

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
Ph.D	Nehru Memorial College, Puthanampatti. (Bharathidasan university)	2024 (Submitted)
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	16	16	15

4. RESEARCH GUIDANCE (In Numbers)

Program of Study		Completed	Ongoing
Project	PG	25	01

5. PARTICIPATION (In Numbers)**

Events	International	National	State	Regional
Seminars	22	23	06	03
Workshops	07	14	03	01
Conference	10	04	01	-

6. PROFESSIONAL DEVELOPMENT (In Numbers)**

Orientation Programme(s)	Refresher Course(s)	Faculty Development Programme(s)	Short Term Online Course(s)
16	08	33	16

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

1. ACT AS RESOURCE PERSON WORKSHOP ON TAMIL NADU ASTRO SCIENCE SYMPOSIUM, (29 JUNE- 1 JULY 2023), ORGANIZED BY VIGYAN PRASAR, ARIVIYAL PALAGAI, TAMIL NADU SCIENE AND TECHNOLOGY CENTER, TAMIL NADU ASTRONOMICAL SCIENCE SOCIETY, INDIAN INSTITUTE OF ASTRO PHYSICS, BISHOP HEBER COLLEGE AND KODAIKANAL SOLAR OBSERVATORY & MUSEUM.

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

3. 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.

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

5. ACT AS RESOURCE PERSON SPECIAL SEMINAR ON FROM ATOM TO UNMRSE, (21 MAY 2021), ORGANIZED BY IMMACULATE COLLEGE FOR WOMEN, VIRIYUR, SANKARAPURAM, KALLAKURICHI.

6. ACT AS RESOURCE PERSON SPECIAL SEMINAR ON CLIMATE CHANGE, (20 NOV 2021), ORGANIZED BY ST. JOSEPH'S COLLEGE, TIRUCHIRAPPALLI.

8. **DETAILS OF MEMBERSHIP**

Academic Bodies (Board of studies)	<p>1. INDIAN SOCIETY OF SYSTEMS FOR SCIENCE AND ENGINEERING (ISSE).</p> <p>2. INDIAN ASSOCIATION OF PHYSICS TEACHERS (IAPT).</p> <p>3. MEMBER OF TAMIL NADU SCIENCE FORM</p>
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9. **PUBLICATION(S) (In Numbers)**

Journal(s) Published	
International	National
7	2
Paper(s) Presented	
International	National
8	2

Research Interest Score (Research gate)	567.8
h-index	10
Citations	521

Vidwan-ID : 177066 <https://nmc.irins.org/profile/177066>

Research gate ID: <https://www.researchgate.net/profile/P-Ramesh-6/stats>

Google Scholler ID: <https://scholar.google.com/citations?user=gjNCi2cAAAAJ&hl=en>

Scopus ID: <https://www.scopus.com/authid/detail.uri?authorId=57191526720>

10. **DETAILS OF PUBLICATIONS**

1. **Ramesh, P., & Rajendran, A.** (2023). Green synthesis of manganese dioxide nanoparticles: photocatalytic and antimicrobial investigations. *International Journal of Environmental Analytical Chemistry*. <https://doi.org/10.1080/03067319.2023.2203822>
2. **Ramesh, P., & Rajendran, A.** (2023). Photocatalytic dye degradation activities of green synthesis of cuprous oxide nanoparticles from Sargassum wightii extract. *Chemical Physics Impact*, 6. <https://doi.org/10.1016/j.chphi.2023.100208>

3. **Ramesh, P.**, Rajendran, A., & Ashokkumar, M. (2022). Biosynthesis of zinc oxide nanoparticles from Phyllanthus Niruri plant extract for photocatalytic and antioxidant activities. *International Journal of Environmental Analytical Chemistry*. <https://doi.org/10.1080/03067319.2022.2041004>
4. **Ramesh, P.**, & Rajendran, A. (2022). Green synthesis of nickel oxide nanoparticles for photodegradation analysis. *Materials Today: Proceedings*. <https://doi.org/10.1016/j.matpr.2022.06.226>.
5. **Ramesh, P.**, Saravanan, K., Manogar, P., Johnson, J., Vinoth, E., & Mayakannan, M. (2021). Green synthesis and characterization of biocompatible zinc oxide nanoparticles and evaluation of its antibacterial potential. *Sensing and Bio-Sensing Research*, 31(January), 100399. <https://doi.org/10.1016/j.sbsr.2021.100399>
6. Manogar, P., Esther Morvinyabesh, J., **Ramesh, P.**, Dayana Jeyaleela, G., Amalan, V., Ajarem, J. S., Allam, A. A., Seong Khim, J., & Vijayakumar, N. (2022). Biosynthesis and antimicrobial activity of aluminium oxide nanoparticles using Lyngbya majuscula extract. *Materials Letters*, 311. <https://doi.org/10.1016/j.matlet.2021.131569>
7. **Ramesh, P.**,& Rajendran, A. (2014). *Synthesis Of Zinc Oxide Nanoparticles From Fruit Of Citrus Aurantifolia By Chemical And green Method*. 2(4), 189–195.
8. **Ramesh, P.**, Rajendran, A., & Meenakshisundaram, M. (2014). *Green Synthesis of Zinc Oxide Nanoparticles Using Flower Extract Cassia Auriculata*. 2(1), 41–45.
9. **Ramesh. P**, Saravanan.K (2018). Green synthesis, characterization, antimicrobial and food packaging application of biocompatible zinc oxide nanoparticles. In / *Asian Journal of Research in Pharmaceutical Sciences and Biotechnology* (Vol. 6, Issue 4). www.uptodateresearchpublication.com

11. **ANY OTHER ACTIVITIES**

Articles published in Newspaper(s) / Magazine(s)	1000
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12. **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 "SOLAR ERUPTIONS AND THEIR EFFECTS ON SPACE WEATHER"	SETHU INSITUTE OF TECHNOLOG Y, MADURAI	SETHU INSITUTE OF TECHNOLOG Y, MADURAI	ONLINE	30-03-2022
02.	INTERNATIONAL ONLINE CONFERENCE ON FARAON-2022	INSTITUTE FOR ENERGY TECHNOLOG Y (IFE), UNIVERSITY OF OSLO (UIO), NORWAY AND MADURAI KAMARAJ UNIVERSITY (MKU)	INSTITUTE FOR ENERGY TECHNOLOG Y (IFE), UNIVERSITY OF OSLO (UIO), NORWAY AND MADURAI KAMARAJ UNIVERSITY (MKU)	ONLINE	02-02-2022-04-02-2022
03.	INTERNATIONAL ONLINE CONFERENCE ON RECENT ADVANCES IN INFORMATION TECHNOLOGY (READIT-2021)	IGCAR, KALPAKKAM	IGCAR, KALPAKKAM	ONLINE	24-11-2021-25-11-2021
04.	"VIRTUAL INTERNATIONAL CONFERENCE ON FUNCTIONAL MATERIALS AND ITS APPLICATION ASPECTS (ICFMAA – 2021)	SAVEETHA SCHOOL OF ENGINEERIN G	SAVEETHA SCHOOL OF ENGINEERIN G	ONLINE	29.10.2021-30.10.2021
05.	NATIONAL CONFERENCE ON "EMERGING TRENDS IN FUNCTIONAL OXIDES AND NANOMATERIALS, (ETiFON-2021)	SAURASHTRA UNIVERSITY, RAJKOT, GUJARAT	SAURASHTRA UNIVERSITY, RAJKOT, GUJARAT	ONLINE	28.10.2021-29.10.2021

