

NEHRU MEMORIAL COLLEGE (AUTONOMOUS)

PUTHANAMPATTI-621007

STAFF PROFILE

NAME OF THE STAFF : P.RAMESH
DESIGNATION : ASSISTANT PROFESSOR
DEPARTMENT : PHYSICS



1. CONTACT

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2. ACADEMIC QUALIFICATIONS

Degree	College/University/Board	Year of Passing/ Awarded
M.Phil	Nehru Memorial College, Puthanampatti. (Bharathidasan university)	2010
M.Sc	Nehru Memorial College, Puthanampatti. (Bharathidasan university)	2009
B.Sc	Tiruvalluvar Arts and Science College, Rasipuram. (Periyar University)	2006

3. TEACHING EXPERIENCE

S. No.	Institution	Duration	No. of Years	
			UG	PG
01	Nehru Memorial College, Puthanampatti	12	12	11

4. **RESEARCH GUIDANCE (In Numbers)**

Program of Study		Completed	Ongoing
Project	PG	14	03

5. **PARTICIPATION (In Numbers)****

Events	International	National	State	Regional
Seminars	11	14	02	03
Workshops	04	12	05	01

6. **PROFESSIONAL DEVELOPMENT (In Numbers)****

Orientation Programme(s)	Refresher Course(s)	Faculty Development Programme(s)	Short Term Online Course(s)
07	07	17	10

7. **SERVED AS A RESOURCE PERSON (INVITED TALKS / GUEST LECTURES)**

1. ACT AS RESOURCE PERSON NATIONAL LEVEL WEBINAR ON ATOM TO SPACE TRAVEL (APR 2021), ORGANIZED BY IMMACULATE COLLEGE FOR WOMEN, CUDDALORE.

2. ACT AS RESOURCE PERSON ONE DAY STATE LEVEL SEMINAR ON ROCKET SCIENCE (NATIONAL SCIENCE DAY- FEB 2020), ORGANIZED BY ARIGNAR ANNA GOVT.ARTS COLLEGE, NAMAKKAL.

3. ACT AS RESOURCE PERSON SPECIAL SEMINAR ON BASIC ROCKET SYSTEM (FEB 2020), ORGANIZED BY DR. K.S.RAJU ARTS & SCIENCE COLLEGE, RAZAM, ANDHRA PRADESH.

8. **DETAILS OF MEMBERSHIP**

Academic Bodies (Board of studies)	1. INDIAN SOCIETY OF SYSTEMS FOR SCIENCE AND ENGINEERING (ISSE). 2. INDIAN ASSOCIATION OF PHYSICS TEACHERS (IAPT). 3. MEMBER OF TAMIL NADU SCIENCE FORM
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9. ANY OTHER ACTIVITIES

Articles published in Newspaper(s) / Magazine(s)	150
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10. DETAILS OF PARTICIPATION**(Conference(s) / Seminar(s) / Workshop(s) / Symposium(s))**

S. No.	Name of the event(s)	Sponsored by	Conducted by	Place	Duration/ Date
Conference(s)					
01.	INTERNATIONAL CONFERENCE ON “SUSTAINABLE MATERIALS AND TECHNOLOGIES FOR BIO AND ENERGY APPLICATIONS, (SMTBEA-2021)”	SSN INSTITUTION S, KALAVAKKA, CHENNAI	SSN INSTITUTION S, KALAVAKKAM, CHENNAI	ONLINE	19.05.2021-20.05.2021
02.	2 ND INDO-KOREA VIRTUAL CONFERENCE ON DEVELOPMENT OF ADVANCED MATERIALS FOR FUTURE TECHNOLOGIES (DAMFT-2021)	KAIST, DAEJEON, SOUTH KOREA & VELLORE INSTITUTE OF TECHNOLOG, CHENNI	KAIST, DAEJEON, SOUTH KOREA & VELLORE INSTITUTE OF TECHNOLOG Y, CHENNI	ONLINE	14.05.2021-15.05.2021
03.	TWO DAYS INTERNATIONAL CONFERENCE ON “RETHINKING SCIENCE FOR SUSTAINABLE DEVELOPMENT	DEPARTMENT OF CHEMISTRY, RAJDHANI COLLEGE, UNIVERSITY OF DELHI	DEPARTMEN T OF CHEMISTRY, RAJDHANI COLLEGE, UNIVERSITY OF DELHI	ONLINE	20.04.2021-21.04.2021
04.	INTERNATIONAL CONFERENCE ON SPACE SCIENCE AND TECHNOLOGY (ICSST-	SPACE EDUCATION AND RESEARCH	SPACE EDUCATION AND RESEARCH	ONLINE	05.04.2021-07.04.2021

