

RESUME



Name: Dr. S. ARON RABI
Designation: Assistant Professor
Department: Physics
Address : 5/6 NV Street, Athoor, Dindigul-624701

PERSONAL DETAILS

Date of Birth : 15.04.1987
Qualification : M.Sc., B.Ed., M.Phil., Ph.D
Designation : Assistant Professor
Department : Physics
Community : BC
Religion : Christian
Nationality : Indian
Mobile : 9047967718
Email ID : aron.rb@gmail.com

ACADEMIC QUALIFICATIONS

Degree	Specialization	College	University	Year of Passing
B.Sc	Physics	Ramaprabha college of arts and science	Madurai Kamaraj University	Nov 2007
M.Sc	Physics	St.Joseph's College(Autonomous)	Bharathidasan University	Jun 2010
B.Ed	Physical Science	Amman College of Education	Tamilnadu Teachers Education University	Jun 2011
M.Phil	Physics	St.Joseph's College(Autonomous)	Bharathidasan University	Sep 2012
Ph.D	Physics	National College(Autonomous)	Bharathidasan University	Feb 2021

ACADEMIC IDENTITY

*VIDWAN ID	284674
*ORCID ID	https://orcid.org/0000-0002-0923-081X
*SCOPUS ID	https://www.scopus.com/home.uri#
*RESEARCHER ID/ PUBLONS ID	GOK-0748-2022
GOOGLE SCHOLAR LINK	https://scholar.google.com/citations?user=EExO06oAAAAJ&hl=en

TEACHING EXPERIENCE

Date of Appointment	09.08.2021
Date of Retirement	15.04.2047
Teaching Experience	UG : 6
	PG :2
	M.Phil.:NIL
Research	Guided M Phil: NIL Guided Ph D:NIL Guided M.Sc Students: 3

COURSES/CLASSES TAUGHT	NAME OF THE INSTITUTIONS	DURATION		Years
		From	To	
B.E/B.Tech (Engineering Physics)	RVS College of Engineering	03.06.2013	23.07.2019	6 years 2 months
B.Sc, M.Sc (Physics)	Ramaprabha college of arts and science	01.12.2012	30.04.2013	5 Months
B.Sc (Physics)	Loyola college of arts and science, mettala	24.07.2019	30.01.2020	6 Months
B.Sc (Physics)	Subramanya College of arts and science, Palani	15.12.2020	30.04.2021	5 Months
B.Sc, M.Sc (Physics)	St.Xavier's College(autonomous)	09.08.2021	Till date	1 Years

AWARDS RECEIVED	
1.	NIL

ADMINISTRATIVE EXPERIENCE			
S. No	DESIGNATION	INSTITUTIONS	YEAR
1.	IQAC (I year Science and Humanities)	RVS College of Engineering	5 years

MEMBERSHIP		
S. No	Designation	Particulars
1.	Life Member	IACG (Indian Association Crystal growth)
2.	Life Member	MISTE (Member of Indian Society of Technical Education)

ORIENTATION / REFRESHER COURSES / FACULTY DEVELOPMENT PROGRAMME UNDERGONE ()

S. No	Name of the Training	Name of the Sponsoring Agency	Place and Date
1	Orientation Programme	Ministry of education pandit madan mohan malaviya national mission on teachers and teaching	Teaching Learning Centre, Ramanujan College University of Delhi
2	Orientation Programme	Jesuit Higher Education Commission, Madurai Province Ignatian Leadership	Loyola Technical Institute, Arappalayam, Madurai
3	Orientation Programme for Teachers	IQAC	St.Xavier's College,Palayamkottai

4	Summer Training Programme for Domestic appliance services and Solar panel Installation Techniques	State level	St.Xavier's College, Palayamkottai
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DETAILS OF RESEARCH WORK

Research Stages	Title of the Thesis	University where the work was carried out
M.Sc	Growth and Characterization of Semiorganic single crystal	Bharathidasan university
M.Phil	Synthesis and Characterization of Al doped Zn thin films using by Spray pyrolysis Techniques	Bharathidasan university
Ph.D	Growth and Characterization of Some semiorganic NLO and Its applications	Bharathidasan univeristy

AREAS OF RESEARCH

Material Science
Thin films Solar cell, Photovoltaic application
Crystal Growth for Semiorganic Nonlinear optical Application

PUBLICATIONS

BOOKS	BOOK CHAPTERS	SCOPUS	WEB OF SCIENCE	UGC LISTED
NIL	NIL	2	1	3
OTHER INDEXED	AS A RESOURCE PERSON	PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL SEMINARS	WEBINARS, SEMINARS, WORKSHOPS ATTENDED	
NIL	NIL	14	10	

RESEARCH PROJECTS CARRIED OUT			
S.No	Title of the Project (Minor)	Name of the Funding Agency & Amount	Duration
1	NIL	NIL	NIL

PUBLICATIONS: BOOKS ()			
S. No	Title of the Book	Publication	Year
1.	NIL	NIL	NIL

BOOK CHAPTERS ()			
S. No	Title of the Paper	Name of the Book	ISSN No., Pg.No
1.	NIL	NIL	NIL