06.	INTERNATIONAL CONFERENCE ON SOLUTION GROWN CRYSTALS AND THEIR USEFUL APPLICATIONS (SGCA-2021)	SSN RESEARCH CENTRE, SSN INSTITUTIONS (AUTONOMOUS), CHENNAI-603110,	INDIAN ASSOCIATION FOR CRYSTAL GROWTH (IACG)	ONLINE	13.09.2021-15.09.2021
07.	INTERNATIONAL CONFERENCE ON “SUSTAINABLE MATERIALS AND TECHNOLOGIES FOR BIO AND ENERGY APPLICATIONS, (SMTBEA-2021)”	SSN INSTITUTIONS, KALAVAKKA, CHENNAI	SSN INSTITUTIONS, KALAVAKKAM, CHENNAI	ONLINE	19.05.2021-20.05.2021
08.	2 ND INDO-KOREA VIRTUAL CONFERENCE ON DEVELOPMENT OF ADVANCED MATERIALS FOR FUTURE TECHNOLOGIES (DAMFT-2021)	KAIST, DAEJEON, SOUTH KOREA & VELLORE INSTITUTE OF TECHNOLOGY, CHENNAI	KAIST, DAEJEON, SOUTH KOREA & VELLORE INSTITUTE OF TECHNOLOGY, CHENNAI	ONLINE	14.05.2021-15.05.2021
09.	TWO DAYS INTERNATIONAL CONFERENCE ON “RETHINKING SCIENCE FOR SUSTAINABLE DEVELOPMENT	DEPARTMENT OF CHEMISTRY, RAJDHANI COLLEGE, UNIVERSITY OF DELHI	DEPARTMENT OF CHEMISTRY, RAJDHANI COLLEGE, UNIVERSITY OF DELHI	ONLINE	20.04.2021-21.04.2021
10.	INTERNATIONAL CONFERENCE ON SPACE SCIENCE AND TECHNOLOGY (ICSST-2021)	SPACE EDUCATION AND RESEARCH FOUNDATION (SERF),	SPACE EDUCATION AND RESEARCH FOUNDATION (SERF), AHMEDABA	ONLINE	05.04.2021-07.04.2021

		AHMEDABAD	D		
11.	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 DEPARTMENT OF PHYSICS AND IQAC OF RAJE RAMRAO MAHAVIDYA LAYA, JATH, MAHARASHTRA	ONLINE	06.06.2020-07.06.2020
12.	TWO DAYS INTERNATIONAL CONFERENCE ON CHALLENGES AND OPPORTUNITIES IN AERONAUTICS, ASTRONAUTICS AND AVIATION	THE INSTITUTION OF ENGINEERS (INDIA) IN ASSOCIATION WITH INSTITUTE OF AERONAUTICS AND AVIATION	THE INSTITUTION OF ENGINEERS (INDIA) IN ASSOCIATION WITH INSTITUTE OF AERONAUTICS AND AVIATION	ONLINE	30.05.2020-31.05.2020
13.	LAMSYS-2018	ISRO	ISSE&SHAR	CHENNAI	20-21.04.2018
14.	ADOPTION ENERGY EFFICIENT PROCESS TECHNOLOGIES AND PRACTICE AND IMPLEMENTATION	BUREAU OF ENERGY EFFICIENCY	BUREAU OF ENERGY EFFICIENCY	TRICHY	27.07.2011
Seminar(s)					
01.	MAGNETIC ORDER IN MANGANITES	SR UNIVERSITY, WARANGAL	SR UNIVERSITY, WARANGAL	ONLINE	23-12-2023

02.	RAMAN SOLITONS AND RAMAN RANDOM FIBER LASERS	UNIVERSITY OF KERALA	UNIVERSITY OF KERALA	ONLINE	28-11-2023
03.	ULTRA-SHORT LASER PULSES FOR MATERIAL SYNTHESIS, LITHOGRAPHY AND CHARACTERISATION	UNIVERSITY OF KERALA	UNIVERSITY OF KERALA	ONLINE	20-11-2023
04.	BASICS OF PHOTOACOUSTICS FOR GAS AND AEROSOL CONCENTRATION MEASUREMENTS	UNIVERSITY OF KERALA	UNIVERSITY OF KERALA	ONLINE	14-11-2023
05.	NATIONAL SEMINAR ON MATERIALS SCIENCE AND ENGINEERING (NSME-2023)	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI.	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI.	ONLINE	11-11-2023
06.	THE GENESIS OF THE CARBON DIOXIDE LASER AND HOW IT CHANGED THE WORLD OF LASERS	UNIVERSITY OF KERALA	UNIVERSITY OF KERALA	ONLINE	11-11-2023
07.	RAMAN SPECTROSCOPY A QUINTESSENTIAL TOOL IN BIOTECHNOLOGY	UNIVERSITY OF KERALA	UNIVERSITY OF KERALA	ONLINE	10-11-2023
08.	INTERNATIONAL WEBINAR ON "GREEN CLEAN AND AFFORDABLE MAGNETS	SAVEETHA ENGINEERING COLLEGE (AUTONOMOUS), CHENNAI	SAVEETHA ENGINEERING COLLEGE (AUTONOMOUS), CHENNAI	ONLINE	29-04-2023
09.	NATIONAL VIRTUAL SEMINAR ON "SUSTAINABLE DEVELOPMENT GOALS	VASANTRAO NAIK ARTS, SCIENCE AND COMMERCE	VASANTRAO NAIK ARTS, SCIENCE AND	ONLINE	14-03-2023

