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FACULTY OF : PHYSICS
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LANGUAGES PROFICIENCY

READ : TAMIL, ENGLISH & HINDI
WRITE : TAMIL, ENGLISH & HINDI
SPEAK : TAMIL & ENGLISH



1. QUALIFICATION

S. No.	DEGREE / DIPLOMA / CERTIFICATE	DISCIPLINE	NAME OF THE INSTITUTION	YEAR OF PASSING
1.	UG	PHYSICS	HOLY CROSS COLLEGE, TRICHY	1983
2.	PG	PHYSICS	ST. JOSEPH'S COLLEGE, TRICHY	1985
3.	M.PHIL.	MATERIALS SCIENCE	MADURAI KAMARAJ UNIVERSITY	1993

2. TEACHING EXPERIENCE

S. No.	INSTITUTION	FROM – TO
1.	FATIMA COLLEGE, MADURAI	1985 - TILL DATE

3. POSITION HELD IN FATIMA

S. No.	NAME OF THE POSITION	DURATION
1.	NSS PROGRAMME OFFICER	1987 - 1990
2.	FACULTY ADVISOR FOR STUDENTS UNION	1998 - 2000
3.	DEAN OF ACADEMIC AFFAIRS	2006 - 2009
4.	FACULTY ADVISOR FOR STUDENTS UNION	2010 - 2011
5.	IQAC MEMBER	2010 - 2012
6.	CO-ORDINATOR, SCIENCE INSTRUMENTATION CENTRE	2010 - TILL DATE
7.	HEAD OF THE DEPARTMENT	2011 - TILL DATE

4. POSITION HELD OUTSIDE

S. No.	NAME OF THE INSTITUTION	NAME OF THE POSITION	DURATION
1.	MADURAI KAMARAJ UNIVERSITY, MADURAI	MEMBER OF BOARD OF EXAMINATION	1990 - TILL DATE
2.	ARUL ANANDAR COLLEGE, KARUMATHUR	MEMBER OF BOARD OF EXAMINATION	1992 - 1995
3.	LADY DOAK COLLEGE, MADURAI	MEMBER OF BOARD OF EXAMINATION	2006 - 2008
4.	JAYARAJ ANNAPACKIAM COLLEGE, MADURAI	MEMBER OF BOARD OF EXAMINATION	2009 - 2012
5.	ST. XAVIER'S COLLEGE, PALAYAMKOTTAI	MEMBER OF BOARD OF EXAMINATION	2008 - 2012

6.	PSG COLLEGE OF ARTS AND SCIENCE	MEMBER OF BOARD OF EXAMINATION	2011 - 2012
7.	SRI MEENAKSHI GOVT COLLEGE, MADURAI	MEMBER OF BOARD OF EXAMINATION	2013 - 2014

5. AREAS OF SPECIALIZATION

➤ MATERIALS SCIENCE

6. ORIENTATION/REFRESHER/TRAINING PROGRAMMES/FDP ATTENDED

S. No.	PROGRAMMES	THEME	ORGANIZED BY	DATE
1.	ORIENTATION PROGRAMME	ORIENTATION PROGRAMME FOR THE NEWLY JOINED COLLEGE TEACHERS	ACADEMIC STAFF COLLEGE, M.K.U., MADURAI	02.03.1989 - 31.03.1989
2.	REFRESHER COURSE	RECENT TRENDS IN ELECTRON PHYSICS	DEPT. OF NUCLEAR PHYSICS, MADRAS UNIVERSITY	03.02.1995 - 24.02.1995
3.	REFRESHER COURSE	ELECTRONICS, MICROPROCESSORS AND COMPUTER INTERFACING	MADURAI KAMARAJ UNIVERSITY, MADURAI	11.03.1998 - 31.03.1998
4.	REFRESHER COURSE	RECENT TRENDS IN CRYSTAL GROWTH	CRYSTAL GROWTH CENTRE, ANNA UNIVERSITY, CHENNAI	18.01.1999 - 06.02.1999
5.	FACULTY DEVELOPMENT PROGRAMME	WRITING PAPERS TO JOURNALS	JANSON'S SCHOOL OF BUSINESS, KARUMATHAMPATTI, COIMBATORE	AUG. 16 & 17, 2005
6.	TRAINING PROGRAM	PSYCHO –EDUCATIONAL SKILLS FOR COLLEGE TEACHERS	DISTRICT ADMINISTRATION, MADURAI DISTRICT AND MANASA	Nov. 11 - 16, 2013

