

### Extension Service Activities

S. No	Date	Locations Details	Activity	No. of Beneficiaries
1	07.03.2011	S.T.E.T (W) College, Sundarakkottai, Mannargudi.	Physics Exhibition-2011	1500
2	08.03.2011	National Higher Secondary School, Mannargudi.	Physics Exhibition-2011	152
3	22.02.2012	National Higher Secondary School, Mannargudi.	Physics in Everyday Life	183
4	10.01.2014	Govt. Hr. Sec. School, Ullikkottai.	Glitter Flash	89
5	25.04.2016	Sundarakkottai Village	Save Electricity	150
6	06.01.2017	Govt. Hr. Sec. School, Edamelaiyur.	Innovative Physics	122
7	07.12.2017	Govt. Hr. Sec. School, Karuvakkurichi	Innovative Areas in Physics	120
8	24.07.2018	Panchayath union middle school, Sundarakkottai.	Energy Resources	48
9	06.12.2018	Navabharath Matric Hr. Sec. School, Ullikkottai.	Replicas in Physics	35
10	14.08.2019	SBA Matric Hr. Sec. School, Ullikkottai.	Physics in Habitual Life	50
11	05.03.2021 & 06.03.2021	Sundarakkottai, Keezhathirupalakudi, Kandithampettai	An awareness of global warming	300
12	16.03.2022	Vaduvur Hr. Sec School, Vaduvur.	Fascination in Physics	62
13	20.09.2022	Govt Girls. Hr. Sec. School, Koothanallur	Physics and Technology for Sustainable Future	54
14	21.09.2022	Govt Girls. Hr. Sec. School, Edamelaiyur	Creating interest in general Physics	45
15	26.09.2022	Edamelaiyur	Manjapai Vilzhipunarvu	150
16	26.10.23	Urban Bank School, Mannargudi.	Career guidance In Physics	42

17	26.10.23	Govt. Girls HSS, Mannargudi.	Career guidance In Physics	82
18	26.10.23	Govt. Girls HSS, Paravakkottai.	Scope of Physics	62
19	3.1.24	Govt. Girls HSS, Madhukkur	Physics World	64
20	4.1.24	Govt. Girls HSS, Eda –melaiyur.	Objectives of Physics	67
21	9.1.24	Govt. Girls HSS, Ullikkottai	Career guidance and higher studies opportunities	55
22	9.1.24	Navabharath Matric hr.sec school	Career guidance and higher studies opportunities	27
23	18.11.24	Dharani matriculation, Mannargudi	Career opportunities for Physics graduates	46
24	23.11.24	Govt. Girls HSS, Pattukkottai	Skill development and Career guidance	55

**SEMINARS/WORKSHOPS/CONFERENCES ORGANIZED-3**

<b>S.No</b>	<b>Date</b>	<b>Programme Type</b>	<b>Title</b>	<b>Name of the Resource Person(s) &amp; Address</b>	<b>Organizer</b>	<b>PA RT ICI PA NT S</b>
1	27.02.2018	National Seminar	RECENT ADVANCES IN MOLECULAR SPECTROSCOPY” RAMS-18	<b>Invited Lecture – I</b> <b>Resource Person :</b> <b>Dr. M. Venkateswarlu,</b> <b>Assistant professor,</b> <b>Course coordinator of Engineering Material,</b>  <b>Dept of Physics,</b> <b>KL University,</b> <b>Vaddeswaram,</b> <b>Invited Lecture –I I</b> <b>Resource Person :</b> <b>Fr. Dr. S. Xavier,</b> <b>Dean, Research and Administrator,</b> <b>St.Joseph’s College,</b> <b>Cuddalore.</b>	Department of Physics	95
2	11.03.2021 & 12.03.2021	National Webinar	Recent Development In Nano Science & Photonics (RDNSP-21)	<b>1.Dr.S.Ramalingam</b> <b>Assistant Professor</b> <b>of Physics,</b> <b>A.V.C College</b> <b>(Autonomous),</b> <b>Mayiladuthurai.</b>  <b>2.Dr.K.Selvam</b> <b>Assistant Professor</b> <b>of ECE,</b> <b>Women’s Polytechnic</b> <b>College,</b>		124

				<p><b>Puducherry.</b></p> <p><b>3.Dr. V.Gokulakrishnan,</b> Assistant Professor of Physics, A.V.C College (Autonomous), Mayiladuthurai.</p> <p><b>4.Dr.K.Karthigeyan</b> Assistant Professor of Physics, Women's Polytechnic College, Puducherry.</p>	Department of Physics	
3	16.06.2021 & 17.06.2021	Webinar	Understanding Basic Electrical Theory and Electrical Formulae	<p><b>Dr.P.Sathya,</b> Assistant professor of Physics Salem Sowdeswari College, Salem.</p>	Department of Physics	230
4	05.03.2023 07.03.2023	Webinar	Innovative Materials in Physics	<p><b>MS.K. PRIYA,</b> Assistant Professor, Department of Physics, V.S.B Engineering College, Karur.</p>	Department of Physics	76
5	10.03.2023	National conference	Advances In Functional Materials Research (AFMR – 23)	<p><b>1.Dr. B. Sundaresan,</b> Head &amp; Assistant Professor, Ayya Nadar Janaki</p>	Department of Physics	

