

Faculty Profile

Name : VELMURUGAN. G
Designation : Assistant professor
Department : Physics
Qualification : M.Sc.,M.Phil.,(PhD)



Professional Experience :

Period	Name of the Institution	Designation
12-03-2008 To 10-02-2009;	Mano College, Nagampatti	Lecturer
11-02-2009 To till date	Yadava College, Madurai-14	& Assistant professor

Contact : 9786997116

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Area of Interest : Nano Science, Super capacitors

Subject Taught :

Under Graduate : 1.Thermodynamic
2.Optics & Spectroscopy

Post Graduate: 1.Classical Mechanics
2. Thermodynamics & Statistical Mechanics
3. Solid State Physics
4. Crystal growth & Thin film technology

UGC recognized Orientation/Refresher Courses attended *:4

Nature of the course	Place	Duration	Sponsoring Agency
66 th Orientation Program	Bharathidasan University, Thiruchirapalli	09.11.2010 to 06.12.2010	UGC
Refresher course in current trends in condensed matter physics	Madurai Kamaraj University, Madurai	12.11.2013 to 02.12.2013	UGC
Refresher course in Recent trends in physics	Madurai Kamaraj University, Madurai	03.02.2015 to 23.02.2015	UGC
Refresher course on gender studies	Madurai Kamaraj University, Madurai	18.12.2018 to 07.01.2019	UGC

Presentation in conferences & seminars

S.No.	Title
1	Paper presented in the title “Green synthesis and characterizations of NiSO ₄ /rGo composite” on Recent trends in physics & Material research organized by Jeyaraj Annapackiam College for Women, Periyakulam on February 4 th & 5 th (2016)
2	Paper presented in the title “Laser field Intensity on the exciton in a narrow band gap quantum dot”, on National Conference on Materials For Modern World (NCMMW-2018)” organized by Easwari Engineering College, Chennai on 18 th and 19 th September (2018).
3	Paper presented in the title “Green synthesis of silver nano particle for biological applications” in India-UK joint International conference on Advanced Nano Materials for Energy, Environment and Healthcare Applications (ANEH-2018) at K.S.R.College of Arts and science, Tiruchengode held on 31 st August and 1 st September (2018).

Participation in Conferences, Seminars & Webinars

S.No.	Title
1	Participated one day workshop on “Astronomy & Nuclear Medical Physics” organized by American College, Madurai, on 15 th February 2019.
2	Participated one day state level seminar on “Recent trends in solar technologies” organized by American College, Madurai, on 20 th February 2014.
3	Participated one day state level seminar on “New Perspectives on Choice Based Credit System (CBCS) in Tamilnadu” held at V.O.Chidambaram College, Thoothukudi during MUTA First Academic Conference on 18 th February 2012.
4	Participated webinar on “Post COVID Academic Structures and IP” organized by SFR Collge, Siakasi, held on 16.05.2020
5	Participated webinar on “A Three day Faculty Development Program on Physics Trends in Technology and Research” organized by Department of Science and Humanities, C. Abdul hakkem college of engineering and technology, Ranipet – Physics during 26 – 28th June 2020.
6	Participated webinar series – Scholars who rocked the world – “REBELLION EINSTEIN” organized by Johnson Institute of Technology, Coimbatore, and Tamilnadu Science Forum, Tirupur, held on 24.06.2020
7	Participated webinar series – Scholars who rocked the world – “FATHER OF MODERN PHYSICS-GALILEO” organized by Johnson Institute of Technology, Coimbatore, and Tamilnadu Science Forum, Tirupur, held on 25.06.2020
8	Participated webinar series – Scholars who rocked the world – “Sir. ISSAC NEWTON” organized by Johnson Institute of Technology, Coimbatore, and Tamilnadu Science Forum, Tirupur, held on 26.06.2020
9	Participated Webinar on “கட்டற்ற கணித்தமிழ்: மின் உள்ளடக்க உருவாக்கம்” organized by the Department of Tamil, G.T.N. Arts College (Autonomous), Dindigul on 25.05.2020.
10	Participated in Webinar Series - Scholars who rocked the world - "NEED OF SOCRATES IN MODERN WORLD", organized by the Jansons Institute of Technology, Coimbatore and Tamil Nadu Science Forum, Tirupur, held on 27.06.2020
11	Participated in Webinar Series - Scholars who rocked the world - "PILOSOPER BURUNO", organized by the Jansons Institute of Technology, Coimbatore and Tamil Nadu Science Forum, Tirupur, held on 2.06.2020.
12	Participated webinar on “A Two day Faculty Development Program on Project proposals for funding agencies”(UGC STRIDE & ICSSR IMPRESS)Preparation and Submission Protocol” organized by Patrician College, Research Committee

	on during 16-17 th May 2020.
13	Participated webinar on “Micro, Nano and Atomic Approaches in Electronic Applications” organized by Department of Electronics, Erode Arts and Science College, Erode, on 21 st May 2020.
14	Participated webinar on “How to write a Research paper” organized by Department of Physics, Erode Sengunthar Engineering College, Perundurai, on 15 th May 2020.
15	Participated webinar on “Oxygen Electro Catalysis” organized by Chennai Institute of Technology, on 29 th June 2020.

M.Sc projects : 15
(guided)