

NEHRU MEMORIAL COLLEGE (AUTONOMOUS)

PUTHANAMPATTI-621007

STAFF PROFILE

NAME OF THE STAFF : Dr. 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)	2025
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	17	17	16

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

Program of Study		Completed	Ongoing
Project	PG	28	01

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

Events	International	National	State	Regional
Seminars	22	23	06	03
Workshops	07	14	05	01
Conference	10	05	01	-

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

Orientation Programme(s)	Refresher Course(s)	Faculty Development Programme(s)	Short Term Online Course(s)
20	08	33	16

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

1. ACT AS COORDINATED THE ONLINE TRAINING COURSE ON SPACE SCIENCE AND TECHNOLOGY AWARENESS TRAINING (START) UNDER ISRO START PROGRAMME 2025.

2. ACT AS RESOURCE PERSON WORKSHOP ON YOUTH ASTRONOMY AND SPACE SCIENCE CONGRESS-2025, TASS, IIA, IMSc, TNSCST, (15.02.2025-16.02.2025) CHENNAI.

3. 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.

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

5. 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.

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

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

8. 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)	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. **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)	1200
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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.	NATIONAL CONFERENCE ON NEXT-GENERATION AND EMERGING MATERIALS	ST JOSEPHS UNIVERSITY	ST JOSEPHS UNIVERSITY	Bengaluru	27-02-2025-28-02-2025
02.	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
03.	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
04.	INTERNATIONAL ONLINE CONFERENCE ON RECENT ADVANCES IN INFORMATION TECHNOLOGY (READIT-2021)	IGCAR, KALPAKKAM	IGCAR, KALPAKKAM	ONLINE	24-11-2021-25-11-2021

05.	“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
06.	NATIONAL CONFERENCE ON “EMERGING TRENDS IN FUNCTIONAL OXIDES AND NANOMATERIALS, (ETiFON-2021)	SAURASHTRA UNIVERSITY, RAJKOT, GUJARAT	SAURASHTR A UNIVERSITY, RAJKOT, GUJARAT	ONLINE	28.10.2021- 29.10.2021
07.	INTERNATIONAL CONFERENCE ON SOLUTION GROWN CRYSTALS AND THEIR USEFUL APPLICATIONS (SGCA-2021)	SSN RESEARCH CENTRE, SSN INSTITUTION S (AUTONOMO US), CHENNAI- 603110,	INDIAN ASSOCIATIO N FOR CRYSTAL GROWTH (IACG)	ONLINE	13.09.2021- 15.09.2021
08.	INTERNATIONAL CONFERENCE ON “SUSTAINABLE MATERIALS AND TECHNOLOGIES FOR BIO AND ENERGY APPLICATIONS, (SMTBEA-2021)”	SSN INSTITUTION S, KALAVAKKA, CHENNAI	SSN INSTITUTION S, KALAVAKK AM, CHENNAI	ONLINE	19.05.2021- 20.05.2021
09.	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	ONLINE	14.05.2021- 15.05.2021

			Y, CHENNI		
10.	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
11.	INTERNATIONAL CONFERENCE ON SPACE SCIENCE AND TECHNOLOGY (ICSST- 2021)	SPACE EDUCATION AND RESEARCH FOUNDATION (SERF), AHMEDABAD	SPACE EDUCATION AND RESEARCH FOUNDATIO N (SERF), AHMEDABA D	ONLINE	05.04.2021- 07.04.2021
12.	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, MAHARASH TRA	POST GRADUATE DEPARTMEN T OF PHYSICS AND IQAC OF RAJE RAMRAO MAHAVIDYA LAYA, JATH, MAHARASH TRA	ONLINE	06.06.2020- 07.06.2020
13.	TWO DAYS INTERNATIONAL CONFERENCE ON CHALLENGES AND OPPORTUNITIES IN AERONAUTICS, ASTRONAUTICS AND AVIATION	THE INSTITUTION OF ENGINEERS (INDIA) IN ASSOCIATION WITH INSTITUTE OF AERONAUTIC S ASTRONAUTI	THE INSTITUTION OF ENGINEERS (INDIA) IN ASSOCIATIO N WITH INSTITUTE OF AERONAUTI CS ASTRONAUT	ONLINE	30.05.2020- 31.05.2020

