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 FACULTY OF : PHYSICS
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LANGUAGES PROFICIENCY

READ : ENGLISH & TAMIL
 WRITE : ENGLISH & TAMIL
 SPEAK : ENGLISH & TAMIL

1. QUALIFICATION

S. No.	DEGREE / DIPLOMA / CERTIFICATE	DISCIPLINE	NAME OF THE INSTITUTION	YEAR OF PASSING
1.	UG	PHYSICS	FATIMA COLLEGE, MADURAI	2005
2.	PG	PHYSICS	LOYOLA COLLEGE, CHENNAI	2009
3.	M.PHIL.	PHYSICS	LOYOLA COLLEGE, CHENNAI	2011
4.	PH.D.	PHYSICS	ARUL ANANDAR COLLEGE, MADURAI KAMARAJ UNIVERSITY, MADURAI	2017
ADDITIONAL QUALIFICATION				
5.	CERTIFICATE	PASTORAL COMMUNICATION	NISCORT, NEW DELHI	2006
		SPECIAL COURSE ON ADVANCED COUNSELLING	PERSON TO PERSON – INSTITUTE FOR CHRISTIAN COUNSELLING	2019
6.	ONLINE CERTIFICATE COURSE	DEVELOPING SOFT SKILLS AND PERSONALITY DEVELOPMENT	NPTEL, SWAYAM	2019

2. POSITION HELD IN FATIMA

S. No.	NAME OF THE POSITION	DURATION
1.	ASST. DIRECTOR, FATIMA COLLEGE HOSTEL, MADURAI	2012 – 2014 & 2016 – MAY 2018
2.	MEMBER, IQAC	2017 – 2018
3.	DIRECTOR, FATIMA COLLEGE HOSTEL, MADURAI	JUNE 2018 – TILL DATE

3. AREAS OF SPECIALIZATION

➤ **NANO SCIENCE AND ITS APPLICATIONS**

4. NATIONAL/INTERNATIONAL SEMINAR, WORKSHOP, CONFERENCE & SYMPOSIUM

S. No.	PROGRAMMES & THEME	ORGANIZED BY	DATE	PARTICIPATED / PRESENTED	TITLE OF THE PAPER
1.	2 ND NATIONAL CONFERENCE ON HIERARCHICALLY STRUCTURED MATERIALS (NCHSM 2014)	SRM UNIVERSITY, CHENNAI	MAR. 24 & 25, 2014	PRESENTED	SYNTHESIS AND CHARACTERIZATION OF Fe ₃ O ₄ NANOPARTICLES BY SOL-GEL METHOD

S. No.	PROGRAMMES & THEME	ORGANIZED BY	DATE	PARTICIPATED / PRESENTED	TITLE OF THE PAPER
2.	18 TH NATIONAL CONVENTION OF ELECTROCHEMISTS (NCE-18) ON SOCIETY FOR ADVANCEMENT OF ELECTROCHEMICAL SCIENCE AND TECHNOLOGY	CECRI, KARAİKUDI & MADURAI KAMARAJ UNIVERSITY	JULY 23 & 24, 2014	PRESENTED	MAGNETIC Fe ₃ O ₄ –REDUCED GRAPHENE OXIDE NANOCOMPOSITES FOR ELECTROCHEMICAL BIOSENSING
3.	INTERNATIONAL CONFERENCE ON NANOMATERIALS FOR ENERGY, ENVIRONMENT, CATALYSIS AND SENSORS (ICNEECS-15)	MADURAI KAMARAJ UNIVERSITY, MADURAI	DEC. 11 & 12, 2015	PRESENTED	SYNTHESIS OF GRAPHENE/ZnFe ₂ O ₄ NANOCOMPOSITES AS EFFICIENT CATALYSTS FOR PHOTO-OXIDATIVE DEGRADATION OF METHYLENE BLUE DYE
4.	RECENT TRENDS IN PHYSICS AND MATERIAL RESEARCH	JAYARAJ ANNAPACKIAM COLLEGE FOR WOMEN, PERIAKULAM	FEB. 04 & 05, 2016	PRESENTED	INVESTIGATION ON THE STRUCTURAL, MORPHOLOGICAL BEHAVIOUR OF SOLVOTHERMALLY SYNTHESIZED FERRITE NANOPARTICLES
5.	INTERNATIONAL CONFERENCE ON FRONTIERS IN NANOSCIENCE AND NANOTECHNOLOGY (ICFNN-2016)	SASTRA UNIVERSITY, THANJAVUR	FEB. 26 - 28, 2016	PRESENTED	SYNTHESIS OF SELF ASSEMBLED MAGNETITE SPHERICAL STRUCTURES BY A SOLVOTHERMAL REACTION WITH ENHANCED PHOTOCATALYTIC ACTIVITY FOR DYE DEGRADATION
6.	NATIONAL CONFERENCE ON NANOSCIENCE AND NANOTECHNOLOGIES IN THE LIVELIHOOD ENHANCEMENT OF COMMON MAN	ARUL ANANDAR COLLEGE, KARUMATHUR	FEB. 08 & 09, 2017	PRESENTED	HIERARCHICALLY ASSEMBLED FLOWER LIKE FE ₃ O ₄ NANOSTRUCTURES BY A SOLVOTHERMAL REACTION
7.					SYNTHESIS OF rGO/Ag NANOCOMPOSITE THROUGH A GREEN METHOD
8.					ONE POT FACILE GREEN SYNTHESIS OF rGO/Ag-Au NANOCOMPOSITE
9.					SYNTHESIS OF SANDWICH STRUCTURED CERAMICS
10.	NATIONAL CONFERENCE ON RECENT TRENDS IN PHYSICS	JEYARAJ ANNAPACKIAM COLLEGE, PERIAKULAM	FEB. 09, 2018	PRESENTED	SYNTHESIS AND CHARACTERISATION OF FLOWER LIKE FE ₃ O ₄ NANOSTRUCTURES
11.					INVESTIGATION ON THE STRUCTURAL AND MORPHOLOGICAL PROPERTIES OF SOLVOTHERMALLY SYNTHESIZED ZNFE ₂ O ₄ NANOPARTICLES
12.					SYNTHESIS AND CHARACTERISATION OF MNFE ₂ O ₄ NANOBALLS
13.	STATE LEVEL WORKSHOP ON GLOBAL RANKING OF UNIVERSITIES: PRESENT SCENARIO	MADURAI KAMARAJ UNIVERSITY, MADURAI	MAR. 22, 2019	PARTICIPATED	-
14.	INTERNATIONAL SEMINAR ON ADVANCED MATERIALS (AM - 2019)	MADURAI KAMARAJ UNIVERSITY, MADURAI	SEP. 23, 2019	PARTICIPATED	-
15.	STATE LEVEL WORKSHOP “HELP AT HAND – STRENGTHENING FACULTY IN COUNSELLING TECHNIQUES TO FACILITATE GEN Z (PHASE I & II)”	ST. CHRISTOPHER COLLEGE OF EDUCATION & UNITED BOARD FOR CHRISTIAN HIGHER EDUCATION IN ASIA	OCT. 13 - 20, 2018 & OCT. 05 - 11, 2019	PARTICIPATED	-

