

Department of Physics

Dr. A. Janaki Ramya
Assistant Professor (Sr. Gr)
University college of Engineering –BIT Campus
Annauniversity
Tiruchirappalli-620024.
Email id : renipapu@gmail.com
Contact number: 9487619271 & 9597224041
Whatsapp number: 9487619271



Educational qualifications:

S.NO	Qualification	subjects	Board/University	Class	percentage
1.	B.Sc	Physics	Bharathidasan University	I	72%
2.	M.Sc	Physics	Bharathidasan University	I	71%
3.	M.Phil	physics	Bharathidasan University	I with Distinction	83%
4.	Ph.D	Science and Humanities	Anna University	-	-

Experience (Teaching):

S.NO	College	Designation	From	To
1.	University college of Engineering- Thirukkuvalai	Teaching Research Assistance	22.09.2008	16.9.2009
2.	University college of Engineering- Thirukkuvalai	Assistant Professor	17.9.2009	27.11.2014
3.	University college of Engineering- Thirukkuvalai	Assistant Professor(Sr.Gr)	27.11.2014	07.08.2023
4.	University college of Engineering-BIT Campus	Assistant Professor(Sr.Gr)	08.08.2023	Till Date

Administrative Experience:

- Served as Red Ribbon Club Coordinator
- Serving as Anti Drug Club committee member

List of Paper publications:

1. **A. Janakiramy** , R.K.Rajakarthikeyan, S.Kumaran and S.Leones Sherwin Vimalraj “Fabrication of Graphitic Carbon Nitride Decorated MoSe₂ Hybrid Nanocompoaite as an Efficient Counter Electrode For Pt Free Dye Sensitized Solar Cells” **Journal:Chemical papers** Published:02-2024,Volume number:78,Issue Number:4,Page Number:2635-2647,ISSN number:0366-6352, Impact factor: 2.146
DOI LINK: <https://doi.org/10.1007/s11696-023-03268-3>
2. A. Kistan, S. Mohan, S. Mahalakshmi, A. Jayanthi, **A. Janakiramy**, P. Sivakarthish “sol- gel technique, charaterization and photocatalytic degradation activity of manganese doped zno nanoparticles” **Journal- Main Group Chemistry**.Published16 November 2023, Page no: 1-14,Volume:23,Issue:1, Impact factor: 1.5
DOI LINK: <https://doi.org/10.3233/MGC- 230067>
3. **A.Janakiramy**, G.Raja, M.Raja and A.Subramanian “Effect of conducting polymer decorated Ppy@rGO hybrid electrodes with high specific capacitance and long trem stability for energy storage devices”. **Chemical Papers (SPRINGER NATURE)** Aug 2023Accepted and Published.Volume number:77 Issue Number :11,Page Number:6907-6918,ISSN number:0366-6352Impact factor: 2.146
DOI LINK: <https://doi.org/10.1007/s11696-023-02985-z>
4. **A.Janakiramy**, N.Shobana Devi, S.P.Mangaiyarkarasi and R.Shankar “One-Pot hydrothermal synthesis of 2D-2DMoS₂ /CdS heterojunctions photocatalysts for photocatalytic h₂production under visible-light irradiation” **Journal of Materials Science: Materials in Electronics (SPRINGER)** 2 JUNE 2023Accepted and Published 15JUNE2023. Volume number: 34, Issue number:1350, IssnNo:0957-4522,Impact factor:2.8,
DOI LINK: <https://doi.org/10.007/s10854-023-10765-4>
5. K.Lawrence Mary, J.Vijila Manonmani, N.Shobanadevi and **A.Janakiramy** “Construction of a Novel ZnO /Rgo Hybrid Composite For Efficient Degradation of CV ,Cr(VI) and 2,4-D Under Visible Light Irradiation” **Journal of the Indian Chemical** Volume: 100 , Issue no: 2 Month &Year: February 2023, Article no: 100890,Impact factor: 1.65
DOI Link: <https://doi.org/10.1016/j.jics.2023.100890>
6. G.Hariharan, A.P.Dharani, K.Aruna, A.Janakiramy and R.Sridarane “Decoration of WO₃ Nanospheres with Graphene Nanotubes for Enchancement of Solar Energy Applications” **Journal of Materials Science: Materials in Electronics**, Volume: 33 , Issue no: 18, Page no: 14992-15004 , Month &Year: 06th JUNE & 2022, Impact factor: 2.8
DOI Link: <https://doi.org/10.1007/s10854-023-08417-0>
7. P.Mani, K.Manikandan, A.Janakiramy, A.Iruthaya seelan, S.Syed zahirullah, M.Shaahul Hameed and J.Joseph Prince“Influence of Molar Concentrations on Optical Properties of Copper Sulphide Thin films by Silar Method” **International Journal of Chem Tech Research** coden (USA),Publisher: Sphinx Knowledge House.Volume: 6,Issue no: 7,page no: 3573-3578, Month &Year of publication: Sep-Oct 2014, Impact factor: 0.49,ISSN: 0974-4290
DOI LINK: .Int.J.ChemTech Res.2014, 6(7)