		CS AND AVIATION	ICS AND AVIATION		
14.	LAMSYS-2018	ISRO	ISSE&SHAR	CHENNAI	20- 21.04.2018
15.	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 TECHNOLOG Y, CHENNAI.	SRM INSTITUTE OF SCIENCE AND TECHNOLOG Y, 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 COLLEGE, SHAHADA (M.S.)	VASANTRAO NAIK ARTS, SCIENCE AND COMMERCE COLLEGE, SHAHADA (M.S.)	ONLINE	14-03-2023
10.	NANOMATERIALS FOR NOVEL APPLICATIONS	RAMCO INSTITUTE OF TECHNOLOGY, RAJAPALAYAM	RAMCO INSTITUTE OF TECHNOLOGY, RAJAPALAYAM	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	UNIVERSITY	UNIVERSITY	ONLINE	14-11-2022

	GA2O3, METAMATERIALS AND NEAR-FIELD TERAHERTZ MAPS	OF KERALA	OF KERALA		
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 Y, CHENNAI	ONLINE	28-05-2022
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"	SATHYABAM A UNIVERSITY, CHENNAI	SATHYABA MA UNIVERSITY, CHENNAI	ONLINE	28-03-2022
19.	WEBINAR SERIES ON "ADVANCES IN MATERIAL SCIENCE AND THIN FLIMS TECHNOLOGY"	PERIYAR MANIAMMAI INSTITUTE OF SCIENCE & TECHNOLOG Y (DEEMED TO BE UNIVERSITY), THANJAVUR	PERIYAR MANIAMMAI INSTITUTE OF SCIENCE & TECHNOLOG Y (DEEMED TO BE UNIVERSITY, THANJAVUR	ONLINE	07-03-2022
20.	NATIONAL SCIENCE DAY PROGRAM	INTER- UNIVERSITY ACCELERATO R CENTRE,	INTER- UNIVERSITY ACCELERAT OR CENTRE,	ONLINE	28-02-2022

		NEW DELHI	NEW DELHI		
21.	RECENT ADVANCEMENT IN SCIENCE	SHREE SATHYAM COLLEGE OF ENGINEERIN G AND TECHNOLOG Y, SALEM	SHREE SATHYAM COLLEGE OF ENGINEERIN G AND TECHNOLOG Y, SALEM	ONLINE	28-02-2022
22.	NATIONAL WEBINAR ON LUMINESCENT MATERIALS FOR FORENSIC AND SECURITY APPLICATIONS	CVR GOVERNME NT DEGREE COLLEGE(A), VIJAYAWADA	CVR GOVERNME NT DEGREE COLLEGE(A), VIJAYAWAD A	ONLINE	25-02-2022
23.	INTERNATIONAL WEBINAR ON EMERGING MATERIALS	SETHU INSTITUTE OF TECHNOLOG Y, CHENNAI	SETHU INSTITUTE OF TECHNOLOG Y, CHENNAI	ONLINE	23-02-2022
24.	3RD INTERNATIONAL WEB SEMINAR ON MATERIAL SCIENCE AND TECHNOLOGY (IWSMST-2021)	PACHAMUTH U COLLEGE OF ARTS AND SCIENCE FOR WOMEN, DHARMAPURI	PACHAMUT HU COLLEGE OF ARTS AND SCIENCE FOR WOMEN, DHARMAPU RI	ONLINE	27-12-2021- 28-12-2021
25.	ADVANCED MATERIALS - WEBINAR SERIES 2021	ST. JOSEPH'S COLLEGE (AUTONOMO US) TIRUCHIRAPP ALLI	ST. JOSEPH'S COLLEGE (AUTONOMO US) TIRUCHIRAP PALLI	ONLINE	20-12-2021
26.	NATIONAL CONFERENCE ON MATERIAL SCIENCE AND TECHNOLOGY	ARASU ENGINEERIN G COLLEGE, KUMBAKONA	ARASU ENGINEERIN G COLLEGE, KUMBAKON	ONLINE	20-12-2021