		COLLEGE, SHAHADA (M.S.)	COMMERCE COLLEGE, SHAHADA (M.S.)		
10.	NANOMATERIALS FOR NOVEL APPLICATIONS	RAMCO INSTITUTE OF TECHNOLOG Y, RAJAPALAYA M	RAMCO INSTITUTE OF TECHNOLOG Y, RAJAPALAY AM	ONLINE	13-01-2023
11.	SECURE DATA HANDLING USING OPTICAL PROCESSING	UNIVERSITY OF KERALA	UNIVERSITY OF KERALA	ONLINE	07-12-2022
12.	QUANTUM IMAGING	UNIVERSITY OF KERALA	UNIVERSITY OF KERALA	ONLINE	01-12-2022
13.	STRONG LIGHT- MATTER INTERACTIONS IN LOW-DIMENSIONAL EXCITONIC SEMICONDUCTORS	UNIVERSITY OF KERALA	UNIVERSITY OF KERALA	ONLINE	23-11-2022
14.	TERAHERTZ SPECTROSCOPY OF GA ₂ O ₃ , METAMATERIALS AND NEAR-FIELD TERAHERTZ MAPS	UNIVERSITY OF KERALA	UNIVERSITY OF KERALA	ONLINE	14-11-2022
15.	NANOFLUIDS BY PULSED LASER IN LIQUID: EMERGING COOLANTS FAMILY	UNIVERSITY OF KERALA	UNIVERSITY OF KERALA	ONLINE	09-11-2022
16.	INTERNATIONAL WEBINAR "RESEARCH ETHICS AND QUALITY PUBLICATIONS"	CRESCENT INSTITUTE OF SCIENCE & TECHNOLOG Y, CHENNAI	CRESCENT INSTITUTE OF SCIENCE & TECHNOLOG	ONLINE	28-05-2022

			Y, CHENNAI		
17.	NATIONAL WEBINAR ON "NEW TRENDS IN ANALYTICAL TECHNIQUES"	ST. XAVIER'S COLLEGE, MAPUSA-GOA	ST. XAVIER'S COLLEGE, MAPUSA-GOA	ONLINE	30-03-2023
18.	NATIONAL WEBINAR ON "TWO-DIMENSIONAL MATERIALS: GRAPHENE AND BEYOND"	SATHYABAMA UNIVERSITY, CHENNAI	SATHYABAMA UNIVERSITY, CHENNAI	ONLINE	28-03-2022
19.	WEBINAR SERIES ON "ADVANCES IN MATERIAL SCIENCE AND THIN FILMS TECHNOLOGY"	PERIYAR MANIAMMAI INSTITUTE OF SCIENCE & TECHNOLOGY (DEEMED TO BE UNIVERSITY), THANJAVUR	PERIYAR MANIAMMAI INSTITUTE OF SCIENCE & TECHNOLOGY (DEEMED TO BE UNIVERSITY), THANJAVUR	ONLINE	07-03-2022
20.	NATIONAL SCIENCE DAY PROGRAM	INTER-UNIVERSITY ACCELERATOR CENTRE, NEW DELHI	INTER-UNIVERSITY ACCELERATOR CENTRE, NEW DELHI	ONLINE	28-02-2022
21.	RECENT ADVANCEMENT IN SCIENCE	SHREE SATHYAM COLLEGE OF ENGINEERING AND TECHNOLOGY, SALEM	SHREE SATHYAM COLLEGE OF ENGINEERING AND TECHNOLOGY, SALEM	ONLINE	28-02-2022
22.	NATIONAL WEBINAR ON LUMINESCENT MATERIALS FOR FORENSIC AND SECURITY	CVR GOVERNMENT DEGREE COLLEGE(A), VIJAYAWADA	CVR GOVERNMENT DEGREE COLLEGE(A), VIJAYAWADA	ONLINE	25-02-2022

	APPLICATIONS		A		
23.	INTERNATIONAL WEBINAR ON EMERGING MATERIALS	SETHU INSTITUTE OF TECHNOLOGY, CHENNAI	SETHU INSTITUTE OF TECHNOLOGY, CHENNAI	ONLINE	23-02-2022
24.	3RD INTERNATIONAL WEB SEMINAR ON MATERIAL SCIENCE AND TECHNOLOGY (IWSMST-2021)	PACHAMUTHU COLLEGE OF ARTS AND SCIENCE FOR WOMEN, DHARMAPURI	PACHAMUTHU COLLEGE OF ARTS AND SCIENCE FOR WOMEN, DHARMAPURI	ONLINE	27-12-2021-28-12-2021
25.	ADVANCED MATERIALS - WEBINAR SERIES 2021	ST. JOSEPH'S COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI	ST. JOSEPH'S COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI	ONLINE	20-12-2021
26.	NATIONAL CONFERENCE ON MATERIAL SCIENCE AND TECHNOLOGY (NCMST-2021)	ARASU ENGINEERING COLLEGE, KUMBAKONAM	ARASU ENGINEERING COLLEGE, KUMBAKONAM	ONLINE	20-12-2021
27.	NATIONAL LEVEL WEBINAR ON "EMERGING TRENDS IN THE FIELD OF MATERIALS SCIENCE (EMFMS)"	GONZAGA COLLEGE OF ARTS AND SCIENCE FOR WOMEN, KRISHNAGIRI	GONZAGA COLLEGE OF ARTS AND SCIENCE FOR WOMEN, KRISHNAGIRI	ONLINE	29.09.2021
28.	WEBINAR ON RECENT ADVANCES IN DRUG DEVELOPMENT FOR MANKIND (RADDM	GITAM INSTITUTE OF SCIENCE, GITAM,	GITAM INSTITUTE OF SCIENCE, GITAM,	ONLINE	11.08.2021

	2021),	VISAKHAPAT NAM	VISAKHAPA TNAM		
29.	WEBINAR ON “ASTROPHYSICS”	PERIYAR MANIAMMAI INSTITUTE OF SCIENCE & TECHNOLOG Y, THANJAVU R	PERIYAR MANIAMMAI INSTITUTE OF SCIENCE & TECHNOLOG Y, THANJAVU R	ONLINE	06.08.2021
30.	NATIONAL LEVEL WEBINAR SERIES ON “PHOTOVOLTAICS IN 360 (DESIGN TO IMPLEMENTATION)”	B. S. A CRESCENT INSTITUTE OF SCIENCE AND TECHNOLOG Y, CHENNAI.	B. S. A CRESCENT INSTITUTE OF SCIENCE AND TECHNOLOG Y, CHENNAI.	ONLINE	02.08.2021- 06.08.2021
31.	INTERNATIONAL WEBINAR ON ASTRONOMY AND ASTROPHYSICS ENTITLED “TWINKLE TWINKLE LITTLE STARS! HOW I WONDER WHAT YOU!!”	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	22.07.2021
32.	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