1. **Patents :** (Year wise) Starting from the present year

S. No.	Name(s) of the applicant/Inventors	Title of the Patents(Utility/Design)	Appl./ Design No.	Filing Date	Status (filed/FER/Granted)
1.	Dr.A.Janaki ramya	Digital Device For Analysing and Display Chemical Reactions	418254-001	28/05/2024	Granted
2.	Dr.A.Janaki ramya	IOT Based Breath Analyser	430982-001	19/09/2024	Granted

Program attended details:

S.NO	ABBREVIATIONS
1.	<p>WORKSHOP Title:APT-HEAT-2011 One day Awareness Programme For Teachers on "Heuristic Approach in Teaching" Organizer: Anna University Trichy Date: 29.03.2011 Day:01</p>
2.	<p>CONFERENCE Title:ICAM-2012 International conference on Advanced Materials-2012 Organizer: Loyola College, Department of physics- Chennai Date: 05.01.2012-07.01.2012 Days:03</p>
3.	<p>CONFERENCE Title:ICRAM-2012 International conference on Recent trends in Advanced Materials-2012 Organizer: VIT, Department of physics Date: 20.02.2012-22.02.2012 Days:03</p>
4.	<p>SEMINAR Title:NANOMEET-2013 Indigenous Nanomaterials development for Industrial Applications(INDIA) Organizer: Center for Nanoscience and Technology,Anna University-Chennai Date: 27.02.2013-28.02.2013 Days:02</p>
5.	<p>WORKSHOP Title:NMEICT-2013 National mission on education through information and communication technology Organizer: NIT TRICHY Date: 11.02.2013-12.02.2013 Days:02</p>

6.	<p>ORIENTATION PROGRAM Title: Orientation program Organizer: Bharathidasan University Trichy-Acadamic Staff College Date:15.11.2012-12.12.2012 Days:28</p>
7.	<p>REFRESHER COURSE Title: Refresher course in physics Organizer:Bharathidasan University Trichy-Acadamic Staff College Date:06.11.2014-26.11.2014 Days:14</p>
8.	<p>BRIDGE COURSE Title: Bridge course Organizer: Centre for faculty development, Anna University Chennai Date:20.06.2015-21.06.2015 Days: 02</p>
9.	<p>FDP Title: Recent Advancements In Materials Organizer: University College of Engineering-BIT CAMPUS Date:11.07.2016-24.07.2016 Days:14</p>
10.	<p>WORKSHOP Title: Intellectual Property Rights And Innovations Organizier:Uce-Thirukkuvalai &Center for Intellectual Property Rights-Anna University chennai Date: 24.08.2017 Day:01</p>
11.	<p>FDTP Title:PH8151-Engineering Physics Organizier:University College Of Engineering-Dindigul Date:20.06.2018-26.06.2018 Days:07</p>
12.	<p>WORKSHOP Title:Atomic Force Microscopy Organizier:Central University Of Tamilnadu-Thiruvavarur Date:02.08.2018 Day:01</p>
13.	<p>WORKSHOP Title: Recent Advancements in embedded systems with IOT(Internet of things) and its applications Organizier:University college of Engineering-BIT campus Date: 24.08.2018-21.04.2018 Days:2</p>
14.	<p>FDTP-ONLINE Title:Moodle Learning Management System Organizer:Centre For Faculty Development-Annauniversity Chennai & Spoken Tutorial-IIT Bombay Date:12.10.2020-16.10.2020 Days:05</p>

