



ST. ALOYSIUS COLLEGE EDATHUA

Established 1965 | Reaccredited by NAAC with 'A' Grade(Fourth Cycle) | DST-FIST Supported

Affiliated to Mahatma Gandhi University, Kottayam

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"LET THY DIVINE LIGHT SHINE MIRACULOUSLY"

FACULTY PROFILE

Personal Details

Name : Rosmin John
Department : Physics
Designation : Assistant Professor
Educational Qualification : M.Sc., M.Ed. NET(Education), NET (Physics)
Area of Specialisation : Material Science
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Education

Sl. No.	Degree	Institution/University	Year
1.	B.Sc. (Physics)	Assumption College, Changanacherry	2000-2003
2.	M.Sc.(Physics)	S.B. College, Changanacherry	2003-2005
3.	B.Ed. (Physical Science)	SJB College of Education, Nedumkunnam	2005-2006
4.	M.Ed.(Science Education)	Mount Carmel College of Teacher Education for Women, Kottayam	2006-2007
5.	SET(Physics)	Kerala State	May 2007
6.	NET(Education)	University Grants Commission	June 2009
7.	NET(Physics)	UGC -CSIR	June 2011

Career Profile

Sl. No.	Institution/Organization	Designation	Period
1.	SJB College of Teacher Education, Nedumkunnam (SF)	Lecturer	2008-2010
2.	Mount Carmel College of Teacher Education for Women, Kottayam (M.Ed.-SF)	Lecturer	2010-2012
3.	St.Aloysius College , Edathua	Assistant Professor	2012 onwards

Positions Held or Holding, if any

Sl. No.	Position	Period
1.	HoD Physics	June 2020 - October 2023
2.	NSS Programme officer	June 2015- May 2018
3.	Board Member, Cooperative society, St. Aloysius College, Edathua	2019 onwards
4.	Staff council secretary of College	June 2023 – May 2024
5.	Vice president, College staff association	2018-2019
6.	Secretary of Aloysian Physics Alumni Association - 'Diamond Dual'	2017-2020
7.	Coordinator of Energy, Environment and Green Audit of St. Aloysius college Edathua	2021-2022, 2022-2023
9.	Staff Adviser of College Union	2023-2024
10.	Staff Editor of College Magazine	2023-2024
11.	Physics Association President	2014-2015, 2019-2020
12.	College union election observer	October 2023
13.	Executive member, PTA	June 2020 -
14.	Alumnae Representative to the IQAC of Assumption College Autonomous, Changanacherry	June 2022 -

Research Publications

Sl. No.	Publication Details
1.	Inorganic ferroelectric thin films and their composites for flexible electronic and energy device applications: current progress and perspectives, Jayakrishnan A.R., Anuj Kumar, Sahana Druvakumar, Rosmin John, Meera Sudheesh, Venkata Sreenivas, Jose P.B, Journal of Materials Chemistry C published by Royal Society of Chemistry November 2022 Impact Factor – 8.067 <i>J. Mater. Chem. C</i> , 2023, 11, 827-858 https://doi.org/10.1039/D2TC04424B

Books Published

Sl. No.	Book Details
	Published a hand book 'SAHAI- A Guide to domestic electricity consumers' for enhancing public awareness on the wise and smart usage of electricity on July 2019

Invited Lectures/Paper Presentations in Conferences

Sl. No.	Conference & Presentation Details
1.	Presented a paper on “Life skill Education:A pathway to social sensitivity among Youth” in a UGC sponsored National Seminar on ‘Education and social sensitivity’ at St.Thomas Training College, Pala from 25-26 November 2010.
2.	Presented a paper on “Preparation and characterisation of metal sulphide MS (M=Pb,Cd,Zn) thin films in sol-gel matrix by spin-coating technique in UGC sponsored National seminar on ‘Smart materials for a smarter world (SMSW-2012) 27-28 September-2012 at S.B. College , Changanacherry
3.	Presented a paper on ‘preparation and characterization of ZnS thin film sol-gel matrix by dip coating method’ UGC and KSCSTE sponsored National Seminar on ‘Recent Trends in Nano and Other Materials for Energy Efficient Devices’,20-22 July 2017 conducted by St. Aloysius College ,Edathua
4.	Presented a paper on ‘preparation and Characterization of Cd S thin film in sol-gel matrix’ UGC and KSCSTE sponsored National Seminar on ‘Recent Trends in Nano and Other Materials for Energy Efficient Devices’,20-22 July 2017 at conducted by St. Aloysius College ,Edathua
5.	Presented a paper on ‘Effect of Annealing Temperature on structural and optical properties of ZnS nanocrystals’ at UGC and KSCSTE sponsored National Seminar on ‘Recent Trends in Nano and Other Materials for Energy Efficient Devices’,20-22 July 2017 conducted by St. Aloysius College ,Edathua
6.	Presented a paper on ‘Synthesis and characterization of PbS thin films by chemical bath deposition method’ in a National Seminar on ‘Recent Innovations in Atmospheric science and space weather monitoring ‘ organised by NSS Hindu College Changanacherry on 19-20 July 2018 and
7.	Presented a paper on ‘Effect of deposition time on structural and optical properties of PbS thinfilm in chemical bath method’ in a National Seminar on Advances in Material science and Recent trends in Physics-Support and Opportunities on 20-22 August 2019 organised by NSS Hindu College, Changanacherry

Seminar/Workshops Organized

Sl. No.	Title of the Seminar/Workshop	Funding Agency	Amount	Date
1.	convenor of National workshop on ‘Atomic Energy Awareness’ conducted by Indian Association of Nuclear Chemists and Allied Scientists-Southern Regional Chapter(IANCAS-SRC) held at St.Aloysius College,Edathua.			on 3 rd February 2017
2.	organizing secretary of UGC and KSCSTE sponsored National Seminar on ‘Recent Trends in Nano and Other Materials for Energy Efficient Devices’, at St. Aloysius	UGC	200000	20-22 July 2017

	College ,Edathua			

Research Projects

Sl. No.	Title of the Project	Funding Agency	Amount	Period
	<u>Minor Research Project undertaken</u> “Synthesis and characterization of Metal Sulphide Thinfilms in Sol-Gel Matrix by Spin –Coating method (MRP(S)/11 th plan/13-14/KLMG019/UGC-SWRO dated 15 th February 2014).	UGC	70000/-	2014-2017

Awards/Achievements

Sl. No.	Details	Year