33.	WEBINAR ON EXPERIMENTAL TECHNIQUES AND RELATED ANALYSIS METHODS IN CONDENSED MATTER PHYSICS	LABORATORY OF FUNCTIONAL OXIDES, DEPARTMENT OF PHYSICS, SAURASHTRA UNIVERSITY, RAJKOT	GUJARAT COUNCIL ON SCIENCE & TECHNOLOGY (GUJCOST), DEPARTMENT OF SCIENCE & TECHNOLOGY (DST), GOVERNMENT OF GUJARAT, GANDHINAGAR	ONLINE	09.07.2021-10.07.2021
34.	WEBINAR ON ASTRONOMY AND ASTROPHYSICS-THE SUN	DEPARTMENT OF APPLIED PHYSICS, KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCE, COIMBATOR	DEPARTMENT OF APPLIED PHYSICS, KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCE, COIMBATOR	ONLINE	28.06.2021
35.	INTERNATIONAL WEBINAR ON INDIAN NUCLEAR POWER PROGRAMME-FAST FORWARD TO ENERGY SUSTAINABILITY- THE INDIAN FAST BREEDER REACTOR PROGRAMME	DEPARTMENT OF APPLIED PHYSICS, KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCE, COIMBATOR	DEPARTMENT OF APPLIED PHYSICS, KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCE, COIMBATOR	ONLINE	22.06.2021
36.	INTERNATIONAL WEBINAR ON INDIAN NUCLEAR POWER PROGRAMME-INDIA'S	DEPARTMENT OF APPLIED PHYSICS, KARUNYA	DEPARTMENT OF APPLIED PHYSICS,	ONLINE	08.06.2021

	THREE STAGE NUCLEAR POWER PROGRAMME:ENVISION ING THE DREAM OF DR.HOMI JEHANGIR BHABHA	INSTITUTE OF TECHNOLOG Y AND SCIENCE, COIMBATOR	KARUNYA INSTITUTE OF TECHNOLOG Y AND SCIENCE, COIMBATOR		
37.	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
38.	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
39.	WEBINAR ENTITLED “RAMAN SPECTROSCOPIC STUDIES ON MATERIALS RESEARCH”-	UNIVERSITY OF MADRAS	NATIONAL CENTRE FOR NANOSCIEN CE AND NANOTECHN OLOGY	ONLINE	15.04.2021

	“NANOMATERIALS CHARACTERIZATION		(NCNSNT)		
40.	NATIONAL WEBINAR ON ‘TRENDS IN WASTEWATER REMEDIATION AND MANAGEMENT WITH NANOTECHNOLOGY’	UNIVERSITY OF MADRAS	NATIONAL CENTRE FOR NANOSCIENCE AND NANOTECHNOLOGY (NCNSNT) AND CENTRE FOR WATER RESOURCES MANAGEMENT (CWRM)	ONLINE	09.04.2021
41.	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
42.	ONE WEEK PROGRAM ON WORLD SPACE WEEK	SPACE RESEARCH AND DEVELOPMENT (SSERD)	SPACE RESEARCH AND DEVELOPMENT (SSERD)	ONLINE	04.10.2020-10.10.2020.
43.	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
44.	LECTURE ON SPACE ASTRONOMY	NITI AAYOG AIM	NITI AAYOG AIM	ONLINE	21.07.2020

45.	ONE DAY INTERNATIONAL WEBINAR ON DATA ANALYTICS AND APPLICATION	PG DEPARTMENT OF COMPUTER SCIENCE, BISHOP HEBER COLLEGE, TRICHY	PG DEPARTMENT OF COMPUTER SCIENCE, BISHOP HEBER COLLEGE, TRICHY	ONLINE	12.06.2020
46.	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
47.	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
48.	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

49.	ONE DAY WEBINAR ON GENERATION OF GENOMIC RESOURCE AND USAGE OF BIOINFORMATICS TOOL	DEPARTMENT OF ZOOLOGY, V.O.CHIDAMBARAM COLLEGE	DEPARTMENT OF ZOOLOGY, V.O.CHIDAMBARAM COLLEGE	ONLINE	09.06.2020
50.	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
51.	ADVANCED MATERIALS ENGINEERING (2016)	THIAGARAJAR COLLEGE OF ENGINEERING	THIAGARAJAR COLLEGE OF ENGINEERING	MADURAI.	19.03.2016
52.	ONE DAY SEMINAR ON EXAMINATION REFORM	UGC	NMC	PUTHAN AMPATTI	16.02.2013
53.	SEMINAR ON EXAMINATION REFORMS	UGC	NMC	PUTHAN AMPATTI	15.03.2012
54.	STATE LEVEL SEMINAR ON EMBEDDED SYSTEMS AND ITS APPLICATIONS	UGC	NMC	PUTHAN AMPATTI	13.03.2012

Workshop(s)					
01.	SSA STM WORKSHOP	ISRO	ISRO	ISRO HQ, Bengaluru	12-10-2023- 14-10-2023
02.	WORKSHOP ON SUSTAINABLE MATERIALS ADVANCES AND APPLICATIONS	PHYSICS,SRM INSTITUTE OF SCIENCE AND TECHNOLOG Y, CHENNAI	PHYSICS,SR M INSTITUTE OF SCIENCE AND TECHNOLOG Y, CHENNAI	ONLINE	22.07.2022
03.	WORKSHOP ON THE APPLICATIONS OF CONDENSED MATTER PHYSICS	KONGU ENGINEERIN G COLLEGE, PERUNDURAI	KONGU ENGINEERIN G COLLEGE, PERUNDURA I	ONLINE	11-05-2022- 12-03-2022
04.	TWO DAY ONLINE INTERNATIONAL WORKSHOP ON NANOMATERIALS FOR CLEAN ENERGY AND SPACE ASTRONOMY (IWNCESA-2022)	ETHIRAJ COLLEGE FOR WOMEN (AUTONOMO US) CHENNAI	ETHIRAJ COLLEGE FOR WOMEN (AUTONOMO US) CHENNAI	ONLINE	22-02-2022- 23-02-2023
05.	THREE DAYS NATIONAL LEVEL WORKSHOP ON RESEARCH METHODOLOGY	IEEE	ANNAI VAILANKAN NI COLLEGE OF ENGINEERIN G, KANYAKUM ARI	ONLINE	02.07.2021- 04.07.2021
06.	ONE WEEK INTERNATIONAL WORKSHOP ON HOW TO WRITE A QUALITY RESEARCH ARTICLE	SRI VIDHYA MANDIR ARTS & SCIENC COLLEGE UTHANGARAI , CHRIST UNIVERSITY	SRI VIDHYA MANDIR ARTS & SCIENC COLLEGE UTHANGARA I, CHRIST UNIVERSITY	ONLINE	24.05.2021- 30.05.2021