	2021)	FOUNDATION (SERF), AHMEDABAD	FOUNDATIO N (SERF), AHMEDABA D		
05.	TWO DAYS FIFTH INTERNATIONAL CONFERENCE ON ADVANCES IN MATERIALS SCIENCE (ICAMS- 2020)	POST GRADUATE DEPARTMENT OF PHYSICS AND IQAC OF RAJE RAMRAO MAHAVIDYA LAYA, JATH, MAHARASHTRA	POST GRADUATE DEPARTMEN T OF PHYSICS AND IQAC OF RAJE RAMRAO MAHAVIDYA LAYA, JATH, MAHARASH TRA	ONLINE	06.06.2020-07.06.2020
06.	TWO DAYS INTERNATIONAL CONFERENCE ON CHALLENGES AND OPPORTUNITIES IN AERONAUTICS, ASTRONAUTICS AND AVIATION	THE INSTITUTION OF ENGINEERS (INDIA) IN ASSOCIATION WITH INSTITUSTE OF AERONAUTIC S ASTRONAUTI CS AND AVIATION	THE INSTITUTION OF ENGINEERS (INDIA) IN ASSOCIATIO N WITH INSTITUSTE OF AERONAUTI CS ASTRONAUT ICS AND AVIATION	ONLINE	30.05.2020-31.05.2020
07.	LAMSYS-2018	ISRO	ISSE&SHAR	CHENNAI	20-21.04.2018
08.	ADOPTION ENERGY EFFICIENT PROCESS TECHNOLOGIES AND PRACTICE AND IMPLEMENTATION	BUREAU OF ENERGY EFFICIENCY	BUREAU OF ENERGY EFFICIENCY	TRICHY	27.07.2011
Seminar(s)					

01.	WEBINAR ON ASTRONOMY AND ASTROPHYSICS-THE FUTUR OF RADO ASTRONOMOY	DEPARTMENT OF APPLIED PHYSICS, KARUNYA INSTITUTE OF TECHNOLOG Y AND SCIENCE, COIMBATOR	DEPARTMEN T OF APPLIED PHYSICS, KARUNYA INSTITUTE OF TECHNOLOG Y AND SCIENCE, COIMBATOR	ONLINE	15.07.2021
02.	WEBINAR ON ASTRONOMY AND ASTROPHYSICS-THE SUN	DEPARTMENT OF APPLIED PHYSICS, KARUNYA INSTITUTE OF TECHNOLOG Y AND SCIENCE, COIMBATOR	DEPARTMEN T OF APPLIED PHYSICS, KARUNYA INSTITUTE OF TECHNOLOG Y AND SCIENCE, COIMBATOR	ONLINE	28.06.2021
03.	INTERNATIONAL WEBINAR ON INDIAN NUCLEAR POWER PROGRAMMEE-FAST FORWARD TO ENERGY SUSTAINABILITY- THE INDIAN FAST BREEDER REACTOR PROGRAMME	DEPARTMENT OF APPLIED PHYSICS, KARUNYA INSTITUTE OF TECHNOLOG Y AND SCIENCE, COIMBATOR	DEPARTMEN T OF APPLIED PHYSICS, KARUNYA INSTITUTE OF TECHNOLOG Y AND SCIENCE, COIMBATOR	ONLINE	22.06.2021
04.	INTERNATIONAL WEBINAR ON INDIAN NUCLEAR POWER PROGRAMMEE-INDIA 'S THREE STAGE NUCLEAR POWER PROGRAMME:ENVISION ING THE DREAM OF	DEPARTMENT OF APPLIED PHYSICS, KARUNYA INSTITUTE OF TECHNOLOG Y AND SCIENCE,	DEPARTMEN T OF APPLIED PHYSICS, KARUNYA INSTITUTE OF TECHNOLOG	ONLINE	08.06.2021

	DR.HOMI JEHANGIR BHABHA	COIMBATOR	Y AND SCIENCE, COIMBATOR		
05.	WEBINAR ON CAREER OPPORTUNITIES IN PHYSICS	DEPARTMENT OF PHYSICS, NOORUL ISLAM CENTRE FOR HIGHER EDUCATION, KUMARACOI L	DEPARTMEN T OF PHYSICS, NOORUL ISLAM CENTRE FOR HIGHER EDUCATION, KUMARACOI L	ONLINE	02.06.2021
06.	WEBINAR “COST2021”	CORROSION SCIENCE AND TECHNOLOG Y DIVISION METALLURG Y AND MATERIALS GROUP, IGCAR & THE INDIAN INSTITUTE OF METALS (IIM) KALPAKKAM CHAPTER	CORROSION SCIENCE AND TECHNOLOG Y DIVISION METALLURG Y AND MATERIALS GROUP, IGCAR & THE INDIAN INSTITUTE OF METALS (IIM) KALPAKKA M CHAPTER	ONLINE	12.05.2021
07.	WEBINAR ENTITLED “RAMAN SPECTROSCOPIC STUDIES ON MATERIALS RESEARCH”- “NANOMATERIALS CHARACTERIZATION	UNIVERSITY OF MADRAS	NATIONAL CENTRE FOR NANOSCIEN CE AND NANOTECHN OLOGY (NCNSNT)	ONLINE	15.04.2021
08.	NATIONAL WEBINAR	UNIVERSITY	NATIONAL CENTRE FOR	ONLINE	09.04.2021