	(NCMST-2021)	M	AM		
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 (RADD M 2021),	GITAM INSTITUTE OF SCIENCE, GITAM, VISAKHAPATNAM	GITAM INSTITUTE OF SCIENCE, GITAM, VISAKHAPATNAM	ONLINE	11.08.2021
29.	WEBINAR ON “ASTROPHYSICS”	PERIYAR MANIAMMAI INSTITUTE OF SCIENCE & TECHNOLOGY, THANJAVUR	PERIYAR MANIAMMAI INSTITUTE OF SCIENCE & TECHNOLOGY, THANJAVUR	ONLINE	06.08.2021
30.	NATIONAL LEVEL WEBINAR SERIES ON “PHOTOVOLTAICS IN 360 (DESIGN TO IMPLEMENTATION)”	B. S. A CRESCENT INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI.	B. S. A CRESCENT INSTITUTE OF SCIENCE AND TECHNOLOGY, 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 TECHNOLOGY AND SCIENCE, COIMBATOR	DEPARTMENT OF APPLIED PHYSICS, KARUNYA INSTITUTE OF TECHNOLOGY AND	ONLINE	22.07.2021

			SCIENCE, COIMBATOR		
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	LABORATOR Y OF FUNCTIONAL OXIDES, DEPARTMENT OF PHYSICS, SAURASHTRA UNIVERSITY, RAJKOT	GUJARAT COUNCIL ON SCIENCE & TECHNOLOG Y (GUJCOST), DEPARTMEN T OF SCIENCE & TECHNOLOG Y (DST),GOVER NMENT OF GUJARAT, GANDHINAG AR	ONLINE	09.07.2021- 10.07.2021
34.	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
35.	INTERNATIONAL	DEPARTMENT	DEPARTMEN	ONLINE	22.06.2021

	WEBINAR ON INDIAN NUCLEAR POWER PROGRAMMEE-FAST FORWARD TO ENERGY SUSTAINABILITY- THE INDIAN FAST BREEDER REACTOR PROGRAMME	OF APPLIED PHYSICS, KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCE, COIMBATOR	T OF APPLIED PHYSICS, KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCE, COIMBATOR		
36.	INTERNATIONAL WEBINAR ON INDIAN NUCLEAR POWER PROGRAMMEE-INDIA'S THREE STAGE NUCLEAR POWER PROGRAMME:ENVISIONING THE DREAM OF DR.HOMI JEHangIR BHABHA	DEPARTMENT OF APPLIED PHYSICS, KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCE, COIMBATOR	DEPARTMEN T OF APPLIED PHYSICS, KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCE, COIMBATOR	ONLINE	08.06.2021
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 TECHNOLOGY DIVISION METALLURGY AND MATERIALS GROUP, IGCAR & THE	CORROSION SCIENCE AND TECHNOLOGY DIVISION METALLURGY AND MATERIALS GROUP,	ONLINE	12.05.2021

		INDIAN INSTITUTE OF METALS (IIM) KALPAKKAM CHAPTER	IGCAR & THE INDIAN INSTITUTE OF METALS (IIM) KALPAKKA M CHAPTER		
39.	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
40.	NATIONAL WEBINAR ON ‘TRENDS IN WASTEWATER REMEDIATION AND MANAGEMENT WITH NANOTECHNOLOGY’	UNIVERSITY OF MADRAS	NATIONAL CENTRE FOR NANOSCIEN CE AND NANOTECHN OLOGY (NCNSNT) AND CENTRE FOR WATER RESOURCES MANAGEME NT (CWRM)	ONLINE	09.04.2021
41.	INTERNATIONAL WEBINAR ON UNDERSTANDING THE UNIVERSE THROUGH NEUTRINOS	DEPARTMENT OF PHYSICS, MAHATMA GANDHI GOVERNMENT ARTS COLLEGE, MAHE	DEPARTMEN T OF PHYSICS, MAHATMA GANDHI GOVERNME NT ARTS COLLEGE, MAHE	ONLINE	07.02.2021
42.	ONE WEEK PROGRAM ON WORLD SPACE WEEK	SPACE RESEARCH AND	SPACE RESEARCH AND	ONLINE	04.10.2020- 10.10.2020.