		BENGALURU, AND JYOTHI ENGINEERIN G COLLEGE THRISSUR	BENGALURU , AND JYOTHI ENGINEERIN G COLLEGE THRISSUR		
07.	2 DAYS LECTURE WORKSHOP ON CHEMISTRY FOR A SUSTAINABLE PLANET	INDIAN SCIENCE ACADEMIES	DEPARTMEN T OF CHEMISTRY, KONGU ENGINEERIN G COLLEGE, PERUNDURA I	ONLINE	08.04.2021- 09.04.2021
08.	A HIGH END INTERNATIONAL WORKSHOP ON THERMAL ENERGY STORAGE FOR BUILDING APPLICATIONS	KARYASHAL A	DEPARTMEN T OF MECHANICA L ENGINEERIN G NATIONAL INSTITUTE OF TECHNOLOG Y ROURKELA	ONLINE	25.01.2021- 29.01.2021
09.	TWO WEEK WORKSHOP ON COMPREHENSIVE E- LEARNING TO E- TRAINING GUIDE FOR ADMINISTRATIVE WORK	MINISTRY OF HUMANA RESOURCE DEVELOPME NT, GOVERNMEN T OF INDIA	TEACHING AND LEARNING CENTRE, RAMANUJAN COLLEGE, UNIVERSITY OF DELHI	ONLINE	25.05.2020- 05.06.2020
10.	6 DAYS INTERNATIONAL WORKSHOP ON SMART MATERIALS SENSOR AND ENERGY DEVICES	DEPARTMENT OF ELECTRONIC S AND COMMUNICA	DEPARTMEN T OF ELECTRONIC S AND COMMUNIC	ONLINE	25.05.2020- 30.05.2020

	(SMSSED-2020)	TION ENGINEERIN G, SSN COLLEGE OF ENGINEERIN G, CHENNAI	ATION ENGINEERIN G, SSN COLLEGE OF ENGINEERIN G, CHENNAI		
11.	4 DAYS INTERNATIONAL WORKSHOP ON SPACE SCIENCE	SPACE EDUCATION AND RESEARCH FOUNDATION , AHMEDABAD	DEPARTMEN T OF PHYSICS, SCHOOL OF SCIENCE, RK UNIVERSITY, RAJKOT	ONLINE	18.05.2020- 21.05.2020
12.	WORKSHOP ON NANOSTRUCTURED THIN FILMS FOR SOLAR CELL APPLICATIONS	KONGUNADU COLLEGE OF ENGINEERIN G AND TECHNOLOG Y	KONGUNAD U COLLEGE OF ENGINEERIN G AND TECHNOLOG Y	TRICHY	23.10.2019
13.	WORKSHOP ON PREPARATION OF DOMESTIC PRODUCTS	TIDITSSIA- TRICHY	NMC	PUTHAN AMPATTI	28.08.2019- 29.08.2019
14.	WORKSHOP ON SCIENCE WRITING (2019)	INDIAN ACADEMY OF SCIENCES	IISER	THIRUVA NANTHA PURAM	07.01.2019- 19.01.2019
15.	WORKSHOP ON COMPUTER BASED SCIENCE EXPERIMENTS	IUAE	NATIONAL COLLEGE	TRICHY	30.06.2018
16.	WORKSHOP ON CHARACTERIZATION OF MATERIALS FOR ADVANCED APPLICATION	UGC	NIT	TRICHY	04.08.2016- 06.08.2016
17.	ONE DAY LED VIDEO WALL WORKSHOP	HAWAIIINDIA	HAWAIIINDI A	CHENNAI	03.12.2019
18.	WORKSHOP ON MODERN ANALYTICAL	NATIONAL	NATIONAL	TRICHY	18.02.2013-

	TECHNIQUES	COLLEGE	COLLEGE		20.02.2013
19.	WORKSHOP ON e-CONTENT DEVELOPMENT	NMC	NMC	PUTHAN AMPATTI	23-10.2013-26.10.2013
20.	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 TECHNOLOGY, CHENNAI	DEPARTMENT OF CHEMISTRY, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI	ONLINE	15.06.2020-19.06.2020.
02.	STEP CONE 2020 PROJECT DESIGN CONTEST	GMR INSTITUTE OF TECHNOLOGY	GMR INSTITUTE OF TECHNOLOGY	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 EXHIBITIN-CUM-COMPETITION REFRESHER (2019)	ISRO MAHENDRAGIRI	CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY	ODDANCHATRAM, DINDIGUL	18.10.2019-19.10.2019
05.	SPACE EXHIBITIN ON WORLD SPACE WEEK 2019	GOBI ARTS AND SCIENCE COLLEGE	SDSC SHARISRO SRIHARIKOTTA	GOBI	05.10.2019-07.10.2019

13. 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.	EXPOSURE CAMP FOR PHYSICS	HOMI BHABHA CENTER FOR SCIENCE EDUCATION (HBCSE-TIFR)	HOMI BHABHA CENTER FOR SCIENCE EDUCATION (HBCSE-TIFR)	MUMBAI	18.11.2024-22.11.2024
02.	IMPLEMENTATION OF NEF2020 AT HEIS-PATHWAYS AND CHALLENGES	SR UNIVERSITY, WARANGAL	SR UNIVERSITY, WARANGAL	ONLINE	29.02.2024
03.	TEACHER ORIENTATION PROGRAMME FOR UPSKILLING IN PHYSICS	MMTTC, TIFR, HYDERABAD AND HBCSE, MUMBAI	UGC-MALAVIYA TEACHER TRAINING CENTER (MMTTC)	UNIVERSITY OF HYDERABAD	19.02.2024-23.02.2024
04.	AUTOMATED FEATURE EXTRACTION FROM HIGH RESOLUTION IMAGES	ISRO	ISRO	ONLINE	20-11-2023-24-11-2023
05.	OVERVIEW OF GEOCOMPUTATION AND GEO WEB SERVICES	ISRO	ISRO	ONLINE	30-10-2023-03-11-2023
06.	REMOTE SENSING BASED DATA ANALYTICS IN AGRICULTURE	ISRO	ISRO	ONLINE	26-10-23
07.	OVERVIEW OF SPACE SCIENCE	ISRO	ISRO	ONLINE	20-07-2023-07-08-2023
08.	CLASSICAL ELECTROMAGNETISM - 2 (MAGNETOSTATICS)	INDIAN INSTITUTE OF TECHNOLOGY KANPUR	INDIAN INSTITUTE OF TECHNOLOGY KANPUR	ONLINE	15-08-2022-25-12-2022