	ON 'TRENDS IN WASTEWATER REMEDIATION AND MANAGEMENT WITH NANOTECHNOLOGY'	OF MADRAS	NANOSCIENCE AND NANOTECHNOLOGY (NCNSNT) AND CENTRE FOR WATER RESOURCES MANAGEMENT (CWRM)		
09.	INTERNATIONAL WEBINAR ON UNDERSTANDING THE UNIVERSE THROUGH NEUTRINOS	DEPARTMENT OF PHYSICS, MAHATMA GANDHI GOVERNMENT ARTS COLLEGE, MAHE	DEPARTMENT OF PHYSICS, MAHATMA GANDHI GOVERNMENT ARTS COLLEGE, MAHE	ONLINE	07.02.2021
10.	ONE WEEK PROGRAM ON WORLD SPACE WEEK	SPACE RESEARCH AND DEVELOPMENT (SSERD)	SPACE RESEARCH AND DEVELOPMENT (SSERD)	ONLINE	04.10.2020-10.10.2020.
11.	THE BEAUTY OF NONLINEAR SYSTEMS	DEPARTMENT OF PHYSICS, WMO ARTS AND SCIENCE COLLEGE AT MUTTIL	DEPARTMENT OF PHYSICS, WMO ARTS AND SCIENCE COLLEGE AT MUTTIL	ONLINE	01.08.2020
12.	LECTURE ON SPACE ASTRONOMY	NITI AAYOG AIM	NITI AAYOG AIM	ONLINE	21.07.2020
13.	ONE DAY INTERNATIONAL WEBINAR ON DATA	PG DEPARTMENT OF	PG DEPARTMENT OF	ONLINE	12.06.2020

	ANALYTICS AND APPLICATION	COMPUTER SCIENCE, BISHOP HEBER COLLEGE, TRICHY	COMPUTER SCIENCE, BISHOP HEBER COLLEGE, TRICHY		
14.	ONE DAY NATIONAL WEBINAR ON DYNAMIC MATERIALS MODEL	DEPARTMENT OF PHYSICS, S.D.N.B. VAISHNAV COLLEGE FOR WOMEN	DEPARTMENT OF PHYSICS, S.D.N.B. VAISHNAV COLLEGE FOR WOMEN	ONLINE	12.06.2020
15.	ONE DAY WEBINAR ON NANO COMPOSITE ION-CONDUCTING SOLID POLYMER ELECTROLYTE MATERIALS	DEPARTMENT OF BASIC SCIENCES AND HUMANTIES, VIGNAN'S INSTITUTE OF MANAGEMENT & TECHNOLOGY FOR WOMEN, HYDERABAD	DEPARTMENT OF BASIC SCIENCES AND HUMANTIES, VIGNAN'S INSTITUTE OF MANAGEMENT & TECHNOLOGY FOR WOMEN, HYDERABAD	ONLINE	10.06.2020
16.	ONE DAY WEBINAR ON MARVELS AND MYSTERIES OF THE UNIVERSE	PG AND RESEARCH DEPARTMENT OF PHYSICS, POPE'S COLLEGE, SAWYERPURAM	PG AND RESEARCH DEPARTMENT OF PHYSICS, POPE'S COLLEGE, SAWYERPURAM	ONLINE	09.06.2020
17.	ONE DAY WEBINAR ON GENERATION OF GENOMIC RESOURCE AND USAGE OF	DEPARTMENT OF ZOOLOGY, V.O.CHIDAMBARAM	DEPARTMENT OF ZOOLOGY, V.O.CHIDAM	ONLINE	09.06.2020

	BIOINFORMATICS TOOL	COLLEGE	BARAM COLLEGE		
18.	NATIONAL WEBINAR ON POST COVID-19 ONLINE TEACHING SCENARIO	DEPARTMENT OF COMMERCE, GEOGRAPHY, HISTORY AND ENGLISH, C.H. CHAUDHARI ARTS, S.G. PATEL. COMMERCE AND BABAJI. B. J. PATEL SCIENCE COLLEGE TALODA, MAHARASHTRA	DEPARTMENT OF COMMERCE, GEOGRAPHY, HISTORY AND ENGLISH, C.H. CHAUDHARI ARTS, S.G. PATEL. COMMERCE AND BABAJI. B. J. PATEL SCIENCE COLLEGE TALODA, MAHARASHTRA	ONLINE	08.06.2021
19.	ADVANCED MATERIALS ENGINEERING (2016)	THIAGARAJAR COLLEGE OF ENGINEERING	THIAGARAJAR COLLEGE OF ENGINEERING	MADURAI.	19.03.2016
20.	ONE DAY SEMINAR ON EXAMINATION REFORM	UGC	NMC	PUTHAN AMPATTI	16.02.2013
21.	SEMINAR ON EXAMINATION REFORMS	UGC	NMC	PUTHAN AMPATTI	15.03.2012
22.	STATE LEVEL SEMINAR ON EMBEDDED SYSTEMS AND ITS APPLICATIONS	UGC	NMC	PUTHAN AMPATTI	13.03.2012
Workshop(s)					
01.	THREE DAYS NATIONAL LEVEL	IEEE	ANNAI VAILANKAN	ONLINE	02.07.2021-04.07.2021