		DEVELOPME NT (SSERD)	DEVELOPME NT (SSERD)		
43.	THE BEAUTY OF NONLINEAR SYSTEMS	DEPARTMENT OF PHYSICS, WMO ARTS AND SCIENCE COLLEGE AT MUTTIL	DEPARTMEN T OF PHYSICS, WMO ARTS AND SCIENCE COLLEGE AT MUTTIL	ONLINE	01.08.2020
44.	LECTURE ON SPACE ASTRONOMY	NITI AAYOG AIM	NITI AAYO G 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 DEPARTMEN T 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	DEPARTMEN T 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 MANAGEMEN T & TECHNOLOG	DEPARTMEN T OF BASIC SCIENCES AND HUMANTIES, VIGNAN'S INSTITUTE OF MANAGEME NT &	ONLINE	10.06.2020

		Y FOR WOMEN, HYDERABAD	TECHNOLOG Y FOR WOMEN, HYDERABAD		
48.	ONE DAY WEBINAR ON MARVELS AND MYSTERIES OF THE UNIVERSE	PG AND RESEARCH DEPARTMENT OF PHYSICS, POPE'S COLLEGE, SAWYERPUR AM	PG AND RESEARCH DEPARTMEN T OF PHYSICS, POPE'S COLLEGE, SAWYERPUR AM	ONLINE	09.06.2020
49.	ONE DAY WEBINAR ON GENERATION OF GENOMIC RESOURCE AND USAGE OF BIOINFORMATICS TOOL	DEPARTMENT OF ZOOLOGY, V.O.CHIDAMB ARAM COLLEGE	DEPARTMEN T OF ZOOLOGY, V.O.CHIDAM BARAM 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, MAHARASH TRA	DEPARTMEN T OF COMMERCE, GEOGRAPH, HISTORY AND ENGLISH, C.H. CHAUDHARI ARTS, S.G. PATEL. COMMERCE AND BABAJI. B. J. PATEL SCIENCE COLLEGE TALODA, MAHARASH TRA	ONLINE	08.06.2021
51.	ADVANCED MATERIALS ENGINEERING (2016)	THIAGARAJA R COLLEGE OF	THIAGARAJA R COLLEGE OF	MADURA I.	19.03.2016

		ENGINEERING	ENGINEERING		
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.	YOUTH ASTRONOMY AND SPACE SCIENCE CONGRESS-2025 WORKSHOP	TASS, IIA, IMSc, TNSCST	TASS, IIA, IMSc, TNSCST	Bishop Heber college, Trichy	30-03-2025
02.	YOUTH ASTRONOMY AND SPACE SCIENCE WORKSHOP	TASS, IIA, IMSc, TNSCST	TASS, IIA, IMSc, TNSCST	IMSc Chennai	15-02-2025-16-02-2025
03.	SSA STM WORKSHOP	ISRO	ISRO	ISRO HQ, Bengaluru	12-10-2023-14-10-2023
04.	WORKSHOP ON SUSTAINABLE MATERIALS ADVANCES AND APPLICATIONS	PHYSICS,SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI	PHYSICS,SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI	ONLINE	22.07.2022
05.	WORKSHOP ON THE APPLICATIONS OF CONDENSED MATTER PHYSICS	KONGU ENGINEERING COLLEGE, PERUNDURAI	KONGU ENGINEERING COLLEGE, PERUNDURAI	ONLINE	11-05-2022-12-03-2022
06.	TWO DAY ONLINE INTERNATIONAL	ETHIRAJ COLLEGE	ETHIRAJ COLLEGE	ONLINE	22-02-2022-

	WORKSHOP ON NANOMATERIALS FOR CLEAN ENERGY AND SPACE ASTRONOMY (IWNCESA-2022)	FOR WOMEN (AUTONOMO US) CHENNAI	FOR WOMEN (AUTONOMO US) CHENNAI		23-02-2023
07.	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
08.	ONE WEEK INTERNATIONAL WORKSHOP ON HOW TO WRITE A QUALITY RESEARCH ARTICLE	SRI VIDHYA MANDIR ARTS & SCIENC COLLEGE UTHANGARAI , CHRIST UNIVERSITY BENGALURU, AND JYOTHI ENGINEERIN G COLLEGE THRISSUR	SRI VIDHYA MANDIR ARTS & SCIENC COLLEGE UTHANGARA I, CHRIST UNIVERSITY BENGALURU , AND JYOTHI ENGINEERIN G COLLEGE THRISSUR	ONLINE	24.05.2021- 30.05.2021
09.	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
10.	A HIGH END INTERNATIONAL WORKSHOP ON	KARYASHAL A	DEPARTMEN T OF MECHANICA L ENGINEERIN	ONLINE	25.01.2021- 29.01.2021

	THERMAL ENERGY STORAGE FOR BUILDING APPLICATIONS		G NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA		
11.	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
12.	6 DAYS INTERNATIONAL WORKSHOP ON SMART MATERIALS SENSOR AND ENERGY DEVICES (SMSSED-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
13.	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
14.	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