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

S. No.	PROGRAM	SPONSORED BY	ORGANIZED BY	DATE	PARTICIPATED / PRESENTED	TITLE OF THE PAPER
1	NATIONAL SEMINAR ON "EFFECTIVE CLASS ROOM COMMUNICATION"	AIACHE	ST. XAVIER'S COLLEGE, PALAYAMKOTTAI	26.04.1987 - 30.04.1987	PARTICIPATED	-
2.	NATIONAL WORKSHOP ON "QUESTION BANK IN PHYSICS"	UGC	DEPARTMENT OF PHYSICS, FATIMA COLLEGE	JAN. 30 - FEB. 1, 1997	PARTICIPATED	-
3.	NATIONAL SEMINAR ON "RECENT TRENDS IN CRYSTAL GROWTH"	UGC	CRYSTAL GROWTH CENTRE, ANNA UNIVERSITY	FEB. 3 - 5, 1999	PARTICIPATED	-
4.	NATIONAL SEMINAR ON "RECENT TRENDS IN CRYSTAL GROWTH PROCESSES AND APPLICATIONS"	UGC	P. G. DEPT. OF APPLIED PHYSICS, NM COLLEGE, PUTHANAMPATTI	MAR. 9 & 10, 2001	PARTICIPATED	-
5.	NATIONAL SEMINAR ON "CURRENT TRENDS IN MATERIALS SCIENCE"	-	SCHOOL OF PURE AND APPLIED PHYSICS, MG UNIVERSITY, KOTTAYAM	MAR. 23 & 24, 2001	PRESENTED	EFFECT OF α -LYSINE ON THE SOLUTION GROWTH AND CHARACTERIZATION OF TGS SINGLE CRYSTALS

6.	NATIONAL WORKSHOP ON "WORKSHOP FOR UNDERGRADUATE PHYSICS TEACHERS"	IAPT & INFOSYS FOUNDATION, BANGALORE	V.V.S. FIRST GRADE COLLEGE , BANGALORE	OCT. 13 - 18, 2003	PARTICIPATED	-
7.	NATIONAL WORKSHOP ON "LATEX"	-	DEPARTMENT OF PHYSICS , ST. JOSEPH'S COLLEGE, TRICHY	JAN. 29, 2005	PARTICIPATED	-
8.	NATIONAL SEMINAR ON "CRYSTAL GROWTH AND CHARACTERIZATION"	-	DEPARTMENT OF PHYSICS, LOYOLA COLLEGE, CHENNAI	SEP. 29 & 30, 2005	PARTICIPATED	-
9.	NATIONAL SEMINAR ON "RECENT TRENDS IN MATERIALS SCIENCE"	ALAGAPPA UNIVERSITY	DEPARTMENT OF PHYSICS, ALAGAPPA UNIVERSITY, KARAIKUDI	DEC. 14 & 15, 2006	PARTICIPATED	-
10.	NATIONAL WORKSHOP ON "DEVELOPMENT AND MAINTENANCE OF LAB EQUIPMENTS"	UGC	DEPARTMENT OF PHYSICS, MAHARANI LAKSHMI AMMANI COLLEGE, BANGALORE	APR. 24 - 27, 2008	PARTICIPATED	-
11.	NATIONAL WORKSHOP ON "QUALITY CONTROL OF SOLAR THERMAL APPLIANCES"	MINISTRY OF NEW AND RENEWABLE ENERGY, GOVT. OF INDIA	REGIONAL TEST CENTRE, SCHOOL OF ENERGY ENVIRONMENT & NATURAL RESOURCES, M.K UNIVERSITY	SEP. 29 & 30, 2008	PARTICIPATED	-
12.	NATIONAL SEMINAR ON "ENHANCING & SUSTAINING QUALITY IN HIGHER EDUCATION"	-	IQAC, FATIMA COLLEGE MADURAI	FEB. 27, 2009	PRESENTED	THE THIRD DIMENSION OF HIGHER EDUCATION IN FATIMA COLLEGE
13.	NATIONAL WORKSHOP ON "VIRTUAL LABS IN PHYSICAL & CHEMICAL SCIENCES"	AMRITA VISHWA VIDHYAPEETAM	AMRITA VISHWA VIDHYAPEETAM, COIMBATORE	DEC. 18, 2011	PARTICIPATED	-
14.	NATIONAL WORKSHOP ON "RECENT DEVELOPMENTS IN PHYSICS"	SCIENCE ACADEMIES OF INDIA	DEPARTMENT OF PHYSICS, GOVT. ARTS COLLEGE, MELUR	MAR. 3 & 4, 2011	PARTICIPATED	-
15.	NATIONAL WORKSHOP ON "APPLICATIONS OF NONLINEARITY IN PHYSICS"	SCIENCE ACADEMIES OF INDIA	DEPARTMENT OF PHYSICS, FATIMA COLLEGE, MADURAI	AUG. 25 & 26, 2011	PARTICIPATED	-
16.	INTERNATIONAL CONFERENCE ON "ADVANCED MATERIALS"	DST, CSIR, DRDO/ICTE, ISRO, UGC, DAE-BRNS, THE RESEARCH COUNCIL OF NORWAY. ETC	DEPARTMENT OF PHYSICS, PSG COLLEGE OF TECHNOLOGY	DEC. 12 - 16, 2011	PRESENTED	SUBSTRATE ANALYSIS SURVEY ON MIXED (GALLIUM OXIDE WITH SELENIUM) FILM IN LOW COST TECHNIQUE