	WORKSHOP ON RESEARCH METHODOLOGY		NI COLLEGE OF ENGINEERING, KANYAKUMARI		
02.	ONE WEEK INTERNATIONAL WORKSHOP ON HOW TO WRITE A QUALITY RESEARCH ARTICLE	SRI VIDHYA MANDIR ARTS & SCIENCE COLLEGE UTHANGARAI, CHRIST UNIVERSITY BENGALURU, AND JYOTHI ENGINEERING COLLEGE THRISSUR	SRI VIDHYA MANDIR ARTS & SCIENCE COLLEGE UTHANGARAI, CHRIST UNIVERSITY BENGALURU, AND JYOTHI ENGINEERING COLLEGE THRISSUR	ONLINE	24.05.2021-30.05.2021
03.	2 DAYS LECTURE WORKSHOP ON CHEMISTRY FOR A SUSTAINABLE PLANET	INDIAN SCIENCE ACADEMIES	DEPARTMENT OF CHEMISTRY, KONGU ENGINEERING COLLEGE, PERUNDURAI	ONLINE	08.04.2021-09.04.2021
04.	A HIGH END INTERNATIONAL WORKSHOP ON THERMAL ENERGY STORAGE FOR BUILDING APPLICATIONS	KARYASHALA	DEPARTMENT OF MECHANICAL ENGINEERING NATIONAL INSTITUTE OF TECHNOLOGY	ONLINE	25.01.2021-29.01.2021

			ROURKELA		
05.	TWO WEEK WORKSHOP ON COMPREHENSIVE E-LEARNING TO E-TRAINING GUIDE FOR ADMINISTRATIVE WORK	MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA	TEACHING AND LEARNING CENTRE, RAMANUJAN COLLEGE, UNIVERSITY OF DELHI	ONLINE	25.05.2020-05.06.2020
06.	6 DAYS INTERNATIONAL WORKSHOP ON SMART MATERIALS SENSOR AND ENERGY DEVICES (SMSED-2020)	DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING, SSN COLLEGE OF ENGINEERING, CHENNAI	DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING, SSN COLLEGE OF ENGINEERING, CHENNAI	ONLINE	25.05.2020-30.05.2020
07.	4 DAYS INTERNATIONAL WORKSHOP ON SPACE SCIENCE	SPACE EDUCATION AND RESEARCH FOUNDATION, AHMEDABAD	DEPARTMENT OF PHYSICS, SCHOOL OF SCIENCE, RK UNIVERSITY, RAJKOT	ONLINE	18.05.2020-21.05.2020
08.	WORKSHOP ON NANOSTRUCTURED THIN FILMS FOR SOLAR CELL APPLICATIONS	KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY	KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY	TRICHY	23.10.2019
09.	WORKSHOP ON PREPARATION OF DOMESTIC PRODUCTS	TIDITSSIA-TRICHY	NMC	PUTHAN AMPATTI	28.08.2019-29.08.2019
10.	WORKSHOP ON SCIENCE WRITING	INDIAN ACADEMY OF	IISER	THIRUVANANTHAPURAM	07.01.2019-

	(2019)	SCIENCES		PURAM	19.01.2019
11.	WORKSHOP ON COMPUTER BASED SCIENCE EXPERIMENTS	IUAE	NATIONAL COLLEGE	TRICHY	30.06.2018
12.	WORKSHOP ON CHARACTERIZATION OF MATERIALS FOR ADVANCED APPLICATION	UGC	NIT	TRICHY	04.08.2016- 06.08.2016
13.	ONE DAY LED VIDEO WALL WORKSHOP	HAWAIIINDIA	HAWAIIINDI A	CHENNAI	03.12.2019
14.	WORKSHOP ON MODERN ANALYTICAL TECHNIQUES	NATIONAL COLLEGE	NATIONAL COLLEGE	TRICHY	18.02.2013- 20.02.2013
15.	WORKSHOP ON e- CONTENT DEVELOPMENT	NMC	NMC	PUTHAN AMPATTI	23-10.2013- 26.10.2013
16.	NONLINEAR PHYSICS: THEORY, EXPERIMENTS AND APPLICATIONS	TPSC	NMC	PUTHAN AMPATTI	29.03.1010- 31.03.2010
Symposium(s)					
01.	5 DAYS ONLINE INTERNATIONAL SYMPOSIUM ON RECENT ADVANCES IN ELECTROCHEMICAL SCIENCE FOR ENERGY AND ENVIRONMENT	DEPARTMENT OF CHEMISTRY, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOG Y, CHENNAI	DEPARTMEN T OF CHEMISTRY, SATHYABA MA INSTITUTE OF SCIENCE AND TECHNOLOG Y, CHENNAI	ONLINE	15.06.2020- 19.06.2020.
02.	STEPONE 2020 PROJECT DESIGN CONTEST	GMR INSTITUTE OF TECHNOLOG Y	GMR INSTITUTE OF TECHNOLOG Y	RAZAM, ANDHRA PRADESH	31.01.2020- 02.02.2020