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15.	WORKSHOP ON PREPARATION OF DOMESTIC PRODUCTS	TIDITSSIA-TRICHY	NMC	PUTHAN AMPATTI	28.08.2019-29.08.2019
16.	WORKSHOP ON SCIENCE WRITING (2019)	INDIAN ACADEMY OF SCIENCES	IISER	THIRUVA NANTHA PURAM	07.01.2019-19.01.2019
17.	WORKSHOP ON COMPUTER BASED SCIENCE EXPERIMENTS	IUAE	NATIONAL COLLEGE	TRICHY	30.06.2018
18.	WORKSHOP ON CHARACTERIZATION OF MATERIALS FOR ADVANCED APPLICATION	UGC	NIT	TRICHY	04.08.2016-06.08.2016
19.	ONE DAY LED VIDEO WALL WORKSHOP	HAWAIIINDIA	HAWAIIINDIA	CHENNAI	03.12.2019
20.	WORKSHOP ON MODERN ANALYTICAL TECHNIQUES	NATIONAL COLLEGE	NATIONAL COLLEGE	TRICHY	18.02.2013-20.02.2013
21.	WORKSHOP ON e-CONTENT DEVELOPMENT	NMC	NMC	PUTHAN AMPATTI	23-10.2013-26.10.2013
22.	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 TECHNOLOG	ONLINE	15.06.2020-19.06.2020.

			Y, CHENNAI		
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	BANGAL ORE	03.01.2020- 04.01.2020
04.	SPACE EXHIBITIN-CUM- COMPETITION REFRESHER (2019)	ISRO MAHENDRAG IRI	CHRISTIAN COLLEGE OF ENGINEERIN G AND TECHNOLOG Y	ODDANC HATRAM, DINDIGU L	18.10.2019- 19.10.2019
05.	SPACE EXHIBITIN ON WORLD SPACE WEEK 2019	GOBI ARTS AND SCIENCE COLLEGE	SDSC SHAR ISRO SRIHARIKOT TA	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.	SPACE SCIENCE AND TECHNOLOGY AWARENESS TRAINING (START)	ISRO	ISRO	ONLINE	09.01.2025- 29.01.2025
02.	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
03.	ADITYA-L1 IS INDIA'S	ISRO	ISRO	ONLINE	18.03.2024-

	FIRST SPACE-BASED SOLAR OBSERVATORY				22.03.2024
04.	EXPLORATION OF SOLAR SYSTEM	ISRO	ISRO	ONLINE	24.04.2024-10.05.2024
05.	IMPLEMENTATION OF NEF2020 AT HEIS-PATHWAYS AND CHALLENGES	SR UNIVERSITY, WARANGAL	SR UNIVERSITY, WARANGAL	ONLINE	29.02.2024
06.	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
07.	AUTOMATED FEATURE EXTRACTION FROM HIGH RESOLUTION IMAGES	ISRO	ISRO	ONLINE	20.11.2023-24.11.2023
08.	RS & GIS APPLICATIONS IN NATURAL RESOURCE MANAGEMENT				06.11.2023-17.11.2023
09.	OVERVIEW OF GEOCOMPUTATION AND GEO WEB SERVICES	ISRO	ISRO	ONLINE	30.10.2023-03.11.2023
10.	REMOTE SENSING BASED DATA ANALYTICS IN AGRICULTURE	ISRO	ISRO	ONLINE	26-10-23
11.	OVERVIEW OF SPACE SCIENCE	ISRO	ISRO	ONLINE	20.07.2023-07.08.2023
12.	CLASSICAL ELECTROMAGNETISM - 2 (MAGNETOSTATICS)	INDIAN INSTITUTE OF TECHNOLOGY KANPUR	INDIAN INSTITUTE OF TECHNOLOGY KANPUR	ONLINE	15.08.2022-25.12.2022
13.	ONE MONTH FACULTY INDUCTION /ORIENTATION PROGRAMME FOR FACULTY IN	MINISTRY OF HUMANA RESOURCE DEVELOPMENT , GOVERNMENT	RAMANUJAN COLLEGE, UNIVERSITY OF DELHI	ONLINE	10.11.2020-09.12.2020.

