



PROFILE

R. GOWTHAR

Designation:

Assistant Professor in Physics

Teaching Experience: 14 Years

Email:

rg@jmc.edu

Mobile Number:

9600868767

Official Address:

Department of CS & IT
Jamal Mohamed College
Trichy -20

Residential Address:

33-F Mariamman kovil Street,
Near Bus Stand, Kallakurichi ,
Kallakurichi (Dt),
Pin code : 606 202

EDUCATIONAL QUALIFICATION

M.Sc., M. Phil., B.Ed., PGDCA.,(Ph.D)

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 : **12 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 6th March 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**.
27. Attended Online FDP on “Leverging AI Technologies for Enchanced Reaching, Learning and Assesment “ organised by Department of CS & IT, Jamal Mohamed College on **29.07.2024 to 02.08.2024**.
28. Participated one week Interational FDP on “Cutting Edge Technologies in Computer Science” organised by Department of Computer Science and Engineering ,Eswari Engineering College ,Ramapuram, Chennai during **23.09.2024 to 29.09.2024**.
29. Attended National level one week Online FDP on “Emerging Trends in Pedagogy for quality excellence in higher education” organised by IQAC of VV .Vanniaperumal College , Virudhunagar and Jamal Mohamed College , Trichy on **18.11.2024 to 24.11.2024**.

PAPER PRESENTED:

1. Presented a paper on “Synthesis, Growth, Spectral and Optical properties of Glyzinium 2-Chlorobenzoate Non linear optical single crystal” in One day International Conference on Entitled Emerging Trends in Mathematics and Physical Science, organised by Department of Physics , Shrimathi Indira Gandhi College , Trichy on **24.09.2024**

Academic Responsibilities:

- **Member** : Board of Studies
- Tutor in-charge for M.Sc Physics (Women) - (2023-2024)
- IQAC- Microcell Member in charge for physics(SF-W) (2018-2021)
- Anti Dowry Association Club Advisor (2011-2015)
- Executive Member : JMC Alumini Association Chapter (2023-2024)
- JMC Girl’s Hostel Subwarden (2010 to 2014)