



NAME : P. NALINI
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FACULTY OF : PHYSICS
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1. QUALIFICATION

S. NO.	DEGREE	DISCIPLINE	NAME OF THE INSTITUTION	YEAR OF PASSING
1.	UG	PHYSICS	MADURA COLLEGE, MADURAI	2002
2.	PG	PHYSICS	MADURACOLLEGE, MADURAI	2004
3.	M.PHIL.	PHYSICS	ALAGAPPA UNIVERSITY, KARAIKUDI	2005
4.	SET	PHYSICS	MOTHER TERESA WOMEN'S UNIVERSITY KODAIKANAL	2016
5.	PH.D.	PHYSICS	DRAVIDIAN UNIVERSITY, ANDRAPRADESH	2017

2. TEACHING EXPERIENCE

S. NO.	INSTITUTION	FROM – TO (PERIOD)
1.	YADAVA COLLEGE, MADURAI	JULY 2006 – TILL DATE

3. AREAS OF SPECIALIZATION

- COMPUTATIONAL PHYSICS AND NANOSCIENCE

4. REFRESHER COURSE ATTENDED:

S. NO.	PROGRAMMES	THEME	ORGANIZED BY	DATE
1.	SCIENCE ACADEMIES REFRESHER COURSE	QUANTUM MECHANICS	GOVERNMENT ARTS COLLEGE, MELUR	8 – 20, FEBRUARY 2016
2.	SCIENCE ACADEMIES REFRESHER COURSE	ADVANCED QUANTUM MECHANICS	GOVERNMENT ARTS COLLEGE, MELUR	12- 24 DECEMBER 2016

5. SHORT TERM COURSE ATTENDED

S. NO.	PROGRAMMES	THEME	ORGANIZED BY	DATE
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1.	AICTE SHORT TERM COURSE	TWO-DIMENSIONAL MATERIALS: PHYSICS AND APPLICATIONS	DEPARTMENT OF PHYSICS, IIT-MADRAS	21 – 26, SEPTEMBER 2019
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6. CSIR SUMMER RESEARCH TRAINING PROGRAM

S. NO.	PROGRAMME	ORGANIZED BY	DURATION	MENTOR
1.	CSIR-SRTP 2020	CSIR-NEIST, JORHAT, ASSAM	JUNE-AUGUST, 2020	DR. RAM AWATAR MAURIYA

7. NPTEL-SWAYAM ONLINE COURSES

S. NO.	COURSE	DURATION	NUMBER OF WEEKS	HOST
1.	EXPERIMENTAL PHYSICS II	JUL-OCT 2019	12	IIT KHARAGPUR
2.	EXPERIMENTAL PHYSICS III	JAN-APR 2020	12	IIT KHARAGPUR
3.	EXPERIMENTAL PHYSICS I	SEP-DEC 2020	12	IIT KHARAGPUR
4.	STRUCTURAL ANALYSIS OF NANOMATERIALS	SEP-DEC 2020	4	IIT ROORKEE

8. ONLINE CERTIFICATE COURSE COMPLETED

S. NO.	COURSE	DURATION	ORGANIZED BY	MENTOR
1.	LEARNING PHYSICS THROUGH SIMPLE EXPERIMENTS	April 2 to June 10, 2020	CENTER FOR CONTINUING EDUCATION IIT, KANPUR	PADMA SHRI.PROF. H.C. VERMA
2.	CLASSICAL MECHANICS AND QUANTUM MECHANIC	APRIL TO JULY	BREAKTHROUGH SCIENCE SOCIETY, KERALA CHAPTER	DR. MONCY V. JOHN

9. SENSITIZATION PROGRAM COMPLETED

S. NO.	COURSE	DURATION	NUMBER OF WEEKS	ORGANIZED BY
1.	NANOTECHNOLOGY SENSITIZATION PROGRAM	JUL-DEC 2007	24	NANO SCIENCE AND TECHNOLOGY CONSORTIUM, DELHI