03.	INNOVATION & ENTREPRENEURSHIP CONCLAVE (I-TEC 2019)	REVA UNIVERSITY	REVA UNIVERSITY	BANGALORE	03.01.2020-04.01.2020
04.	SPACE EXHIBITION-CUM-COMPETITION REFRESHER (2019)	ISRO MAHENDRAGIRI	CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY	ODDANCHATRAM, DINDIGUL	18.10.2019-19.10.2019
05.	SPACE EXHIBITION ON WORLD SPACE WEEK 2019	GOBI ARTS AND SCIENCE COLLEGE	SDSC SHARISRO SRIHARIKOTTA	GOBI	05.10.2019-07.10.2019

11. DETAILS OF PROFESSIONAL DEVELOPMENT

(Orientation / Refresher Course / FDP / Short Term Course / Online Course)

S. No.	Name of the events	Sponsored by	Conducted by	Place	Duration/ Date
Orientation Programme					
01.	ONE MONTH FACULTY INDUCTION /ORIENTATION PROGRAMME FOR FACULTY IN UNIVERSITIES /COLLEGES/INSTITUTIONS OF HIGHER EDUCATION	MINISTRY OF HUMAN RESOURCE DEVELOPMENT , GOVERNMENT OF INDIA	RAMANUJAN COLLEGE, UNIVERSITY OF DELHI	ONLINE	10.11.2020-09.12.2020.
02.	ICT TOOLS FOR TEACHING, LEARNING PROCESS AND INSTITUTE	IIT ROORKEE OF THE MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY (MEITY), GOVERNMENT OF INDIA	ELECTRONICS AND ACADEMIES NIT PATNA, MNIT JAIPUR, PDPM IITDM JABALPUR, IT GUWAHATI	ONLINE	10.08.2020-21.08.2020.

03.	VIRTUAL SUMMER SCHOOL ON NANOSCIENCE AND NANOMATERIALS	NATIONAL CENTRE FOR NANOSCIENCE AND NANOTECHNOLOGY, UNIVERSITY OF MADRAS	NATIONAL CENTRE FOR NANOSCIENCE AND NANOTECHNOLOGY, UNIVERSITY OF MADRAS	ONLINE	10.07.2020-30.07.2020
04.	10 DAYS INDIAN SUMMER SCHOOL ON CRYSTAL GROWTH (ISSCG-2020)	INDIAN ASSOCIATION FOR CRYSTAL GROWTH (IACG)	SSN RESEARCH CENTRE, SSN INSTITUTIONS, CHENNAI	ONLINE	14.05.2020-23-05.2020
05.	SPECIAL LECTURE SERIES ON THEORETICAL PHYSICS	UGC	JAMAL MOHAMED COLLEGE	TRICHY	10.02.2010-12.02.2010
06.	FRONTIER TOPIC IN PHYSICS	INDIAN ACADEMY OF SCIENCES	BISHOP HEBER COLLEGE	TRICHY	04.02.2008-05.02.2008
07.	RESEARCH ORIENTATION PROGRAMME FOR ENTRANTS(ROPE-07)	NIT	NIT	TRICHY	08.09.2007-09.09.2007
Refresher Course					
01.	EXPERIMENTAL PHYSICS	INDIAN ACADEMY OF SCIENCES	M.R College	VIZIGANAGARAM	15.04.2019-01.05.2019
02.	STATISTICAL PHYSICS AND ITS APPLICATIONS	INDIAN ACADEMY OF SCIENCES	TRIPURA CENTRAL UNIVERSITY	AGARDA LA, TRIPURA	02.05.2017-15.05.2017
03.	QUANTUM MECHANICS AND NUCLEAR PHYSICS	INSA	DYANAND SCIENCE COLLEGE	LATUR, MAHARASHTRA	15.04.2016-30.04.2016
04.	MATHEMATICAL METHODS IN PHYSICS AND THEIR APPLICATIONS	INDIAN ACADEMY OF SCIENCES	MUMBAI UNIVERSITY	MUMBAI	17.10.2016-29.10.2016
05.	MATERIALS PREPARATION AND MEASUREMENT OF PROPERTIES	INDIAN ACADEMY OF SCIENCES	INDIAN ACADEMY OF SCIENCES	BANGALORE	15.11.2016-30.11.2016

