

ACADEMIC PROFILE

Name of the staff	Dr. K.A.Z. Syed Abuthahir	
Designation	Assistant Professor	
Name of the Department	Physics	
Communication Address	Phone: - Mobile: 63749 16293 e-mail: Office: - Personal: kazsyednew@gmail.com	
Teaching experience:	Date of joining this College: 13.04.2009 Experience in ZHC in SF Stream : 5 Years 6 Months Experience in other Colleges: - Total Experience as of 29/07/2024: 20 Years 09 Months	

Academic Qualifications:

Name of the Degree	University	Year	Division & Distinction
B.Sc	MKU	1997	First Class
M.Sc	BDU	1999	First Class
GATE	DSHE,MHRD, India	2007	ALL INDIA RANK 1001
M.Phil	ALU	2008	First Class
Ph.D	CECRI + MKU	2016	Commendable

RESEARCH AND ACADEMIC CONTRIBUTION:**A: DETAILS OF RESEARCH PAPERS PUBLISHED****i) Refereed Journals*** (throughout the career)

<i>Title of the Article</i>	<i>Author</i>	<i>Co-Authors</i>	<i>Name of the Journal Vol. No. & Page</i>	<i>International / National</i>	<i>Impact Factor, Scopus index, etc.</i>
Reverse Loop Impedance Profile in Bi ₂ S ₃ Quantum Dots	K.A.Z. Syed Abuthahir	R. Jagannathan	Materials Chemistry and Physics 121 (2010) 184–192	International	IF = 2.78 H-index = 143
Supra gap excitation properties of differently confined PbS-nano structured materials studied with opto-impedance spectroscopy	K.A.Z. Syed Abuthahir	Rohit Ranganathan Gaddam Praveenkumar Pallapothu Manoj Krishna Sugumar R.Jagannathan	Journal of Nanophotonics 7(1):73075,2013	International	IF = 1.189 H-index = 137
Opto-impedance characteristics of europium doped strontium aluminate and strontium chlorapatite phosphors: A comparison	K.A.Z. Syed Abuthahir	P. Kaleeswari Jagannathan Thirumalai S. P. Manoharan A. Sundara Raj R. Jagannathan	Journal of Physics D Applied Physics 41(17) DOI: 10.1088/0022-3727/41/17/175412	International	IF = 2.829 H-Index = 185

ii) Non-refereed journals with ISSN/ISBN (throughout the career)

<i>Title of the Article</i>	<i>Author</i>	<i>Co-Author(s)</i>	<i>Name of the Journal Vol. No. & Page</i>	<i>International / National</i>	<i>ISBN/ISSN</i>
Impedance Studies on Fresh and Aged Sb ₂ S ₃ Quantum Dot Colloidal Solution	K.A.Z. Syed Abuthahir	-	Journal of Applied Science and Computations Vol 5, Issue 9, Sep/2018	International	1076-5131

iii) Full paper published in the Proceedings of Conference/Seminars/Symposia, etc
(throughout the career)

<i>Title of the Article</i>	<i>Author</i>	<i>Co-Author(s)</i>	<i>Name of the Programme</i>	<i>Organizer</i>	<i>Date</i>	<i>ISBN/ISSN, if any</i>
Development of Solution Processed Fast Bi ₂ S ₃ -Ag NP Nano Composite Thin Film Photo Sensors	K.A.Z.Syed Abuthahir	R.Jagannathan	Proceedings of the National Conference on Spintronic Materials: Nanostructures and Devices	Kongu Engineering College, Perunthurai, Tamil Nadu	03.04.2011	-

B: RESEARCH PUBLICATIONS:

i) Text or Reference Books published by International publisher (throughout the career)

<i>Title of the Book</i>	<i>Author</i>	<i>Co-author</i>	<i>Name of the Publisher</i>	<i>Month & Year of publication</i>	<i>Price per copy</i>

ii) Subject Books by National level publishers / State and Central Govt. Publications with ISBN/ISSN Number:

<i>Title of the Book</i>	<i>Author</i>	<i>Co-author</i>	<i>Name of the Publisher</i>	<i>Month & Year of publication</i>	<i>ISBN/ISSN</i>

iii) Subject Books by other Local Publishers with ISBN/ISSN numbers

<i>Title of the Book</i>	<i>Author</i>	<i>Co-author</i>	<i>Name of the Publisher</i>	<i>Month & Year of publication</i>	<i>ISBN/ISSN</i>

iv) Chapters contributed to edited knowledge-based volumes published by the International Publishers:

<i>Title of the Book</i>	<i>Name of the Editor</i>	<i>Chapter contributed</i>	<i>Author/ Co-Author</i>	<i>Name of the Publisher</i>	<i>ISBN/ISSN</i>

v) Chapters in knowledge-based volumes by national level publisher with ISBN/ISSN and with numbers of national and international directories:

<i>Title of the Book</i>	<i>Name of the Editor</i>	<i>Chapter contributed</i>	<i>Author/ Co-Author</i>	<i>Name of the Publisher</i>	<i>ISBN/ ISSN</i>

C : DETAILS OF RESEARCH PROJECTS

i) Major/Minor Research Projects (throughout the career)

<i>Title of the Project</i>	<i>Minor / Major Project</i>	<i>Funding Agency</i>	<i>Period</i>
Optoelectronic Properties of IV-V/VI Chalcogenide Nanoparticles	Minor	UGC	2010-11

D: RESEARCH GUIDANCE

i) Details of Ph.Ds Awarded/Submitted

<i>Name of the Scholar</i>	<i>Title of the Thesis</i>	<i>Submitted / Awarded</i>	<i>Name of the University</i>	<i>Month and Year</i>

ii) Details of M.Phil. awarded

<i>Name of the Scholar</i>	<i>Title of the Thesis</i>	<i>Name of the University</i>	<i>Month and Year</i>

E (i) Training Courses and Conferences/Seminars/Workshop attended Refresher / Orientation Courses attended:

<i>Orientation / Refresher</i>	<i>Organisers / Place</i>	<i>Period / Duration</i>
72nd Orientation Programme	Bharathidasan University, Trichy	11.11.2011-08.12.2011
Refresher Course in Physics for College/University Teachers	Maduarai Kamaraaj University	12.11.2013-02.12.2013
Refresher Course in Physics for College/University Teachers	Maduarai Kamaraaj University	10.11.2021-23.11.2021

(ii) Participation in Seminars / Conferences / Workshops / Training Programmes / Webinars:

<i>International / National / State level</i>	<i>Organizers / Place</i>	<i>Date</i>	<i>Theme of the Seminar</i>
National	Arul Anandar College, Karmathur, Madurai.	22-23, September, 2005	National seminar on "Emerging trends in physics"
National	Dr.Zakir Husain College, Ilayangudi.	09-10, February, 2011	National seminar on "Application of Nanotechnology in current agricultural practices"
National	Kongu Engineering College, Perundurai, Erode.	3-4, March, 2011	National conference on "Spintronic Materials: Nanostructures and Devices"
National	CECRI, Karaikudi	30, March, 2011	Faculty Training and Motivation Programme
International	St. Joseph College, Trichy	01, March 2019	International Web Conference on Advanced Materials IWCAM 2019

(iii) Papers presented in Seminars / Conferences / Workshops / Training Programmes participated:

<i>International / National / State level</i>	<i>Organizers / Place</i>	<i>Theme of the Seminar</i>	<i>Date</i>	<i>Title of the Paper presented</i>
National Conference	Alagappa University	Proceedings of the National Conference on Recent in Nanomaterials for Sensor Applications	06,07.03.2014	Signature for Mutiexciton Generation observed in PbS Quantum Dots with Opto-Impedance Spectroscopy

(iv) Details of Invited lectures in Conferences/Seminars/Symposia, etc.

<i>Name of the Programme</i>	<i>Organiser of the Programme</i>	<i>Level: International / National</i>	<i>Topic</i>	<i>Date</i>
Demonstrated Lecture on Classical Physics	Ananda College, Devakottai, Tamil Nadu	National Level	Pedagogy & Classical Physics	03.08.2015
Young Student Scientists Programme - 2019	Dr.Zakir Husain College, Ilayangudi Supported By Tamilnadu	State Level	Laboratory Session in Physics	27.05.2019

ACADEMIC PROFILE

	State Council For Science and Technology			
In-service Training Programme for Science and Technology	Tamilnadu State Council For Science and Technology	State Level	Pedagogical Methods in Physics	04.01.2024

F. Awards won

Name of the Award	Organisers of the Award	Date

G. Membership in Board of Studies:

Name of the University / Autonomous College(s)	Chairman / Member	Period

H. Position held in University Exam Related Works:

Name of the University	Chairman / Chief Examiner / Question Setter	Period
S. Vellaichamy Nadar College	Question Setter	Nov 2015

I. Various Positions held in the college so far:

Name of the Position	Period	Achievements

J. Other Achievements:

- ❖ **Topper and Gold Batch in the MOOC Course “Introduction to Classical Mechanics” From IIT Madras.**
- ❖ **Topper and Silver Batch in the MOOC Course “Group Theory Methods in Physics” From IIT Bombay**

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