17.	NATIONAL SEMINAR ON APPLICATIONS OF SPECTROSCOPY IN MATERIALS CHARACTERIZATION - (NASAS)	DAE-BRNS	DEPARTMENT OF PHYSICS, FATIMA COLLEGE, MADURAI	AUG. 22 & 23, 2012	ORGANIZED	-
18.	INTERNATIONAL CONFERENCE ON NANO MATERIALS: SCIENCE, TECHNOLOGY AND APPLICATIONS	B. S. ABDUR RAHUMAN UNIVERSITY, INDIA, DEAKIN UNI, ASTRALIA AND UNIVERSITI TEKNOLOGY, MARA, MALASIA	B.S.ABDUR RAHUMAN UNIVERSITY, INDIA	DEC. 05 - 07, 2013	PRESENTED	STRUCTURAL INVESTIGATION OF COPPER SELENIDE THIN FILMS
19.	INTERNATIONAL SYMPOSIUM ON "NANO STRUCTURES FOR PHOTOVOLTAIC APPLICATIONS"	AUOTONOMY GRANT	DEPARTMENT OF PHYSICS, FATIMA COLLEGE, MADURAI	FEB. 19, 2014	ORGANIZED	-
20.	INTERNATIONAL CONFERENCE ON "SOLUTIONS TO ECOLOGICAL CHALLENGES: MULTI DIMENSIONAL PERSPECTIVES"	UGC	FATIMA COLLEGE, MADURAI	DEC. 11 - 13, 2014	ORGANIZED & PRESENTED	OPTICAL STUDIES OF SELENIDE THIN FILM
21.	INTERNATIONAL CONFERENCE ON "NANOMATERIALS AND NANOTECHNOLOGY"	-	CENTRE FOR NANO SCIENCE AND TECHNOLOGY, K.S.R.COLLEGE OF TECHNOLOGY, TIRUCHENGODE	DEC. 07 - 10 2015	PRESENTED	STRUCTURAL, OPTICAL AND MORPHOLOGICAL STUDY OF TUNGSTEN SELENIDE THIN FILMS"
22.	LECTURE WORKSHOP ON "SCOPE OF NONLINEAR DYNAMICS"	ALL SCIENCE ACADEMIES (INSA, IAS & NSA)	DEPARTMENT OF PHYSICS, FATIMA COLLEGE, MADURAI	JAN.05 & 06, 2017	ORGANIZED	-
23.	INDIA - UK JOINT INTERNATIONAL CONFERENCE ON "ADVANCED NANOMATERIALS FOR ENERGY, ENVIRONMENT AND HEALTHCARE APPLICATIONS (ANEH – 2018)"	-	KSR COLLEGE OF ARTS AND SCIENCE, TIRUCHENGODE & SWANSEA UNIVERSITY, UNITED KINGDOM	AUG 31 - SEP. 01, 2018	PRESENTED	SYNTHESIS AND CHARACTERIZATION OF SILVER TELLURIDE THIN FILM

8. RESEARCH GUIDANCE

➤ NO. OF M.PHIL. GUIDED : 1

M. PHIL. GUIDANCE COMPLETED

S. No.	TITLE OF DISSERTATION	STUDENT NAME	UNIVERSITY	YEAR
1.	SOLUTION GROWTH & CHARACTERIZATION OF POTASSIUM PENTA BORATE SINGLE CRYSTALS	J. ARUL JENCY	BHARATHI DASAN UNIVERSITY, TRICHY	2008