06.	EXPERIMENTAL PHYSICS	INDIAN ACADEMY OF SCIENCES	GOA UNIVERSITY	GOA	11.11.2014-26.11.2014
07.	EXPERIMENTAL PHYSICS	INDIAN ACADEMY OF SCIENCES	BHARATHIDASAN UNIVERSITY	TIRUCHIRAPPALLI	19.01.2009-03.02.2009
Faculty Development Programme					
01.	FDP ON NANO FURTHERANCE OF PHARMACEUTICAL ENGINEERING: AN INDUSTRIAL PERCEIVE	AICTE TRAINING AND LEARNING (ATAL) ACADEMY	NIRMALA COLLEGE OF PHARMACY	ONLINE	21.06.2021-25.06.2021
02.	ONE WEEK NATIONAL LEVEL ONLINE FACULTY DEVELOPMENT PROGRAMME ON “ONLINE TEACHING TOOLS FOR EDUCATORS”	INDIAN SOCIETY FOR TECHNICAL EDUCATION, TAMILNADU SECTION	ISTE CHAPTER, MURUGAPPA POLYTECHNIC COLLEGE, CHENNAI	ONLINE	14.06.2021-20.06.2021
03.	FDP ON GIS & REMOTE SENSING AND ITS APPLICATIONS	AICTE TRAINING AND LEARNING (ATAL) ACADEMY	PUNJAB REMOTE SENSING CENTRE	ONLINE	07.06.2021-11.06.2021
04.	FDP ON RECENT DEVELOPMENTS IN SUSTAINABLE PROCESSES	AICTE TRAINING AND LEARNING (ATAL) ACADEMY	INDIAN INSTITUTE OF CARPET TECHNOLOGY	ONLINE	31.05.2021-04.06.2021
05.	FDP ON RECENT TRENDS AND OPPORTUNITIES FOR RESEARCH IN ELECTRONICS AND COMPUTER SCIENCE ENGINEERING	AICTE TRAINING AND LEARNING (ATAL) ACADEMY	GOA COLLEGE OF ENGINEERING	ONLINE	24.05.2021-28.05.2021
06.	FDP ON OUTCOME BASED EDUCATION: MAPPING AND RUBRICS	NEHRU MEMORIAL COLLEGE, PUTHANAMPATTI	NEHRU MEMORIAL COLLEGE, PUTHANAMPATTI	ONLINE	20.05.2021-21.05.2021

07.	TWO WEEK ADVANCED CONCEPTS FOR DEVELOPING MOOCS	MINISTRY OF HUMANA RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA	TEACHING AND LEARNING CENTERE, RAMANUJAN COLLEGE, UNIVERSITY OF DELHI	ONLINE	02.07.2020-17.07.2020.
08.	ONE WEEK FACULTY DEVELOPMENT PROGRAMME ON ENTREPRENEURSHIP, INCUBATION AND INNOVATION	MINISTRY OF HUMANA RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA	TEACHING AND LEARNING CENTERE, RAMANUJAN COLLEGE, UNIVERSITY OF DELHI	ONLINE	23.06.2020-29.06.2020.
09.	ONE WEEK FACULTY DEVELOPMENT PROGRAMME ON OPEN SOURCE TOOLS FOR RESEARCH	MINISTRY OF HUMANA RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA	TEACHING AND LEARNING CENTERE, RAMANUJAN COLLEGE, UNIVERSITY OF DELHI	ONLINE	08.06.2020-14.06.2020.
10.	3 DAYS FACULTY DEVELOPMENT PROGRAMME ON FRONTIERS IN SCIENTIFIC RESEARC AND TECHNOLOGY	ST. JOSEPH'S INSTITUTE OF TECHNOLOGY, CHENNAI	ST. JOSEPH'S INSTITUTE OF TECHNOLOGY, CHENNAI	ONLINE	11.06.2020-13.06.2020
11.	ONE WEEK FACULTY DEVELOPMENT PROGRAMME ON RESEARCH METHODOLOGY: TOOLS AND TECHNIQUES	MINISTRY OF HUMANA RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA	ATMA RAM Sanatan Dharma College, University of Delhi Collaboration with Ramanujan College, University of Delhi	ONLINE	05.06.2020-11.06.2020.

12.	TWO WEEK FACULTY DEVELOPMENT PROGRAMME ON MANAGING ONLINE CLASSES AND CO-CREATING MOOCS	MINISTRY OF HUMANA RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA	TEACHING AND LEARNING CENTERE, RAMANUJAN COLLEGE, UNIVERSITY OF DELHI	ONLINE	20.04.2020-06.06.2020
13.	ONE WEEK FACULTY DEVELOPMENT PROGRAMME ON MODERN TEACHING, EVALUATION AND RESEARCH METHODS	UGC	VINAYAKRA O PATIL MAHAVIDYA LAYA, VAIJAPUR	ONLINE	02.06.2020-07.06.2020
14.	STUDENTS SKILLS:MENTORING AND COUNSELLING	NMC	NMC	PUTHAN AMPATTI	30.05.2019
15.	FACULTY DEVELOPMENT PROGRAMME	PMO-IEDP	SASTRA UNIVERSITY	THANJAVUR	03.01.2018-05.01.2018
16.	FACULTY DEVELOPMENT PROGRAMME	PMO-IEDP	NIT	TIRUCHI RAPPALL	15.11.2017-17.11.2017
17.	TWO DAY WORHSHOP ON CAREER GUIDANCE AND COUNSELLING	UGC	NMC	PUTHAN AMPATTI	23.10.2010-24.10.2010
Online Course					
01.	GEOSPATIAL APPLICATIONS FOR DISASTER RISK MANAGEMENT	ISRO	CENTER FOR SPACE SCIENCE AND TECHNOLOGY EDUCATION FOR ASIA ANT THE PACIFIC	ONLINE	28.07.2021 (10 HOURS)
02.	SHORT TERM COURSE ON PRACTICAL CONSIDERATIONS AND SYSTEM ASPECTS OF	DEPARTMENT OF PHYSICS, KONGUNADU ARTS AND SCIENCE	DEPARTMEN T OF PHYSICS, KONGU NADU ARTS	ONLINE	10.06.2021-12.06.2021