	UNIVERSITIES /COLLEGES/INSTITUTIONS OF HIGHER EDUCATION	OF INDIA			
14.	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.
15.	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
16.	10 DAYS INDIAN SUMMER SCHOOL ON CRYSTAL GROWTH (ISSCG-2020)	INDIAN ASSOCIATION FOR CRYSTAL GROWTH (IACG)	SSN RESEARCH CENTRE, SSN INSTITUTION S, CHENNAI	ONLINE	14.05.2020- 23-05.2020
17.	ICTS PROGRAM ‘FUNDAMENTAL PROBLEMS OF QUANTUM PHYSICS’	ICTS CAMPUS, BANGALORE	ICTS CAMPUS, BANGALORE	BANGALORE	21-11-2016- 09-12-2016
18.	SPECIAL LECTURE SERIES ON THEORETICAL PHYSICS	UGC	JAMAL MOHAMED COLLEGE	TRICHY	10.02.2010- 12.02.2010
19.	FRONTIER TOPIC IN PHYSICS	INDIAN ACADEMY OF SCIENCES	BISHOP HEBER COLLEGE	TRICHY	04.02.2008- 05.02.2008
20.	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	VIZIGAN AGARAM	15.04.2019-01.05.2019
03.	STATISTICAL PHYSICS AND ITS APPLICATIONS	INDIAN ACADEMY OF SCIENCES	TRIPURA CENTRAL UNIVERSITY	AGARDALA, 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	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOG	SATHYABAMA INSTITUTE OF SCIENCE AND	ONLINE	24-03-2023-04-04-2023

	“ADVANCED MATERIALS FOR TECHNOLOGICAL APPLICATIONS”	Y (DEEMED TO BE UNIVERSITY)	TECHNOLOG Y (DEEMED TO BE UNIVERSITY)		
03.	FIVE-DAY INTERNATIONAL ONLINE FACULTY DEVELOPMENT PROGRAMME ON EMERGING TRENDS IN NANO TECHNOLOGY (ETNT-2021)	VISHNU INSTITUTE OF TECHNOLOG Y (A), BHIMAVARA M , ANDHRA PRADESH	VISHNU INSTITUTE OF TECHNOLOG Y (A), BHIMAVARA M , 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	MADANAPAL LE INSTITUTE OF TECHNOLOG Y & SCIENC, ANDHRA PRADESH	MADANAPAL LE INSTITUTE OF TECHNOLOG Y & 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	RAJAPALAYA M RAJUS' COLLEGE, HAJAPALAYA M	RAJAPALAY AM RAJUS' COLLEGE, HAJAPALAY AM	ONLINE	14-11-2022- 18-11-2022
07.	FACULTY DEVELOPMENT PROGRAMME ON “INTELLECTUAL PROPERTY RIGHTS (IPR)”	SRI G.V.G VISALAKSHI COLLEGE FOR WOMEN, UDUMALPET	SRI G.V.G VISALAKSHI COLLEGE FOR WOMEN, UDUMALPET	ONLINE	27-01-2022- 28-01-2022
08.	FDP ON "NANOSCIENCE FOR NANO MATERIALS"	AICTE TRAINING AND LEARNING	MANAKULA VINAYAGAR INSTITUTE OF	ONLINE	20.09.2021- 24.09.2021

		(ATAL) ACADEMY	TECHNOLOG Y		
09.	"ELECTRIC VEHICLES: CHALLENGES AND OPPORTUNITIES IN FUTURE INDIA"	AICTE TRAINING AND LEARNING (ATAL) ACADEMY	RMK COLLEGE OF ENGINEERIN G AND TECHNOLOG Y	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 TECHNOLOG Y AND INDIAN CERMIC SOCIETY, HYDERABAD	BHARTH INSTITUTE OF ENGINEERIN G AND TECHNOLOG Y 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 TECHNOLOG Y, RAJAPALAYA M	RAMCO INSTITUTE OF TECHNOLOG Y, RAJAPALAY AM	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) ACADEMY	NALLAMUTH U GOUNDER MAHALINGA M COLLEGE	ONLINE	26.07.2021- 30.07.2021
14.	ONE WEEK FACULTY DEVELOPMENT PROGRAMME ON "RECENT TRENDS IN THE	GMR INSTITUTE OF TECHNOLOG Y, RAJAM, A.P	GMR INSTITUTE OF TECHNOLOG	GMR INSTITUT E OF TECHNO	26.07.2021- 30.07.2021