10. COMPUTER LITERACY PROGRAM

S. NO.	COURSE	ORGANIZED BY
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		DURATION	
1.	DIPLOMA IN COMPUTER PROGRAMMING	AUG-OCT 2007	T.M.C. COMPUTER EDUCATION

11. ARTICLES PUBLISHED IN JOURNALS/MAGAZINES

S. N O.	JOURNAL NAME	TITLE OF THE ARTICLE	MONTH / YEAR	VOL . NO.	DOI / URL	PAGE NO.	ISSN	PUBLISHER
1.	CHINESE PHYSICS LETTERS	ENERGY GAP DEPENDENCE ON Mn CONTENT IN A DILUTED MAGNETIC QUANTUM DOT	APR. 2011	28	DOI: 10.1088/0256-307X/28/4/047501	1-4	0256-307X	CHINESE PHYSICAL SOCIETY AND IOP PUBLISHING LTD
2.	AIP CONF. PROC.	SPIN POLARONIC SHIFT OF AN ACCEPTOR BOUND POLARON IN A GaMnAs/GaAs QUANTUM WELL	JUL.2019	2115	DOI: https://doi.org/10.1063/1.5113296	1-4	1551-7616	AMERICAN INSTITUTE OF PHYSICS PUBLISHERS

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

S. NO.	PROGRAMMES & THEME	ORGANIZED BY	DATE	PARTICIPATED / PRESENTED	TITLE OF THE PAPER
1.	NATIONAL LEVEL CONFERENCE ON RECENT TRENDS IN NANOTECHNOLOGY	DEPARTMENT OF PHYSICS, YADAVA COLLEGE, MADURAI, TAMIL NADU	7-8 JAN. 2010	PRESENTED	NANO OPTICS
2.	INTERNATIONAL CONFERENCE ON ADVANCEMENT OF NANOSCIENCE AND NANOTECHNOLOGY (ICOANN-2010)	DEPARTMENT OF NANOSCIENCE AND NANOTECHNOLOGY, ALAGAPPA UNIVERSITY, KARAIKUDI, TAMIL NADU	1-3 MARCH 2010	PRESENTED	INVESTIGATIONS ON IMPURITY STATES OF D ⁺ X ION IN A DILUTED MAGNETIC SEMICONDUCTOR QUANTUM-WELL
3.	STATE LEVEL SEMINAR ON NANO AND THIN FILMS SOLAR MATERIALS	DEPARTMENT OF PHYSICS, MADURA COLLEGE, MADURAI, TAMIL NADU,	29 DEC. 2011	PRESENTED	PREPARATION AND CHARACTERIZATION OF Fe ₂ O ₃ NANO

					PARTICLES
4.	NATIONAL SEMINAR ON ADVANCED MATERIALS RESEARCH	DEPARTMENT OF PHYSICS, ALAGAPPA UNIVERSITY, KARAIKUDI	19 TH JAN. 2017.	PRESENTED	MAGNETICALLY INDUCED SPIN SPLITTING DUE TO A HYDROGENIC IMPURITY IN A STRAINED GROUP II-VI QUANTUM DOT
5.	INTERNATIONAL CONFERENCE ON MATERIALS AND TECHNOLOGY-SYNTHESIS AND APPLICATIONS	DEPARTMENT OF PHYSICS, SRI S. RAMASAMY NAIDU MEMORIAL COLLEGE, SATTUR	09 TH MARCH 2017	PRESENTED	EFFECT OF AG DOPING ON STRUCTURAL, OPTICAL AND ANTIBACTERIAL BEHAVIOR OF THE ZNO NANO PARTICLES
6.	63 RD DAE SOLID STATE SYMPOSIUM	GJUS&T, HISAR, HARYANA	18-22, DEC. 2018	PRESENTED	ACCEPTOR BOUND SPIN POLARON IN AGAMNAS QUANTUM WELL
7.	INTERNATIONAL CONFERENCE AND WORKSHOP ON NEW MATERIALS AND DEVICES FOR PHOTOVOLTAIC APPLICATIONS (ICWNMDP- 2011)	DEPARTMENT OF MATERIALS SCIENCE, SCHOOL OF CHEMISTRY, MADURAI KAMARAJ UNIVERSITY, MADURAI, TAMIL NADU,	10-12 FEB. 2011	PARTICIPATED	
8.	NATIONAL WORKSHOP ON RECENT DEVELOPMENT IN PHYSICS	DEPARTMENT OF PHYSICS, GOVERNMENT ARTS COLLEGE, MELUR, TAMIL NADU,	3-4 MARCH 2011.	PARTICIPATED	
9.	WORKSHOP ON INDO NARWAEIAN SATELLITE MEETING ON ADVANCES IN SOLAR CELL MATERIALS & TECHNOLOGIES	DEPARTMENT OF MATERIALS SCIENCE, SCHOOL OF CHEMISTRY, MADURAI KAMARAJ UNIVERSITY, MADURAI, TAMIL NADU,	17 DEC. 2011	PARTICIPATED	
10.	UGC SPONSORED STATE LEVEL SEMINAR ON	DEPARTMENT OF PHYSICS, MADURA	18 TH JAN. 2013	PARTICIPATED	