	SOLAR PHOTOVOLTAICS	COLLEGE, COIMBATOR	AND SCIENCE COLLEGE, COIMBATOR		
03.	SORT TERM TRAINING PROGRAMME (STTP) ON EMERGING TRENDS IN NANOMATERIALS FOR ELECTRONIC AND OPTOELECTRONIC DEVICE	AICTE	DEPARTMEN T OF ELECTRONIC S & COMMUNICA TION ENGINEERIN G, SWARNAND HRA COLLEGE OF ENGINEERIN G & TECHNOLOG Y, KAKINADA	ONLINE	24.06.2021- 29.06.2021
04.	H.C.VERMA COURSE ON CLASSICAL MECHANICS - 1	INDIAN INSTITUTE OF TECHNOLOG Y KANPUR	INDIAN INSTITUTE OF TECHNOLOG Y KANPUR	ONLINE	26.01.2020- 25.04.2021
05.	LI-ION CELL CHEMISTRY, CALCULATIONS & MODELING L1 (PART 1 & PART 2)	DECIBELS	DECIBELS ELECTRIC VECHICLE COMMUNITY EVENT	ONLINE	12.01.2021
06.	ELECTRIC VEHICLE MOTOR & BATTERY SIZING CALCULATION L1.	DECIBELS	DECIBELS ELECTRIC VECHICLE COMMUNITY EVENT	ONLINE	12.01.2021
07.	SHORT TERM TRAINING PROGRAM ON AUGMENTATION OF SMART MATERIALS AND TECHNOLOGIES FOR COMMERCIAL ENERGY HARVESTATION- PHASE	AICTE	KONGU ENGINEERIN G COLLEGE, PERUNDURA I	ONLINE	30.11.2020- 05.12.2020

II					
08.	25 DAYS COURSE ON REMOTE SENSING AND DIGITAL IMAGE ANALYSIS	INDIAN INSTITUTE OF REMOTE SENSING (IIRS), ISRO	INDIAN INSTITUTE OF REMOTE SENSING (IIRS), ISRO	ONLINE	17.08.2020-11.09.2020.
09.	4 DAYS COURSE ON ROCKET MASTERCLASS	STAR-SPACE TECHNOLOGY AND AERONAUTICAL ROCKETRY	STAR-SPACE TECHNOLOGY AND AERONAUTICAL ROCKETRY	ONLINE	10.06.2020-13.06.2020
10.	70 DAYS COURSE ON LEARNING PHYSICS THROUGH SIMPLE EXPERIMENTS	INDIAN INSTITUTE OF TECHNOLOGY, KANPUR	INDIAN INSTITUTE OF TECHNOLOGY, KANPUR	ONLINE	02.04.2020-10.06.2020

12. PUBLICATION(S) (In Numbers)

Journal(s)	
International	National
3	1

Cumulative Impact Factor (Research gate)	8.82
h-index	2
Citations	132

13. DETAILS OF PUBLICATIONS

S. No.	Name of the author/s	Title of the paper with e-link	National/ International	Name of journal	Volume Page No & Year	ISSN
1.	P.Ramesh, K.Saravanan, P.Manogar,	Green synthesis and characterization of biocompatible zinc oxide nanoparticles and evaluation of	International	Sensing and Bio-Sensing Research	31, February 2021,	2214-1804

	J.Johnson E.Vinoth and M.Mayakannan	its antibacterial potential https://doi.org/10.1016/j.sbsr.2021.100399			100399	
2.	P.Ramesh and K.Saravanan	Green synthesis, characterization, Antimicrobial and Food packaging application of biocompatible zinc oxide nanoparticles http://www.ajrpsb.com/archives1.php?volume=6&issue=4&year=2018	Internati onal	Asian Journal of Research in Pharmaceutic al Sciences and Biotechnology	6(4), 2018, 76-86.	2349-7114
3.	P.Ramesh, A.Rajendran and Arumugam Subramanian	Synthesis of Zinc Oxide Nanoparticle from fruit of Citrus Aurantifolia by chemical and green method http://www.ajpcrjournal.com/archives1.php?volume=2&issue=4	Internati onal	Asian Journal of Phytomedicin e and Clinical Research	2(4), 2014, 189 - 195.	2321-0915
4.	3. P.Ramesh, A.Rajendran and M.Meenakshisu ndaram	Green Synthesis of Zinc Oxide Nanoparticles Using Flower Extract Cassia Auriculata http://www.indiasciencetech.com/index.php?journal=nanotechnology&page=article&op=view&path%5B%5D=29	National	Journal of NanoScience and NanoTechnolo gy,	2(1),2014, 41-45.	2279-0381