	INDUSTRIAL ENGINEERING AND MANAGEMENT (RTIEM- 2021)”		Y, RAJAM, ANDHRA PRADESH	LOGY, RAJAM, ANDHRA PRADESH	
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 POLYTECHNI C 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 TECHNOLOG Y	ONLINE	31.05.2021- 04.06.2021
20.	FDP ON RECENT TRENDS AND OPPORTUNITIES FOR RESEARCH IN ELECTRONICS AND COMPUTER SCIENCE ENGINEERING	AICTE TRAINING AND LEARNING (ATAL) ACADEMY	GOA COLLEGE OF ENGINEERIN G	ONLINE	24.05.2021- 28.05.2021
21.	FDP ON	NEHRU	NEHRU	ONLINE	20.05.2021-

	OUTCOME BASED EDUCATION: MAPPING AND RUBRICS	MEMORIAL COLLEGE, PUTHANAMP ATTI	MEMORIAL COLLEGE, PUTHANAMP ATTI		21.05.2021
22.	TWO WEEK ADVANCED CONCEPTS FOR DEVELOPING MOOCS	MINISTRY OF HUMANA RESOURCE DEVELOPME NT, GOVERNME NT 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 HUMANA RESOURCE DEVELOPME NT, GOVERNME NT 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 HUMANA RESOURCE DEVELOPME NT, GOVERNME NT 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 RESEARC AND TECHNOLOGY	ST. JOSEPH'S INSTITUTE OF TECHNOLOG Y, CHENNAI	ST. JOSEPH'S INSTITUTE OF TECHNOLOG Y, CHENNAI	ONLINE	11.06.2020- 13.06.2020
26.	ONE WEEK FACULTY DEVELOPMENT PROGRAMME ON RESEARCH METHODOLOGY: TOOLS AND TECHNIQUES	MINISTRY OF HUMANA RESOURCE DEVELOPME NT, GOVERNME NT OF INDIA	ATMA RAM Sanatan Dharma College, University of Delhi Collaboration with	ONLINE	05.06.2020- 11.06.2020.

			Ramanujan College, University of Delhi		
27.	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
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	THANJAVUR	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	INDIAN INSTITUTE OF REMOTE SENSING	INDIAN INSTITUTE OF REMOTE SENSING	ONLINE	20.05.2024-24.05.2024

	STUDIES	(IIRS), ISRO	(IIRS), ISRO		
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,	DEPARTMENT OF PHYSICS, KONGUNADU ARTS AND	ONLINE	10.06.2021-12.06.2021

		COIMBATOR	SCIENCE COLLEGE, COIMBATOR		
09.	SORT 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 AUGMENTATION OF SMART MATERIALS AND TECHNOLOGIES FOR COMMERCIAL ENERGY HARVESTATION- PHASE II	AICTE	KONGU ENGINEERING COLLEGE, PERUNDURAI	ONLINE	30.11.2020-05.12.2020

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	Natio nal/ Inter natio nal	Place	Duration/ Date
01.	Wastewater Purification by Green Synthesis of Manganese dioxide Nanoparticles	International Conference on Chemical and Material Science ICCM- 2023	Inter natio nal	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	Inter natio nal	Periyakula m	16.03.2023-17.03.2023
03.	Wastewater Purification by Biosynthesis of	International Virtual Conference on	Inter natio	Periyakula m	16.03.2023-17.03.2023

	Nickel oxide nanoparticles.	Recent Trends in Physics	nal		
04.	Photocatalytic Activity of Green Synthesized Nickel Oxide nanoparticles by Brown Algae extract	International Conference On Advanced Materials - 2022	Inter national	Tiruchirapalli	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 & Bilogical Appliactions (NMEEB-2019)	Inter national	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)	Natio nal	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)	Inter national	Tiruchirapalli	19.12.2018
08.	Photosynthesis and characterisation of Tio2 nanoparticles using Diospyros	International Conference on Advanced Material and its Application (ICAMA-2018),	Inter national	Perambalur	13.08.2018-14.08.2018

	ebenum leaf extract and antibacterial				
09.	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
10.	Preparation and Characterization of Polyvinyl Alcohol and Tartaric Acid Based Taste Sensing Membrane.	National seminar on recent trends in biological science	National	PUTHANA MPATTI	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.	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, Thiruvavur.	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 & Training Centre	15.12.2021&16.12.2021

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 CO₂ 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.