09.	ONE MONTH FACULTY INDUCTION /ORIENTATION PROGRAMME FOR FACULTY IN UNIVERSITIES /COLLEGES/INSTITUTIONS OF HIGHER EDUCATION	MINISTRY OF HUMANA RESOURCE DEVELOPMENT , GOVERNMENT OF INDIA	RAMANUJAN COLLEGE, UNIVERSITY OF DELHI	ONLINE	10.11.2020-09.12.2020.
10.	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 IIITDM JABALPUR, IT GUWAHATI	ONLINE	10.08.2020-21.082020.
11.	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
12.	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
13.	ICTS PROGRAM ‘FUNDAMENTAL PROBLEMS OF QUANTUM PHYSICS’	ICTS CAMPUS, BANGALORE	ICTS CAMPUS, BANGALORE	BANGALORE	21-11-2016-09-12-2016
14.	SPECIAL LECTURE SERIES ON THEORETICAL PHYSICS	UGC	JAMAL MOHAMED COLLEGE	TRICHY	10.02.2010-12.02.2010
15.	FRONTIER TOPIC IN PHYSICS	INDIAN ACADEMY OF	BISHOP HEBER	TRICHY	04.02.2008-05.02.2008

		SCIENCES	COLLEGE		
16.	RESEARCH ORIENTATION PROGRAMME FOR ENTRANTS(ROPE-07)	NIT	NIT	TRICHY	08.09.2007-09.09.2007
Refresher Course					
01.	REFRESHER COURSE ON ASTRONOMY AND ASTROPHYSICS	INTER UNIVERSITY CENTER FOR ASTRONOMY AND ASTROPHYSICS (IUCAA)	INTER UNIVERSITY CENTER FOR ASTRONOMY AND ASTROPHYSICS (IUCAA)	PUNE	13.05.2024-14.06.2024
02.	EXPERIMENTAL PHYSICS	INDIAN ACADEMY OF SCIENCES	M.R College	VIZIGANAGARAM	15.04.2019-01.05.2019
03.	STATISTICAL PHYSICS AND ITS APPLICATIONS	INDIAN ACADEMY OF SCIENCES	TRIPURA CENTRAL UNIVERSITY	AGARDA LA, TRIPURA	02.05.2017-15.05.2017
04.	QUANTUM MECHANICS AND NUCLEAR PHYSICS	INSA	DYANAND SCIENCE COLLEGE	LATUR, MAHARASHTRA	15.04.2016-30.04.2016
05.	MATHEMATICAL METHODS IN PHYSICS AND THEIR APPLICATIONS	INDIAN ACADEMY OF SCIENCES	MUMBAI UNIVERSITY	MUMBAI	17.10.2016-29.10.2016
06.	MATERIALS PREPARATION AND MEASUREMENT OF PROPERTIES	INDIAN ACADEMY OF SCIENCES	INDIAN ACADEMY OF SCIENCES	BANGALORE	15.11.2016-30.11.2016
07.	EXPERIMENTAL PHYSICS	INDIAN ACADEMY OF SCIENCES	GOA UNIVERSITY	GOA	11.11.2014-26.11.2014
08.	EXPERIMENTAL PHYSICS	INDIAN ACADEMY OF SCIENCES	BHARATHIDASAN UNIVERSITY	TIRUCHIRAPPALLI	19.01.2009-03.02.2009
Faculty Development Programme					
01.	DEVELOPMENT OF MATERIALS CHARACTERIZATION TECHNIQUES AND THEIR FUTURE PROSPECTS	SRI G.V.G VISALAKSHI COLLEGE FOR WOMEN	SRI G.V.G VISALAKSHI COLLEGE FOR WOMEN	ONLINE	18-12-2023-22-12-2023

02.	SECOND INTERNATIONAL FACULTY DEVELOPMENT PROGRAM ON “ADVANCED MATERIALS FOR TECHNOLOGICAL APPLICATIONS”	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY (DEEMED TO BE UNIVERSITY)	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY (DEEMED TO BE UNIVERSITY)	ONLINE	24-03-2023-04-04-2023
03.	FIVE-DAY INTERNATIONAL ONLINE FACULTY DEVELOPMENT PROGRAMME ON EMERGING TRENDS IN NANO TECHNOLOGY (ETNT-2021)	VISHNU INSTITUTE OF TECHNOLOGY (A), BHIMAVARAM, ANDHRA PRADESH	VISHNU INSTITUTE OF TECHNOLOGY (A), BHIMAVARAM, ANDHRA PRADESH	ONLINE	09.11.2021-13.11.2021
04.	OUTCOME BASED EDUCATION FOR EFFECTIVE LEARNING AND TEACHING	AMET UNIVERSITY, NEW DELHI	AMET UNIVERSITY, NEW DELHI	ONLINE	19-07-2023-27-07-2023
05.	ONE-WEEK FACULTY DEVELOPMENT PROGRAMME ON COMPUTATIONAL MODELLING OF MATERIALS	MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENC, ANDHRA PRADESH	MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENC, ANDHRA PRADESH	ONLINE	08-05-2023-12-05-2023
06.	INTERNATIONAL ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP) CURRENT SCENARIO IN ADVANCED MATERIALS RESEARCH AND NANOTECHNOLOGY	RAJAPALAYAM RAJUS' COLLEGE, HAJAPALAYAM	RAJAPALAYAM RAJUS' COLLEGE, HAJAPALAYAM	ONLINE	14-11-2022-18-11-2022
07.	FACULTY DEVELOPMENT PROGRAMME ON “INTELLECTUAL	SRI G.V.G VISALAKSHI COLLEGE FOR WOMEN,	SRI G.V.G VISALAKSHI COLLEGE FOR WOMEN,	ONLINE	27-01-2022-28-01-2022

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08.	FDP ON "NANOSCIENCE FOR NANO MATERIALS"	AICTE TRAINING AND LEARNING (ATAL) ACADEMY	MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY	ONLINE	20.09.2021-24.09.2021
09.	"ELECTRIC VEHICLES: CHALLENGES AND OPPORTUNITIES IN FUTURE INDIA"	AICTE TRAINING AND LEARNING (ATAL) ACADEMY	RMK COLLEGE OF ENGINEERING AND TECHNOLOGY	ONLINE	20.09.2021-24.09.2021
10.	FACULTY DEVELOPMENT PROGRAM ON RECENT RESEARCH ADVANCES MATERIALS: WATER AND WASTE WATER TREATMENT	BHARTH INSTITUTE OF ENGINEERING AND TECHNOLOGY AND INDIAN CERMIC SOCIETY, HYDERABAD	BHARTH INSTITUTE OF ENGINEERING AND TECHNOLOGY AND INDIAN CERMIC SOCIETY, HYDERABAD	ONLINE	02.08.2021-07.08.2021
11.	FACULTY DEVELOPMENT PROGRAM ON "SYNTHESIS, CHARACTERIZATION AND APPLICATIONS OF NOVEL MATERIALS"	RAMCO INSTITUTE OF TECHNOLOGY, RAJAPALAYAM	RAMCO INSTITUTE OF TECHNOLOGY, RAJAPALAYAM	ONLINE	02.08.2021-06.08.2021
12.	FDP ON "USE OF GIS & REMOTE SENSING IN AGRICULTURE AND NATURAL ENVIRONMENT"	AICTE TRAINING AND LEARNING (ATAL) ACADEMY	SHIV NADAR UNIVERSITY	ONLINE	02.08.2021-06.08.2021
13.	FDP ON "NOVEL MATERIALS FOR NEXT GENERATIONS"	AICTE TRAINING AND LEARNING (ATAL)	NALLAMUTHU GOUNDER MAHALINGAM COLLEGE	ONLINE	26.07.2021-30.07.2021