14. **DETAILS OF PRESENTATION(S)**

S. No.	Name of the Paper	Name of the Conference / Seminar	Nationa l/ Internat ional	Place	Duration/ Date
01	zince oxide nanoparticles using leaf extract muraya koenigii and evaluation of its antibacterial potential	International conference on Novel Materials for Energy, Engineering & Bilogical Appliactions (NMEEB-2019)	Interna tional	Karur	09.04.2019
02	Green synthesis and characterization of	National conference on	Nation	Namakkal	07.02.2019-

	biocompatible Zinc oxide nanoparticles and evaluation of its antibacterial potential	frontiers in advanced physics (NCFAP-2019)	al		08.02.2019
03	Green Synthesis, characterization and antibacterial potential of biocompatible Cu doped ZnO nanoparticles	International conference on chemical and environmental research (ICCER-2018)	International	Tiruchirappalli	19.12.2018
04	Photosynthesis and characterisation of TiO ₂ nanoparticles using Diospyros ebenum leaf extract and antibacterial	International Conference on Advanced Material and its Application (ICAMA-2018),	International	Perambalur	13.08.2018-14.08.2018
05	Green synthesis and characterization of biocompatible Zinc oxide nanoparticles using leaf extract of Cassia auriculata	International conference on recent trends in materials science and technology (ICRTMST-2018)	International	Dharmapuri	19.01.2018-20.01.2018
06	Preparation and Characterization of Polyvinyl Alcohol and Tartaric Acid Based Taste Sensing Membrane.	National seminar on recent trends in biological science	National	PUTHANAMPA TTI	07.03.2013-08.03.2013

15. **EVENT(S) ORGANIZED**

S. No.	Name of the Programme	Role of Responsibility held	Name of the Resource Person	Date of the Event
01.	TWO DAY STATELEVEL SCIENCE EXHIBITION	ORGANIZER	Nellai.S.Muthu	12.12.2019&13.12.2019

02.	NATIONAL SCIENCE DAY 2020	ORGANIZER	Manickam Mahendran	28.02.2020
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16. **RESEARCH PROJECTS RECEIVED**

TITLE OF THE PROJECTS	FUNDING AGENCY	AMOUNT (Rs.)
Green synthesis of zinc oxide nanoparticles and study of photo catalytic and evaluation of antioxidant activity	UGC Minor Research project (MRP 6840/16)	2.70 Lakhs

17. **ACADEMIC / ADMINSTRATIVE RESPONSIBILITIES HELD**

- ACTING AS DEPTY WARDEN FOR HIGHLAND BOYS HOSTEL
- ACTING AS COMPUTER NETWORK ADMINISTRATOR / SYSTEM ADMINISTATOR
- ACTED AS COORDINATOR OF INDUSTRIAL VISIT
- ACTING AS COORDINATOR OF NATIONAL SCHOLARSHIP EXAM (NICE)
- ACTING AS MEMBER FOR ANTI-RAGGING COMMITTEE
- ORGANIZER OF STATE LEVEL SCIENCE EXHIBITION
- DIPLOMA IN EEE AND INSTRUMENTATION
- ACTING AS COORDINATOR FOR MOBILE SERVICE COURSE

18. **CONTRIBUTION IN SCIENCE LAST FORTNIGHT NEWS, CURRENT SCIENCE**

1. **P.Ramesh**, Growing nitrogen-doped graphene quantum dots on carbon fabric, Steam india Reports -Thematic Aras,Environment, 12 July 2019.
2. **P.Ramesh**, Carbon Sequestration for Coal-based Power Plants, Steam india Reports - Energy, 18 June 2019.

3. **P.Ramesh** and Udham P.K, Zinc Oxide for Dye Sensitised Solar Cells – Engineering Bangap by Doping, Steam india Reports - Energy, 11 May 2019.
4. Nihar Ranjan Sahoo, Ravi Mishra, **P. Ramesh**, P. K. Udham, Pudi Venkatesu, Pavithra Nayak, V. Subashini, J. Akash and Gita Madhu, Reported Science Last Fortnight, News, current science, vol. 116, no. 8, 25 April 2019.
5. **P.Ramesh**, Retaining Coconut Water Quality, Lab to Land, Kerala Karshakan e-journal, Vol 6(10), April 2019.
6. **P. Ramesh**, Jiumoni Lahkar, Kavita Pal, Pavithra Nayak, P. K. Udham, Ravi Mishra, Gita Madhu, Sileesh Mullasserri and S. Badrinarayan, Reported Science Last Fortnight, News, current science, vol. 116, no. 6, 25 March 2019.
7. Tejinder Singh Chechi, Anup Raj, **P. Ramesh**, Mohit Rajabhoj, Dhanashree, Anand C. Reddy, Sushmitha Baskar, P. K. Udham, J. H. Akash and Sileesh Mullasserri, Reported Science Last Fortnight, News, current science, vol. 116, no. 4, 25 February 2019.
8. Tejinder Singh Chechi, Anup Raj, Roopkatha Bhattacharya, **P. Ramesh**, Mohit Rajabhoj, Anand C. Reddy, J. H. Akash, Dhanashree, Sanghamitra Deobhanj, Soumyajit Sanyal and Sushmitha Baskar, Reported Science Last Fortnight, News, current science, vol. 116, no. 3, 10 February 2019.