PUBLICATIONS: SCOPUS INDEXED JOURNALS () WEB OF SCIENCE ()			
S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg. No
1.	Synthesis, Growth and Characterization of Nonlinear optical material Bis Thiourea Zinc (BTZA) Acetate Single Crystals by Slow Evaporation Method	International Journal of Advance Engineering and Research Development	2348-4470, Volume 5, Special Issue 07(2018) Impact factor:5.71
2.	Synthesis, Growth and Characterization of Undoped L-Lysine with Zinc Acetate Single Crystal for NLO Application	International Journal of Scientific Research in Physics and Applied Sciences	2348-3423, Vol.7, Issue.3, pp.143-146, June(2019) Impact factor: 1.320
3.	A Study of Optical, Structural, Mechanical and NLO Properties of Sarcosine Doped ADP Single Crystal by Slow Evaporation Technique	International Journal of Engineering Research & Technology	2278-0181, IJERTV8IS090059 , Vol. 8 Issue 09, September-2019 Impact factor: 0.7
4.	A new Non-Linear Optical Material and Mechanical Studies for pure and Sarcosine Doped L-Tartaric acid	International Journal of Engineering Research & Technology	2278-0181, IJERTV9IS020037, Vol. 9 Issue 02, February-2020 Impact factor: 0.7

	of Single Crystal by slow Evaporation Method		
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PUBLICATIONS: UGC LISTED JOURNALS ()			
S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg. No
1.	Growth and characterization of zts single crystal and its analysis of optical, structural, mechanical, thermal and dielectric studies	International Research Journal of Engineering and Technology	2395-0056, Volume: 04 Issue: 11 Nov -2017 Impact factor:2.7
2.	Preparation and characterization of aluminium doped zno thin films using spray pyrolysis	International Journal of Nanotechnology	Vol: 9 Issue 6(3):253-257 December 2012, Impact factor:1.2

PUBLICATIONS: OTHER INDEXED JOURNALS ()			
S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor &Pg.No
1.	NIL	NIL	NIL

AS A RESOURCE PERSON (26)			
S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	NIL	NIL	NIL

WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP PAPER PRESENTED: National () International ()			
S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1.	National conference on recent trends in materials science	DRDO	Department of Physics K.S. Rangasamy College of Technology, Tiruchengode

2.	XIX national seminar on crystal growth	UGC	Department of Physics VIT University, Vellore
3.	21st National seminar on crystal growth and Applications (NSCGA 2017)	Indian Association for Crystal Growth (IACG)	Department of Physics national college, Trichy
4.	2nd International Conference on Advanced in materials science and Technology	UGC	Department of Physics VIT University, Vellore
5.	22nd National seminar on crystal growth and Applications (NSCGA 2018)	Indian Association for Crystal Growth (IACG)	Department of Physics Sacred Heart College, Tirupattur
6.	3rd national Conference on Recent Trends in Nano Materials and Thin Films Research	DRDO	PG and Research Department of Physics A.V.V.M Sri Pushpam College, Poondi, Thanjavur
7.	International Conference on Recent Advances in Materials (ICRAM 2018)	UGC & TNSCST	Department of Physics national college, Trichy
8.	International Conference on Momentous Role of Nanomaterials in Renewable Energy Devices (IC MNRE 2018)	UGC-SAP & DST-FIST	Department of Physics, Alagappa University, Karaikudi
9.	23rd National seminar on crystal growth and Applications (NSCGA 2019)	Indian Association for Crystal Growth (IACG)	Department of Physics Bharathiar University, Coimbatore
10.	International Conference on Recent Advances in Materials Science (ICRAMS 2019)	DST-SERB, BRNS, TNSCST, TANSICHE	Department of Physics National college, Trichy
11.	National Conference on Materials	State Level	Department of

	Science (NCMS - 2020)		Physics Loyola College (Autonomous), Chennai-600034
12.	24th National Seminar on Crystal Growth and Applications (NSCGA 2020)	Indian Association for Crystal Growth (IACG)	Department of Physics, Periyar University, Salem.

WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP ATTENDED:			
S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1.	3rd International Conference on Recent Advances in Materials Science (ICRAMS-2022)	TNSCST	PG and Research Department of Physics, National College (Autonomous), Tiruchirappalli and PG and Research Department of Physics, A.V.V.M. Sri Pushpam College (Autonomous), Poondi,
2.	Workshop on Computer Interfaced Science Experiments	TNSCST	PG and Research Department of Physics, National College (Autonomous), Tiruchirappalli
3.	Science academies' virtual lecture workshop on Recent developments in classical, quantum and condensed matter physics	Indian Academy Science	PG and Research Department of Physics, National College (Autonomous), Tiruchirappalli
4.	Advances in materials synthesis	State Level	SSA college, devakottai
5.	Scientific Writing	State Level	SSA college, devakottai
6.	Emerging Trends on materials Characterization	State Level	SSA college, devakottai

7.	International workshop on strongly correlated materials	International	Centre for high pressure research, school of physics, BDU, trichy
8.	National Workshop on crystal growth, thin films and solar cells	National	PG & Research department of physics, National College , Trichy
9.	International Conference on Emerging materials and its applications	International (hybrid mode)	PG & Research department of physics, St.Xavier's College , Palayamkottai.

COUNTRIES VISITED

NIL	NIL	NIL	NIL
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EXTRA-CURRICULAR ACTIVITIES/ CO-CURRICULAR ACTIVITIES ATTENDED(NCC/NSS/YRC/SPORTS/LITERARY AND CULTURAL ACTIVITIES)

Completed Diploma in computer applications
 Got competent skill in C – Language
 Operating System for Windows 7.1,8.0

Date: 30.07.2022

Name: Dr. S. ARON RABI