



PROFILE

R. GOWTHAR

Designation:

Assistant Professor in Physics

Teaching Experience: 14 Years

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Trichy -20

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33-F Mariamman kovil Street,
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Kallakurichi (Dt),
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EDUCATIONAL QUALIFICATION

M.Sc., M. Phil., B.Ed., PGDCA.,

EXAMINATION PASSED

B.Sc	-	2006
B. Ed	-	2007
M.Sc	-	2009
PGDCA	-	2009
M.Phil	-	2010

TEACHING EXPERIENCE

Total Experience	: 14 Years	(From 2010 to Till date)
Undergraduate	: 14 Years	
Postgraduate	: 14 Years	

AREA OF SPECIALIZATION

Electronics, Spectroscopy, Nuclear Physics, Quantum Mechanics.

PERSONAL INFORMATION

Gender	Female
Nationality	Indian
Language Known	Tamil, English, Hindi, Urdu

SUBJECTS TAUGHT

Undergraduate :

Electronics, Material Science, Heat & Thermodynamics, Electricity & Magnetism, Properties and Matter, Nano science, Laser and Spectroscopy

Postgraduate :

Nuclear Physics, Spectroscopy, Classical Mechanics, Quantum Mechanics, Mathematical Physics , Solid state Physics, Statistical Mechanics

CONFERENCE / SEMINAR ATTENDED

1. Seminar on “**Creating Competitiveness excel in Higher Education**” organized by the PG & Research, Department of Physics, Jamal Mohamed College on 8th December 2010
2. National seminar in “**National Science day & 100 year of Discovery of Superconductivity**” organized by the PG & Research Department of Physics, Jamal Mohamed College on 28th February 2012.
3. Has Attended “**Workshop on Leadership Training** “organized by the PG Department of Physics, Jamal Mohamed College on 25 February 2013.
4. National Level Seminar on “**Nano science and laser materials processing**” organized by the PG & Research Department of Physics, Jamal Mohamed College on 9th March 2013.
5. International Seminar on “**Crystalline materials and optoelectronic devices**”, PG & Research Department of Physics, Jamal Mohamed College on 3rd February, 2014
6. One Day Workshop on “**Amateur Radio**”, PG & Research Department of Physics, Jamal Mohamed College on 28th February, 2014
7. State Level Seminar On “**Avenues for Higher Scientific Pursuits (ASHP-2014)**” , PG & Research Department of Physics, Jamal Mohamed College on 8th September, 2014

8. Three days workshop on “**Amateur Radio**” , PG & Research Department of Physics, Jamal Mohamed College on 13th-15th march,2015.
9. National Level seminar on “**Laser and its Applications, (LAIA 2015)** “PG & Research Department of Physics, Jamal Mohamed College on 16th march 2015.
10. Has participated in a One day “**Faculty Enrichment**” Program- use of NLP technique in teaching.
11. Has participated National Level seminar on “**Solid State Physics and its Application (NASSSPA-2018)**” organized by the PG Research Department of Physics, Jamal Mohamed College
12. Details of the Incharge in Extra Curricular Activities : **ADA ADVISOR (2011-2015)**
13. A One day Workshop on “**The Role of a Teacher in the Present Scenario**” organized by Internal Quality Assurance Cell Jamal Mohamed College (Autonomous), Tiruchirappalli on 10th December 2017.
14. Has participated in a UGC CPE Sponsored Two day workshop on “**Professional Development for Academic leadership**” in Curriculum design organized by Curriculum development Cell -Jamal Mohamed college(Autonomous), Tiruchirappalli on 18th & 19th January 2019.
15. National Level Seminar on “**Advanced Topic In Physics (NSATP-19)**” organized by the PG Research Department of Physics, Jamal Mohamed College on 6thMarch 2019.
16. Participated in the Staff Enrichment Programme on “**Ownership Culture**” organised by IQAC , Jamal Mohamed College on 14th June 2019.
17. Participated in the “**National seminar On Advanced Materials (NSAM’2020)**”, Organised by PG & Research department of physics, Jamal Mohamed College on 23rd January 2020
18. Participated in the workshop on “**EDMODO ICT TOOL**” organized by IQAC ,Jamal Mohamed College on February 4th, 2020
19. Participated Three Days Workshop on “**Fundamentals of Probability Theory and Detection Estimation Theory**” organized by Department of Mathematics, Jamal Mohamed college, Trichy from 16-10-2022 to 18-10-2022
20. Participated a One day Orientation programme on” **Gender and Socialisation**” held at Department of Women’s Studies, Bharathidasan University, Khajamalai Campus, Trichy on 21-12-2022
21. Has attended International Conference on “**Recent Innovations in Materials Science and Spectroscopy (ICRIMS-2023)**” Organised by PG & Research Department of Physics, Jamal Mohamed College on 10th January 2023
22. Has Served as the member of the organising committee during the international conference on “**Recent Trends in Materials Science (ICRTMS -2024)**” on 04-01-2024 organised by PG & Research Department of Physics, Jamal Mohamed College , Trichy and ISPA.

23. Has attended A One Week Faculty Development Programme on “**Road Map for Intellectual Property Rights**” organised by IPRC, IQAC Of Jamal Mohamed College , Trichy from **08-01-2024 to 12-01-2024**
24. Has Participated in One day International Symposium On “**Recent Trends In Photonics**” organised by NITT- Optica & SPIE Student Chapters, Department of Physics, **National Institute Of Technology**, Trichy on February 13, 2024
25. Has Completed Ten Days “**NEP 2020 Orientation & Sensitization programme**” under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission(UGC), **Malaviya Mission Teacher Training Centre (UGC-MMTTC)**, **Bharathidasan University**, Trichy from **19-02-2024 to 28-02-2024**
26. Has **Served** as “**Jury**” in the Student Conclave in “**National Science Day Celebration**” organised by Centre for Research in Association with IQAC of Jamal Mohamed College on **28-02-2024**

Academic Responsibilities:

- Member : Board of Studies
- Tutor in-charge for MSc Physics (Women) - (2023-2024)
- IQAC- Microcell Member in charge for physics(SF-W)
- Anti Dowry Association Club Advisor (2011-2015)
- Executive Member : JMC Alumini Association Chapter
- JMC Girl’s Hostel Subwarden (2010 to 2014)