

STAFF PROFILE

Name : S. FATHHOOR RABBANI

Designation : ASSISTANT PROFESSOR

Department : PHYSICS

Email : rabbani.phy@cahc.edu.in

Mobile No. : 9941061119



1. Academic Qualification

Degree	Year	Subject	Institution	University
Ph.D.	2019	PHYSICS	B.S. Abdur Rahman Crescent University, Vandalur, Chennai.	B.S. Abdur Rahman Crescent University, Vandalur, Chennai.
M.Phil.	2008	PHYSICS	Alagappa University, Karaikudi	Alagappa University, Karaikudi
PG	2002	PHYSICS	Jamal Mohamed College, Trichy.	Bharathi dasan University, Trichy.
UG		PHYSICS	C. Abdul Hakeem College, Melvisharam.	Madras University, Chennai.
Other				

2. Work Experience

S.No.	Positions Held	Name of the Institute	From	To
1	Assistant Professor	C. Abdul Hakeem College (Autonomous), Melvisharam.	Nov, 2020	Till date
2	Assistant Professor	Dhanalakshmi College of Engineering, Manimangalam, Tambaram.	June, 2017	April, 2018
3	Assistant Professor	Dhaanish Ahmed College of Engineering, Padappai, Tambaram.	June, 2010	April, 2015

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

S.No.	Name of the Award	Awarding Agency	Year
1	Best Teacher Award	Dhaanish Ahmed College of Engineering, Padappai, Tambaram.	2011
2	Best Result Award	Dhaanish Ahmed College	2011

STAFF PROFILE

		of Engineering, Padappai, Tambaram.	
--	--	--	--

4. 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	REFRESHER COURSE IN PHYSICS, BATCH XXV	HRDC, UNIVERSITY OF MADRAS, CHENNAI.	21.11.20 23 – 05.12.23
2	FACULTY INDUCTION PROGRAMME (FIP)	UGC-HRDC, University of Madras, Chennai – 600005.	22/06/2 022 TO 21/07/2 022
3	Five Day Faculty Development Program (Online) on Nanomaterials For Sustainable Future	GMR Institute of Technology, Rajam.	12th - 16th Decembe r, 2022
4	Three Day Faculty Development Program on Strategies for Effective Teaching	HRDC- Thiruvalluva r University, Vellore.	05.12.22 to 07.12.22

4.1 Membership of Professional Bodies

Name of the Professional Body	Member Type	Year
Indian Society for Technical Education (ISTE)	Lifetime member	2013

4.2 Membership in Committee(s)

STAFF PROFILE

Name of the Committee	Designation	Year

5. Research & Development

5.1 List of Projects (Title, Funding agency, Amount Generated)

Year	Title of the Project	Funding Agencies	Amount	Status

5.2 List of Papers published (Name, Title, Journal Name, Volume, Year, Page No) (Link if any)

Year	Name of the Authors	Title of the Paper	Vol., Year, Page No	Link if any
2015	S. Fathoor Rabbani, I.B.S.Banu	Half metallic ferromagnetism in (Mn,Cr) co-doped ZnS dilute magnetic semiconductor by First principles calculation	101 (2015) 281-286	https://doi.org/10.1016/j.commatsci.2015.01.043
2017	S. Fathoor Rabbani, I.B.S.Banu	An ab-initio calculation of half-metallic ferromagnetism in vanadium doped ZnS	695 (2017) 3131-3138.	https://doi.org/10.1016/j.jallcom.2016.11.336

STAFF PROFILE

2023	S. H Hasham, S. Fathhoor Rabbani, L. Rane, N. Subasree	Evolution of Borophene as a Smart 2- Dimensional Material for Biomedical Applications	2603, 040006 (2023)	https://doi.org/10.1063/5.0126233
2023	S. Mohanasundaram, S. Fathhoor Rabbani, M. Rohit Ayyagari, V. Sampath	SnS ₂ nanosheets as next-generation artificial enzymes for colorimetric bio-sensing of L-cystine towards diabetic management and ease of inflammatory diseases	2603, 040005 (2023)	https://doi.org/10.1063/5.0126202

5.3 Detail of patents.

Year	Title of the Patent	Status

5.4 List of Books/Reports/Chapters/General articles etc. (Author, Chapter Title, Book Title, Publisher, Year, ISBN/ISSN) (Link if any)

Year	Name of the Authors	Title of the Book/Chapter	Publisher	ISBN/ISSN

STAFF PROFILE

5.5 List of Paper Presentations in National/International Seminar/Conference (Paper Title, Seminar/Conference, Place, Date)

Year	Title of the Paper	Name of the Seminar/Conference	Place	Date
2022	Evolution of Borophene as a Smart 2-Dimensional Material for Biomedical applications.	International conference on Bio medical engineering and computing technology	SRM INSTITUT E OF SCIENCE AND TECHNOLOGY, Kattakulathur, Chennai.	23-25 th March 2022
2022	SnS ₂ Nanosheets as next generation Artificial enzymes for calorimetric biosensing of L- cystine towards diabetic management and ease of inflammatory diseases.	International conference on Bio medical engineering and computing technology	SRM INSTITUT E OF SCIENCE AND TECHNOLOGY, Kattakulathur, Chennai.	23-25 th March 2022

STAFF PROFILE

2021	Ab-initio study of structural, electronic and magnetic properties Be _{0.75} Co _{0.25} Se and Be _{0.75} Co _{0.25} Te compounds	International Conference On Functional Materials And Its Application Aspects (Icfmaa – 2021)	Department of Physics, Saveetha School of Engineering, SIMATS, Chennai.	29 &30, October 2021
2017	Electronic and magnetic properties of 4d TM doped ZnS	National conference on recent trends in functional materials (NCRTFM-2017)	B. S. Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai.	NOV 15-16, 2017
2013	First principle study on Electronic & Magnetic properties of Mn	International conference on research in condensed matter physics (ICOMP-2013)	University of Madras, Chennai.	1-3, OCT,2013
2011	Electronic and magnetic properties of half metals using band structure calculations	National conference of advances in science and technology (NCAST-2011)	Saveetha University, Chennai.	01.03.2011

5.6 List of Invited Talk

STAFF PROFILE

Year	Title of the Talk	Nature of the Event	Place	Date

5.7 VIDWAN ID: 506700 & Link

5.8 Research Identification* (IF ANY)

Orcid ID	Researcher ID
SCOPUS ID	Google Scholar ID DR. S. Fathoor Rabbani

6 Any Other