	RECENT TRENDS IN CONDENSED MATTER PHYSICS	COLLEGE, MADURAI,			
11.	STATE LEVEL SEMINAR ON NANO MATERIALS	DEPARTMENT OF PHYSICS, VVV COLLEGE, VIRUDHUNAGAR	5 TH FEB. 2013	PARTICIPATED	
12.	NATIONAL LEVEL SEMINAR ON X-RAY CRYSTALLOGRAPHY	DEPARTMENT OF PHYSICS, MADURAI KAMARAJ UNIVERSITY	29 TH SEP. TO 1 ST OCT. 2014	PARTICIPATED	
13.	STATE LEVEL SEMINAR ON WORKSHOP ON NANOTECHNOLOGY	DEPARTMENT OF NANOSCIENCE AND NANOTECHNOLOGY, MEPCOSCHLENK ENGINEERING COLLEGE, SIVAKASI	9 TH JAN. 2015	PARTICIPATED	
14.	NATIONAL SEMINAR ON COMPUTATIONAL PHYSICS	DEPARTMENT OF PHYSICS, SVN COLLEGE, MADURAI,	5 TH FEB. 2015	PARTICIPATED	
15.	NATIONAL SEMINAR ON RECENT TRENDS IN ENERGY TECHNOLOGIES	DEPARTMENT OF PHYSICS, THE AMERICAN COLLEGE, MADURAI	14 TH AUG. 2015	PARTICIPATED	
16.	STATE LEVEL SEMINAR ON EXPANDING FRONTIERS IN MATERIAL SCIENCE	DEPARTMENT OF PHYSICS, ARUL ANANDAR COLLEGE, KARUMATHUR,	15 TH DEC. 2015	PARTICIPATED	
17.	INTERNATIONAL CONFERENCE ON RECENT TRENDS IN MATERIAL SCIENCE AND APPLICATIONS	DEPARTMENT OF PHYSICS, SRI MEENAKSHI GOVERNMENT ARTS COLLEGE FOR WOMEN	6 TH JAN. 2016.	PARTICIPATED	
18.	WORKSHOP ON INTRODUCTION TO THEORETICAL PHYSICS	DEPARTMENT OF PHYSICS, GOVERNMENT ARTS COLLEGE, MELUR	4 TH & 5 TH AUG. 2016	PARTICIPATED	
19.	WORKSHOP ON ADVANCED MATERIALS ENGINEERING	DEPARTMENT OF PHYSICS, THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI	26 TH SEP. 2016	PARTICIPATED	
20.	WORKSHOP ON TEACHING AND RESEARCH METHODOLOGIES IN PHYSICS	DEPARTMENT OF PHYSICS, MADURAI KAMARAJ UNIVERSITY	25 TH OCT. 2016	PARTICIPATED	

