesha schools during the academic year 2019 to 2020.
- Visited various mosques in Tanjore, Pattukottai, Kumbakonam, Myladudurai & Tiruvarur districts for branding of our college related to admission work in the year 2019-2020.

PUBLICATIONS

- **Syed Zahirullah, S**, 2018, 'Synthesis and characterization of Bi doped ZnO thin films using SILAR method for ethanol sensor', Materials Letters, vol.230, pp. 1-4, ISSN: 0923-0645 (**Annexure I, Impact Factor- 2.687**).
- **Syed Zahirullah, S**, 2018, 'Morphology-controllable of Sn doped ZnO nanorods prepared by spray pyrolysis for transparent electrode application', AIP Conference Proceedings, vol.1953, no.1, pp.1-5, ISSN: 0094-243X.
- **Syed Zahirullah, S**, 2017, 'Structural and optical properties of Cu-doped ZnO nanorods by silar method', Materials Technology: Advanced Performance materials, vol. 32, no. 12, pp. 755 -763, ISSN : 1066-7857 (**Annexure I, Impact Factor– 1.155**).
- **Syed Zahirullah, S** , 2016, 'Influence of Curcumin extract on the Characterisitcs of copper sulphide Thin film prepared by SILAR method', International Journal of Advanced Engineering Technology, vol. 8, no. 2, pp. 1086 -1091, ISSN 0976-3945.
- **Syed Zahirullah, S**, 2016, 'Cannons of Dindigul Fort- A marvel of Indian metallurgical skill' Journal of Chemical Science and pharmaceutical Sciences, vo.9 (1), pp166, ISSN: 0974-2115.
- **Syed Zahirullah, S**, 2015, 'A study of Electrical and Optical properties of Mercury doped Cadmium oxide Thin films by Spray Pyrolysis Method', International Journal of Chem Tech. Research, vol.8, no.10 pp. 217-221, ISSN 0974-4290.
- **Syed Zahirullah, S**, 2015, 'the effect of organic sulphide compound on corrosion behavior of metal in acidic medium' International journal of Nano corrosion Science and Engineering' vol.2 (5), pp. 132-145.
- **Syed Zahirullah, S**, 2015, 'Magnesium oxide nanoparticles – synthesis and characterization', International journal of Nano corrosion Science and Engineering' vol.2 (5), pp. 64-69.
- **Syed Zahirullah, S**, 2014, 'Influence Of Molar Concentration On Optical Properties Of Copper Sulphide Thin Film By SILAR Method', International Journal of Chem Tech.Research, vol.6, no.7 pp. 3573-3578, ISSN 0974-4290.
- **Syed Zahirullah, S**, 2014, 'Copper doped Zinc Sulphide Thin Films by Successive ionic Layer Deposition (Silar) Method', Research Journal of Engineering and Technology, vol.5.no.1, pp 5-6, ISSN 0976-2973.

INTERNATIONAL CONFERENCE

- Optical properties of Boron doped Zinc Oxide thin films by SILAR method in an International conference on Chemical and Environmental Research Organized by PG and Research department of chemistry, Jamal Mohamed College, Tiruchirappalli on 8th January 2020.
- The structural and optical properties of Cu-doped ZnO Nanorods prepared by SILAR method in an International conference on Chemical and Environmental Research' Organized by PG and Research department of chemistry, Jamal Mohamed College, Tiruchirappalli on 7th January 2017.
- The effect of organic sulphide compound on corrosion behavior of metal in acidic medium' in an International conference on Chemical and Environmental Research Organized by PG and Research department of chemistry, Jamal Mohamed College, Tiruchirappalli on 17th December 2015.
- Optical, Structural And Morphological Properties Of Tin Sulfide Nano Thin Films With Complexing Agent EDTA For Solar Cell Applications" in an International conference on "GreenTechnologies for Environmental Pollution Control and Prevention" during 27th to 29th September 2014 at NIT, Tiruchirappalli. Tamil Nadu.
- Influence of molar concentration on optical properties of copper sulphide thin film by SILAR method, TEQIP II Sponsored International Conference on Environmental Geo-techniques (ICEGEO'14), organized by Department of Civil Engineering, Bharathidasan Institute of Technology, Anna University, Tiruchirappalli 620 024, 30th & 31st October 2014.
- EDTA added Copper Sulphide thin films for opto - electronic applications, TEQIP II Sponsored International Conference "Energy and Environmental Engineering", Organized by Department of Petro-Chemical Engineering, Bharathidasan Institute of

Technology, Anna University Tiruchirappalli 620 024, during 6th & 7th November 2014.

NATIONAL CONFERENCE

- Advances in Applied Chemical Sciences and Materials Technology- TEQIP-II sponsored National conference organized by the Department of Chemistry, Bharathidasan Institute of Technology, Anna University, Tiruchirappalli, during 17th & 18th October 2014.
- Optical properties of Copper Sulphide thin film by SILAR method- UGC Sponsored National Seminar on Recent Trends in Crystal Growth and Nano Materials (NSCGNM -2014) organized by PG & Research Department of Physics, National college (Autonomous), Tiruchirappalli, in Association with Indian Association for Crystal Growth during 7th - 9th August 2014.
- Triethanolamine added Copper Tin Sulfide ($Cu_xSn_{1-x}S_y$) nano semiconductor thin films for photovoltaic applications. TEQIP – II Sponsored National conference on Advancement in materials Science, 26th September 2014 Organized by Department of Physics Coimbatore Institute of Technology.
- Influence Of Molar Concentration On Optical Properties Of Copper Sulphide Thin Film By SILAR Method, Second National onference On Recent Advances In Materials (NCRAM-14), Organized by Department Of Physics, B.S. Abdur Rahman University Vandalur, Chennai-600 048, during 3rd & 4th September 2014.
- Effect of increasing molar composition on the structural, morphological and optical properties of $FexCd_{1-x}S_y$ nano thin films deposited by SILAR method, CSIR sponsored national seminar on novel materials (NSNM 2013) 08th MARCH – 2013, Department of Physics, Shivani Engineering College. ISBN.

WORKSHOP/SEMINAR

- Recent Advancements in Materials' in National Level seminar Organized by PG and Research department of Physics, Jamal Mohamed College, Tiruchirappalli, on 15th February 2017.
- A 5-day National level training programme on "Thesis Writing: From copper strip to gold" bar conducted by Bharathidasan university, Tiruchirappalli from 30th Oct. 2017 to 3rd Nov.2017.
- Chemistry for Sustainable Green Environment Lecture workshop Organized by Department of Chemistry, Bharathidasan Institute of Technology, Anna University, Tiruchirappali on 11th and 12th March 2016.
- One day workshop entitled Heuristic approach in Teaching conducted by Anna University of Technology, Trichy on 29.03.2011.
- One day workshop entitled Societal Implication of Nano Science and Technology conducted by Anna University of Technology, Trichy on 23.12.2010.
- A three day residential workshop for faculty members on "Personal and Professional Excellence" organized by M.I.E.T. Educational institutions from 16th Jun.2009 to 18th Jun.2009.
- Two days workshop entitled Nano Materials conducted by National Institute of Technology, Trichy during 02 & 03.12.2006.
- One day workshop entitled Experiments with He-Ne Laser and Optical Fibers conducted by Regional Engineering College, Trichy on 02.03.2002.
- One day workshop entitled Innovative and Concept Centered Experiments conducted by Regional Engineering College, Trichy on 18.01.2002.