S. No.	PROGRAMMES & THEME	ORGANIZED BY	DATE	PARTICIPATED / PRESENTED	TITLE OF THE PAPER
16.	INTERNATIONAL CONFERENCE ON NANOSCIENCE AND NANOTECHNOLOGY -2019	VELLORE INSTITUTE OF TECHNOLOGY (VIT), VELLORE	NOV. 29 - DEC 01, 2019	PRESENTED	POROUS ORGANIC POLYMER COATED PERM SELECTIVE SEPARATOR MITIGATING SELF-DISCHARGE FOR LITHIUM SULFUR BATTERIES

5. ARTICLES PUBLISHED IN JOURNALS/MAGAZINES

S. No.	JOURNAL NAME	TITLE OF THE ARTICLE	MONTH / YEAR	VOL. No.	ISS. No.	DOI /URL	PAGE No.	ISSN	PUBLISHER
1.	JOURNAL OF ALLOYS AND COMPOUNDS	WATSONIA MERIANA FLOWER LIKE Fe ₃ O ₄ /REDUCED GRAPHENE OXIDE NANOCOMPOSITE FOR THE HIGHLY SENSITIVE AND SELECTIVE ELECTROCHEMICAL SENSING OF DOPAMINE	DEC. 2016	688	-	-	500 - 512	0925-8388	ELSEVIER
2.	RESEARCH ON CHEMICAL INTERMEDIATES	REDUCED GRAPHENE OXIDE/ZNF ₂ O ₄ NANOCOMPOSITE AS AN EFFICIENT CATALYST FOR THE PHOTOCATALYTIC DEGRADATION OF METHYLENE BLUE DYE	APR. 2016	-	-	10.1007/s11164-016-2788-0	1 - 10	0922-6168	SPRINGER
3.	CHEMICAL SCIENCE REVIEW AND LETTERS	SELF-ASSEMBLED RGO/FEWO ₄ FLOWER STRUCTURES BY A SOLVOTHERMAL REACTION WITH ENHANCED CATALYTIC ACTIVITY FOR DYE DEGRADATION	JUNE 2016	5	20	-	101 - 109	2278-6783	AUFAU PERIODICALS
4.	ELECTRO CATALYSIS	THE SENSITIVE AND SELECTIVE ENZYME-FREE ELECTROCHEMICAL H ₂ O ₂ SENSOR BASED ON RGO/MNF ₂ O ₄ NANOCOMPOSITE	JAN. 2017	9	1	-	102-112	1868-5994	SPRINGER
5.	SHANLAX INTERNATIONAL JOURNAL OF ARTS, SCIENCE AND HUMANITIES	STORY TELLERS WHO SPIN IN ORBIT OF SPACE (WOMEN IN SPACE)	FEB, 2019	6	232 1-788 x	-	153-157	-	SHANLAX PUBLICATIONS
6.	IONICS	FE ₃ O ₄ SEATED RGO-SULFUR COMPLEX AS A POTENTIAL CATHODE MATERIAL FOR LITHIUM SULFUR BATTERIES	JAN, 2020	7	-	10.1007/s11581-019-03405-7	1-10	0947-7047	SPRINGER

6. ACHIEVEMENTS

S. No.	NAME OF THE AWARD	AWARD RECEIVED FOR	SPONSORS / SOURCE	PLACE	DATE
1.	BEST PAPER AWARD	PAPER PRESENTATION	NCHSM 2014	SRM UNIVERSITY, CHENNAI	MAR. 2014