15.	<p>REFRESHER COURSE-ONLINE Title: Refresher Course In Nano Science Organizer:UGC-HRDC Bharathidasan University-Trichy Date:25.11.2020-08.12.2020 Days:14</p>
16.	<p>WEBINAR- ONLINE MODE Title:Industry-Institute Interaction On Optical& Electrical Modelling Software For Semiconductor Devices Organizer: Bharathiar University Coimbatore Date:15.12.2020 Day:01</p>
17.	<p>WORKSHOP- ONLINE MODE Title: Leadership Development Programme For Senior Level Teachers Organizer: Bharathidasan University, Trichy Date:10.02.2021-16.02.2021 Days:06</p>
18.	<p>FDP Title: Essentials Of Outcome Based Education Organizer: Dr.MGR Educational And Research Institute,Department Of Information Technology Date: 15.03.2021-19.03.2021 Days:05</p>
19.	<p>FDP Title: Data Science For All(ON LINE MODE) Organizer: Electronics And Ict Academies Supported By The Ministry Of Electronics And Information Technology Government Of India Date: 12.04.2021-23.04.2021 Days:12</p>
20.	<p>INDUSTRIAL TRAINING Title:Industrial Training On Basic Science And Communication Organizer:Rajiv Gandhi Memorial Telecom Training Centre(Online Mode)-Bsnl Meenambakam Chennai Date:23.06.2021-13.07.2021 Days:21</p>
21.	<p>WEBINAR Title: Gender Equality Of Women's Empowerment (Online Mode) Organizer: Womenr Empowerment Cell University College Of Engineering –Thirukkuvalai Date:08.03.2021 Day:01</p>
22.	<p>FDP Title: Industrial Training On Plastic Testing And Quality Contral (Online Mode) Organizier:Central Institute Of Petrochemicals Engineering And Technology(Cipet) Ministry Of Chemical And Fertilizers Government Of India Date:06.09.2021-22.09.2021 Days:14</p>

23.	FDP Title: SI Universal Human Values -I (On Line Mode) Organizer:AICTE Date:03.01.2022-07.01.2022 Days:05
24.	FDP Title: Universal Human Values-II(Off Line Mode) Organizer: College Of Engineering –Guindy,Anna University Chennai Sponsored By AICTE New Delhi Date:01.08.2022-05.08.2022 Days:05
25.	FDP Title: Research Frontiers In Physics(On Line Mode) Organizer: Department Of Physics (Government College Of Engineering-Srirangam Trichy And Faculty Development Training Centre-Gct Coimbatore) Date:11.09.2023-15.09.2023 Days:05
26.	SEMINAR Title: Guidelines To Write High Quality Research Articles For High Impact Factor Journals Organizer: University College Of Engineering –BIT Campus Anna University-Triuchirappalli Date: 16.11.2023 Day:01
27.	FDP Title: Development Of Materials Characterization Techniques And Their Future Prospects(On Line Mode) Organizer: Department Of Physics, Sri G.V.G. Visalakshi College For Women Udumalpet Date:18.12.2023-22.12.2023 Days:05
28	WEBINAR Title: Magnetic Order In Manganites (Online Mode) Organizer: Department Of Physics –School Of Science And Humanities, SR University Warangal India Date:23.12.2023 Day:01
29.	WEBINAR Title: Advancements In Super capacitor Technology-Energy Storage For The Future (Online Mode) Organizer: Department Of Physics –School Of Science And Humanities,SR University Warangal India Date:30.12.2023 Day:01