				<p><b>Ammal College, Sivakasi.</b></p> <p><b>2.Dr. I. Hubert Joe Head , Department of Nano Science &amp; Nano Technology, University of Kerala, Kerala.</b></p>		<b>350</b>
<b>6</b>	<b>11.12.2023 to 15.12.2023</b>	<b>Conference cum Workshop</b>	<p><b>CSIR- HRDG Sponsored National conference Cum Workshop on Determinati on of Three Dimension Structure of Small and Macro Molecules Using Single Crystal X Ray Diffraction</b></p>	<p><b>1.Dr. D.Velmurugan, Professor –Research School of Bio Engineering, Department of Biotechnology, SRM Inst of Science and Tech, Kattankulathur.</b></p> <p><b>2.Dr. M. Yogavel , Research Scientist(P) , International center for Genetic Engineering and Biotechnology , New Delhi.</b></p> <p><b>3. Dr.V. Viswanathan, ICMR post - Doctoral Fellow. Department of Bioinformatics, Alagappa University, Karaikkudi.</b></p> <p><b>4. Dr.P. Karthee, Head, CAS in Crystallography</b></p>	<b>Department of Physics &amp; Chemistry</b>	<b>198</b>

				<b>and Biophysics, University of Madras, Chennai</b>		
<b>7</b>	<b>12.09.2024 to 13.09.2024</b>	<b>International Conference</b>	<b>Functional Nanomaterials For Energy, Environmental And Biomedical Applications (ICFN - 24)</b>	<b>1. Dr.MazabaloBaneto</b> Associate Professor, Department of Physics, University of Lome, Togo.  <b>2. Dr. K.Ravichandran,</b> Head, Associate Professor of Physics, AVVM Sri Pushpam College (A), Poondi, Tamilnadu  <b>3. Dr.P.Ravikumar,</b> Assistant Professor of Physics, Tagore Govt. Arts and Science College, Pondicherry.  <b>4. Dr.S.Snega,</b> Assistant Professor, Kunthavai Nachiyar Govt.Women's Arts College, Thanjavur.	<b>Department of Physics &amp; Chemistry</b>	<b>134</b>

### **Workshops of Hardware Training**

<b>S.NO</b>	<b>YEAR</b>	<b>TOPIC</b>	<b>RESOURCE PERSON</b>	<b>PARTICIPANTS</b>
<b>1</b>	<b>2015</b>	<b>Preparation of Metal Oxide Nano Powders and their application to degradation of Organic Dyes</b>	<b>Dr.K. Ravichandran, Assistant Professor in Physics, AVVM Sri Pushpam College,Poondi.</b>	<b>227</b>
<b>2</b>	<b>2017</b>	<b>HAM Radio in Disaster Management (Technical Session-I)</b>	<b>Mr.Manoharan Kandasamy,B.E.,M.B.A., Former Producer, Stanford University Radio, Sanfrancisco,USA.</b>	<b>230</b>
		<b>HAM Radio in Disaster Management (Technical Session-II)</b>	<b>Mr.S.P.Rajendran, M.A.,(Disaster Management) President, International Amateur Wireless Station Operators Society,Kumbakonam.</b>	<b>230</b>
<b>3</b>	<b>2019</b>	<b>Telecom overview</b>	<b>Mr.M.Rajendran B.A., Sub Divisional Engineer, Transmission &amp; Networks, BSNL, Mannargudi.</b>	<b>240</b>
<b>4</b>	<b>2019</b>	<b>RAHCES (RADIO AMATEUR/HAM CIVIL EMERGENCY SERVICE)</b>	<b>Mr.Manoharan Kandasamy,B.E.,M.B.A., Former Producer, Stanford University Radio, Sanfrancisco,USA.</b>	<b>220</b>
<b>5</b>	<b>2020</b>	<b>“Amateur Radio (HAM)”</b>	<b>Mr.Manoharan Kandasamy,B.E.,M.B.A., Former Producer, Stanford University Radio, Sanfrancisco,USA.</b>	<b>300</b>

## Guest Lectures

S.NO.	TOPIC	RESOURCE PERSON	PARTICIPANTS
1	Spectroscopy - A new solution for material analysis	Dr.s.Dheivamalar Assistant Professor in Physics P.G.. & Research Department of Physics Government Arts College for women(autonomous) Pudukkottai	230
2	Nanotechnology and its application	Dr. K.Ravichandran Assistant Professor of Physics, AVVM Sri Pushpam College, Poondi.	227
3	Guest lecture on “Introduction to Molecular Spectroscopy”.	Dr. S. Ramalingam, Research advisor, AVC College, Mannampandal, Mayiladuthurai,	267
4	Energy Technology in Physics	Dr,S. Sakthivel, Assistant Professor of Physics, Rajah Serfoji Govt.Arts College,Tanjore	227
5	Smart Materials	Dr. A.Ayesha Mariam, HOD&Assistant Professor of Physics, Khadir Mohideen College,Adhirampattinam	200



**FACULTY DEVELOPMENT PROGRAMME (ORGANIZED) -2**

<b>S.NO</b>	<b>YEAR</b>	<b>TOPIC</b>	<b>RESOURCE PERSON</b>	<b>PARTICIPANTS</b>
<b>1</b>	<b>2021</b>	<b>Digital Literacy :A Prerequisite for Effective Teaching – Learning Process and Research Development</b>	<b>Dr.Sr.A.Jenitta ,M.E.,Ph.D., M.ISTE. Vice Principal &amp; Professor, Department of Electronics &amp; Communication Engineering, Idhaya Engineering College for Women, Chinnasalem , Kallakurchi (Dt)</b>	<b>121</b>
<b>2</b>	<b>2021</b>	<b>Application of Tools and Techniques in Research Methodology</b>	<b>Dr. S.Sakthivel., M.Sc., M.Phil., Ph.D., Associate Professor of Physics, Rajah Serfoji Govt. College (Autonomous), Thanjavur</b>	<b>150</b>