13. VIRTUAL WEBINARS ATTENDED

S. NO.	PROGRAMMES & THEME	ORGANIZED BY	DATE
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1.	ONLINE COURSE ON “ ELEMENTAL ARTS: EVALUATION OF MODERN PERIODIC TABLE”	SRI KRISHNA COLLEGE OF ENGINEERING TECHNOLOGY, COIMBATORE	1&2 ND MAY 2020
2.	NATIONAL WEBINAR ON ROLE OF ICT IN SMART TEACHING AND SCIENTIFIC WRITING	GOVERNMENT COLLEGE, RAJAMUNDRY	02 MAY 2020
3.	HOW NANOSCIENCE AND NANOTECHNOLOGY INSPIRED FROM NATURE AND TRANSFORMING THE WORLD?	CUVERY COLLEGE FOR WOMEN, TRICHY	03 MAY 2020
4.	MICRO AND NANOTECHNOLOGY AND ITS APPLICATIONS	GTN ARTS AND SCIENCE COLLEGE, DINDUGAL	14 TH MAY 2020
5.	FDP ON NANOMATERIALS FOR ENERGY HARVESTING AND BIOMEDICAL APPLICATIONS	GODAVARI INSTITUTE OF ENGG. TECHNOLOGY, ANDRAPRADESH	18-22 ND MAY 2020
6.	SUPER CAPACITORS: NEW AGE ENERGY STORAGE DEVICE	AYYA NADAR JANAKI AMMAL COLLEGE, SIVAKASI.	19 TH MAY 2020
7.	INTERNATIONAL WORKSHOP ON SMART MATERIALS SENSORS AND ENERGY DEVICES	SSN COLLEGE OF ENGINEERING, KALAVAKKAM	25-30 TH MAY 2020
8.	SOLID STATE PHYSICS-SERIES I ELECTRONS IN SOLIDS	UNIVERSITY OF MADRAS, CHENNAI	26 TH -30 MAY 2020
9.	WEBINAR ON “ ELECTRON MICROSCOPY: AN ESSENTIAL TOOL FOR NANOMATERIALS CHARACTERIZATION	HINDUSTHAN COLLEGE OF ARTS AND SCIENCE, COIMBATORE	29 TH MAY 2020
10.	RECENT ADVANCES IN MATERIAL SCIENCE AND NANOTECHNOLOGY	BANNARI AMMAN INSTITUTE OF TECHNOLOGY, SATHYAMANGALAM	4-6, JUNE 2020
11.	RESEARCH METHODOLOGY	LYOLO COLLEGE, CHENNAI	12&13 JUNE 2020
12.	CENTURY OF QUANTUM MECHANICS AND STILL GOING STRONG	APPLIED PHYSICS DEPARTMENT, THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA	15-17 JUNE 2020
13.	2 ND INTERNATIONAL CONFERENCE ON CRYSTAL ENGINEERING: FROM MOLECULE TO CRYSTAL	DST AND ACS PUBLICATIONS	19-20 JUNE 2020
14.	CHEMISTRY AND BIOLOGY OF NATURAL PRODUCTS	CSIR-NEIST, JORHAT, ASSAM	24-25 JULY 2020

15.	PREPARATION METHODS AND DEPOSITION TECHNIQUES OF NANOSTRUCTURES	NATIONAL COLLEGE, TRICHY	25, JULY 2020
16.	MASTERING THE PUBLISHING PROCESS	DST & ACS PUBLICATIONS	28 JULY 2020
17.	WORKSHOP ON ARTIFICIAL INTELLIGENCE IN DRUG DISCOVERY	CSIR-NEIST, JORHAT, ASSAM	1ST SEPTEMBER 2020
18.	ADVANCES IN PEROVSKITE SINGLE CRYSTALS: FUNDAMENTALS AND APPLICATIONS	ACS PUBLICATIONS	30 SEPTEMBER 2020