		ACADEMY			
14.	ONE WEEK FACULTY DEVELOPMENT PROGRAMME ON “RECENT TRENDS IN THE INDUSTRIAL ENGINEERING AND MANAGEMENT (RTIEM-2021)”	GMR INSTITUTE OF TECHNOLOGY, RAJAM, A.P	GMR INSTITUTE OF TECHNOLOGY, RAJAM, ANDHRA PRADESH	GMR INSTITUTE OF TECHNOLOGY, RAJAM, ANDHRA PRADESH	26.07.2021-30.07.2021
15.	THREE DAYS FACULTY DEVELOPMENT PROGRAMME “DIGITAL TOOLS FOR ACTIVE TEACHING, EVALUATION AND RESEARCH”	SRI GVG VISALAKSHI COLLEGE FOR WOMEN, UDUMALPET	SRI GVG VISALAKSHI COLLEGE FOR WOMEN, UDUMALPET	ONLINE	28.06.2021-30.06.2021
16.	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
17.	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
18.	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
19.	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
20.	FDP ON RECENT TRENDS AND OPPORTUNITIES	AICTE TRAINING	GOA COLLEGE OF	ONLINE	24.05.2021-28.05.2021

	FOR RESEARCH IN ELECTRONICS AND COMPUTER SCIENCE ENGINEERING	AND LEARNING (ATAL) ACADEMY	ENGINEERING		
21.	FDP ON OUTCOME BASED EDUCATION: MAPPING AND RUBRICS	NEHRU MEMORIAL COLLEGE, PUTHANAMPATTI	NEHRU MEMORIAL COLLEGE, PUTHANAMPATTI	ONLINE	20.05.2021-21.05.2021
22.	TWO WEEK ADVANCED CONCEPTS FOR DEVELOPING MOOCS	MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA	TEACHING AND LEARNING CENTERE, RAMANUJAN COLLEGE, UNIVERSITY OF DELHI	ONLINE	02.07.2020-17.07.2020.
23.	ONE WEEK FACULTY DEVELOPMENT PROGRAMME ON ENTREPRENEURSHIP, INCUBATION AND INNOVATION	MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA	TEACHING AND LEARNING CENTERE, RAMANUJAN COLLEGE, UNIVERSITY OF DELHI	ONLINE	23.06.2020-29.06.2020.
24.	ONE WEEK FACULTY DEVELOPMENT PROGRAMME ON OPEN SOURCE TOOLS FOR RESEARCH	MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA	TEACHING AND LEARNING CENTERE, RAMANUJAN COLLEGE, UNIVERSITY OF DELHI	ONLINE	08.06.2020-14.06.2020.
25.	3 DAYS FACULTY DEVELOPMENT PROGRAMME ON FRONTIERS IN SCIENTIFIC RESEARCH AND TECHNOLOGY	ST. JOSEPH'S INSTITUTE OF TECHNOLOGY, CHENNAI	ST. JOSEPH'S INSTITUTE OF TECHNOLOGY, CHENNAI	ONLINE	11.06.2020-13.06.2020
26.	ONE WEEK FACULTY DEVELOPMENT PROGRAMME ON	MINISTRY OF HUMAN RESOURCE	ATMA RAM Sanatan Dharma	ONLINE	05.06.2020-11.06.2020.

	RESEARCH METHODOLOGY: TOOLS AND TECHNIQUES	DEVELOPME NT, GOVERNME NT OF INDIA	College, University of Delhi Collaboration with Ramanujan College, University of Delhi		
27.	TWO WEEK FACULTY DEVELOPMENT PROGRAMME ON MANAGING ONLINE CLASSES AND CO- CREATING MOOCS	MINISTRY OF HUMANA RESOURCE DEVELOPME NT, GOVERNME NT OF INDIA	TEACHING AND LEARNING CENTERE, RAMANUJAN COLLEGE, UNIVERSITY OF DELHI	ONLINE	20.04.2020- 06.06.2020
28.	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
29.	LATEX AND SCILAB	SPOKEN TUTORIAL PROJECT, IIT BOMBAY, MHRD, GOVT. OF INDIA	SPOKEN TUTORIAL PROJECT, IIT BOMBAY, MHRD, GOVT. OF INDIA	ONLINE	30.04.2020- 04.05.2020
30.	STUDENTS SKILLS: MENTORING AND COUNSELLING	NMC	NMC	PUTHAN AMPATTI	30.05.2019
31.	FACULTY DEVELOPMENT PROGRAMME	PMO-IEDP	SASTRA UNIVERSITY	THANJAV UR	03.01.2018- 05.01.2018
32.	FACULTY DEVELOPMENT PROGRAMME	PMO-IEDP	NIT	TIRUCHI RAPPALL	15.11.2017- 17.11.2017
33.	TWO DAY WORKSHOP ON CAREER GUIDANCE AND COUNSELLING	UGC	NMC	PUTHAN AMPATTI	23.10.2010- 24.10.2010

Online Course

01.	APPLICATION OF GEOSPATIAL TECHNOLOGY IN PALEOCHANNEL STUDIES	INDIAN INSTITUTE OF REMOTE SENSING (IIRS), ISRO	INDIAN INSTITUTE OF REMOTE SENSING (IIRS), ISRO	ONLINE	20.05.2024-24.05.2024
02.	EXPLORATION OF THE SOLAR SYSTEM	INDIAN INSTITUTE OF REMOTE SENSING (IIRS), ISRO	INDIAN INSTITUTE OF REMOTE SENSING (IIRS), ISRO	ONLINE	24.04.2024-10.05.2024
03.	ADITYA L1: INDIA'S FIRST SPACE-BASED OBSERVATORY	INDIAN INSTITUTE OF REMOTE SENSING (IIRS), ISRO	INDIAN INSTITUTE OF REMOTE SENSING (IIRS), ISRO	ONLINE	18.03.2024-22-03-2024
04.	GEOSPATIAL ANALYSIS USING GOOGLE EARTH ENGINE	INDIAN INSTITUTE OF REMOTE SENSING (IIRS), ISRO	INDIAN INSTITUTE OF REMOTE SENSING (IIRS), ISRO	ONLINE	19.02.2024-23.02.2024
05.	GEO DATA PROCESSING USING PYTHON	INDIAN INSTITUTE OF REMOTE SENSING (IIRS), ISRO	INDIAN INSTITUTE OF REMOTE SENSING (IIRS), ISRO	ONLINE	15.01.2024-19.01.2024
06.	THE STORY OF PHOTOELECTRIC EFFECT	INDIAN INSTITUTE OF TECHNOLOGY KANPUR	INDIAN INSTITUTE OF TECHNOLOGY KANPUR	ONLINE	15.07.2021-17.08.2021
07.	GEOSPATIAL APPLICATIONS FOR DISASTER RISK MANAGEMENT	ISRO	CENTER FOR SPACE SCIENCE AND TECHNOLOGY EDUCATION FOR ASIA AND THE PACIFIC	ONLINE	28.07.2021 (10 HOURS)