9. ARTICLES PUBLISHED JOURNALS/BOOKS

S. No.	JOURNAL NAME	TITLE OF THE ARTICLE	MONTH/ YEAR	VOL. NO.	ISSUE NO.	PAGE NO.	ISSN / ISBN	PUBLISHER
1.	SOLID STATE COMMUNICATIONS	ELASTIC BEHAVIOR OF ORTHORHOMBIC LEAD FLUORIDE	1994	91	10	839-842	-	ELSEVIER, NETHERLANDS
2.	BOOK-THIN FILMS AND NANOMATERIALS	SUBSTRATE ANALYSIS SURVEY ON MIXED (GALLIUM OXIDE WITH SELENIUM) FILM IN LOW COST TECHNIQUE	2011	-	-	129-133	978-935-059-049-2	MACMILLAN PUBLISHERS INDIA LTD.
3.	BRAZILIAN JOURNAL OF PHYSICS	PREPARATION AND CHARACTERIZATION OF SILVER SELENIDE THIN FILM	2014	14	4	-	0103-9733	SPRINGER
4.	PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON "SOLUTIONS TO ECOLOGICAL CHALLENGES: MULTI DIMENSIONAL PERSPECTIVES"	OPTICAL STUDIES OF SELENIDE THIN FILM	2014	2	-	-	978-81-926370-2-0	REFLECTION BOOKS
5.	ADVANCED NANOMATERIALS: SYNTHESIS	STRUCTURAL, OPTICAL AND MORPHOLOGICAL STUDY OF TUNGSTEN SELENIDE THIN FILMS	DEC. 2015	-	-	703-706	2220-8054	ST. PETERSBURG NATIONAL RESEARCH UNIVERSITY OF INFORMATION TECHNOLOGIES, MECHANICS AND OPTICS
6.	SYNTHESIS AND FABRICATION OF NANOMATERIALS	TEMPERATURE INFLUENCE STUDY ON THE COPPER SELENIDE FILMS	DEC. 2015	-	-	699-702	2220-8054	

10. PROJECT UNDERTAKEN

S. No.	TITLE OF PROJECT	POSITION	SPONSORED BY	DATE	SANCTIONED AMOUNT (₹)
1.	ENHANCEMENT OF PYROELECTRIC COEFFICIENT BY AMINOACID DOPING IN TGS CRYSTALS FOR IR APPLICATIONS	PRINCIPAL INVESTIGATOR	UGC	JANUARY 2006	80000/-

11. MEMBERSHIP IN PROFESSIONAL BODIES

S. No.	NAME OF THE INSTITUTION	NAME OF THE POSITION	DURATION
1.	ST. XAVIER'S COLLEGE, PALAYAMKOTTAI	MEMBER OF BOARD OF STUDIES	2006 - 2008
2.	SRI MEENAKSHI GOVT ARTS COLLEGE FOR WOMEN, MADURAI	MEMBER OF BOARD OF STUDIES	2013 - 2015
3.	ST. MARY'S COLLEGE, TUTICORIN	MEMBER OF BOARD OF STUDIES	2013 - 2015
4.	HOLY CROSS COLLEGE, NAGERCOIL	MEMBER OF BOARD OF STUDIES	2016 - 2018

5.	MADURAI KAMARAJ UNIVERSITY,MADURAI	MEMBER OF BOARD OF STUDIES	2017 - TILL DATE
6.	SFR COLLEGE, SIVAKASI	MEMBER OF BOARD OF STUDIES	2017 - TILL DATE

12. MAJOR ASSIGNMENTS

S. No.	MAJOR ASSIGNMENT	INSTITUTION	THEME/TITLE	DATE
1.	GUEST LECTURE	MANGAYARKARASI S COLLEGE, MADURAI	EVERYDAY PHYSICS	20.03.2015
2.	GUEST LECTURE	NADAR SARASWATHI COLLEGE OF ARTS & SCIENCE, THENI	PHYSICAL SCIENCE AND ITS IMPACTS IN EVERYDAY LIFE	10.07.2017

13. SPECIAL DAYS ORGANISED

S. No.	PROGRAM	SPONSORED BY	ORGANIZED BY	DATE
1.	NATIONAL SCIENCE DAY AND MATHS DAY	TNSCST, CHENNAI	DEPARTMENT OF PHYSICS & MATHEMATICS, FATIMA COLLEGE, MADURAI	FEB. 28 & MAR. 01, 2018