08.	SHORT TERM COURSE ON PRACTICAL CONSIDERATIONS AND SYSTEM ASPECTS OF SOLAR PHOTOVOLTAICS	DEPARTMENT OF PHYSICS, KONGUNADU ARTS AND SCIENCE COLLEGE, COIMBATOR	DEPARTMENT OF PHYSICS, KONGUNADU ARTS AND SCIENCE COLLEGE, COIMBATOR	ONLINE	10.06.2021-12.06.2021
09.	SHORT TERM TRAINING PROGRAMME (STTP) ON EMERGING TRENDS IN NANOMATERIALS FOR ELECTRONIC AND OPTOELECTRONIC DEVICE	AICTE	DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING, SWARNANDHRA COLLEGE OF ENGINEERING & TECHNOLOGY, KAKINADA	ONLINE	24.06.2021-29.06.2021
10.	H.C.VERMA COURSE ON CLASSICAL MECHANICS - 1	INDIAN INSTITUTE OF TECHNOLOGY KANPUR	INDIAN INSTITUTE OF TECHNOLOGY KANPUR	ONLINE	26.01.2020-25.04.2021
11.	LI-ION CELL CHEMISTRY, CALCULATIONS & MODELING L1 (PART 1 & PART 2)	DECIBELS	DECIBELS ELECTRIC VEHICLE COMMUNITY EVENT	ONLINE	12.01.2021
12.	ELECTRIC VEHICLE MOTOR & BATTERY SIZING CALCULATION L1.	DECIBELS	DECIBELS ELECTRIC VEHICLE COMMUNITY EVENT	ONLINE	12.01.2021
13.	SHORT TERM TRAINING PROGRAM ON	AICTE	KONGU ENGINEERING	ONLINE	30.11.2020-05.12.2020

	AUGMENTATION OF SMART MATERIALS AND TECHNOLOGIES FOR COMMERCIAL ENERGY HARVESTATION- PHASE II		G COLLEGE, PERUNDURA I		
14.	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.
15.	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
16.	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

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

S. No.	Name of the Paper	Name of the Conference / Seminar	National / International	Place	Duration/ Date
01.	Wastewater Purification by Green Synthesis of Manganese dioxide Nanoparticles	International Conference on Chemical and Material Science ICCM- 2023	International	Chennai	03.05.2023-04.05.2023
02.	Bio-Synthesis Of Zinc Oxide Nanoparticle Using Moringa Leaf Extract And Their Photo Degardition Activity	International Virtual Conference on Recent Trents in Physics	International	Periyakulam	16.03.2023-17.03.2023
03.	Wastewater Purification by Biosynthesis of Nickel	International Virtual Conference on Recent	International	Periyakulam	16.03.2023-17.03.2023

	oxide nanoparticles.	Trents in Physics			
04.	Photocatalytic Activity of Green Synthesized Nickel Oxide nanoparticles by Brown Algae extract	International Conference On Advanced Materials - 2022	International	Tiruchirappalli	11.02.2022-12.02.2022
05.	Zince oxide nanoparticles using leaf extract muraya koenigii and evaluation of its antibacterial potential	International conference on Novel Materials for Energy, Engineering & Biological Appliactions (NMEEB-2019)	International	Karur	09.04.2019
06.	Green synthesis and characterization of biocompatible Zinc oxide nanoparticles and evaluation of its antibacterial potential	National conference on frontiers in advanced physics (NCFAP-2019)	National	Namakkal	07.02.2019-08.02.2019
07.	Green Sysnthesis, characterization and antibacterial potential of biocompatible Cu doped ZnO nanoparticles	International conference on chemical and environmental research (ICCER-2018)	International	Tiruchirappalli	19.12.2018
08.	Photosynthesis and characterisation of Tio2 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
09.	Green synthesis and characterization of biocompatible Zinc oxide nanoparticles using leaf extract of Cassia auriculata	International conference on recent trents in materials science and technology (ICRTMST-2018)	International	Dharmapuri	19.01.2018-20.01.2018
10.	Preparation and Characterization of Polyvinyl Alcohol and Tartaric Acid Based Taste Sensing	National seminar on recent trends in biological science	National	PUTHANAMPA TTI	07.03.2013-08.03.2013

	Membrane.			
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15. **EVENT(S) ORGANIZED**

S. No.	Name of the Programme	Role of Responsibility held	Name of the Resource Person	Date of the Event
01.	ISRO SPACE ON WHEELS EXHIBITION	ORGANIZER	Mr.Kumar Library Officer, ISRO, Sriharikota	12.03.2024
02.	STATE LEVEL NATIONAL CHILDREN'S SCIENCE CONGRESS	ORGANIZER	Dr. M. Krishnan, Honorable Vice-Chancellor, Central University, Thiruvarur.	25.11.2023&26.11.2023
03.	THE NATIONAL YOUTH UPRISING DAY	ORGANIZER	President and Secretary	15.10.2023.
	CHANDRAYN-III LAUNCHING EVENT	ORGANIZER	President and Secretary	23.08.2023
04.	BIRTHDAY OF THE FATHER OF "INDIAN NUCLEAR PROGRAMME" HOMI J. BHABHA	ORGANIZER	Dr. R. Venkatesan, and Mrs. Jalaja Madanmohan	27.10.2022
05.	TWO DAY STATELEVEL SCIENCE EXHIBITION	ORGANIZER	Nellai.S.Muthu	12.12.2019&13.12.2019
06.	NATIONAL SCIENCE DAY 2020	ORGANIZER	Manickam Mahendran	28.02.2020
07.	TWO DAY MOBILE PHONE SERVICE WORKSHOP	ORGANIZER	Krishnakumar, New Technology Mobile Laptop Service &	15.12.2021&16.12.2021

			Training Centre	
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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
Wastewater Purification by Bio Synthesis of Manganese doped Nickel oxide nanoparticles	TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY (2023)	Rs. 7500/-
Enhancement of CO ₂ absorption by Bio synthesis CuO nanoparticles	TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY (2022)	Rs. 7500/-

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.