

PROFILE

Name : **R.GOWTHAR**
Sex : Female
Designation : Assistant Professor

Address for Communication :

Residency	Office
33 F, Mariamman kovil street Near bus stand, Kallakurichi Kallakurichi District Pincode: 606202	Department of Physics Jamal mohamed college (Autonomous) Trichy- 620020 TEL: 0431- 2331535

E-mail: sarabarkath@gmail.com

Educational Qualification : MSc, M.Phil, B.Ed, PGDCA

Examination Passed	Year
B.Ed	2007
M.Sc	2009
M.Phil	2010
PGDCA	2009

Experience : 11 years
Years Under Graduate : 11 years
Post Graduate : 10 years

Languages known : Tamil, English, Hindi, Urdu

Area of Specialization : Electronics, Classical mechanics, Quantum mechanics, Spectroscopy, Solid State Physics, Nuclear Physics

Subjects Taught :

Undergraduate : Electronics, Heat & Thermodynamics Semiconductor devices & Circuits, Laser & Spectroscopy

Postgraduate : Nuclear Physics, Spectroscopy, Classical mechanics, Quantum mechanics, Mathematical Physics , Solid State P hysics

Conference/Seminar

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. “Workshop on Leadership Training “organized by the PG Department of Physics, Jamal Mohamed College on 25th 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 3 February, 2014
6. One Day Workshop on Amateur Radio, PG & Research Department of Physics, Jamal Mohamed College on 28 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. Three day NLP Based Faculty Empowerment Programme organised by Jamal Mohamed College - Trichyon 17.06.2017, 19.06.2017, 20.06.2017
11. Two days on Professional Development for Academic Leadership in Curriculum Design - organised by Curriculum Development Cell - Jamal Mohamed College - Trichy on 18.01.2019 to 19 .01.2019
12. Attended National seminar on “ADVANCED MATERIALS (NSAM-2020)” organised by PG, Research Department Of Physics , Jamal Mohamed College on 20 23.01.2020
13. Attended one day Orientation Programme “OWNERSHIP CULTURE’ organised by Jamal Mohamed College - Trichyon on 14.06.2019
14. Attended One day Workshop on “Edmodo ICT Tool” organised by Jamal Mohamed College - Trichyon on 04.02.2020

15. Attended the webinar on the topic of “NANO MATERIALS FOR ENERGY CONVERSION AND STORAGE” Organised by Department Of Physics, Jamal Mohamed college-Trichy,SNS College Of Technology, Coimbatore on 7th may 2020
16. One Week Online Faculty Development Programme on “Opportunities & Challenges in Electronics & Allied Industries in India post COVID-19” -organised by Jamal Mohamed College - Trichy on 25.05.2020 to 30.05.2020
17. Participated in the National Level Awareness Quiz on “ICT INITIATIVES of MHRD and UGC” organized by “IQAC” of Jamal Mohamed college in association of Computer Society of India ,Trichy chapter on 27.05.2020
18. Participated in the National Level Awareness Quiz on “ICT INITIATIVES of MHRD and UGC” organised by IQAC, Jamal Mohamed College in Association With NATIONAL LEVEL QUIZ “ Computer Society of INDIA,TRICHY. on 27 may 2020
19. International webinar on“Energy and Environment” - organised by Govt Maharani Laxmi Bai Girls PG college-Indore-Madhya Pradesh on 13.07.2020 to 14.07.2020
20. International webinar on “Emerging Trends in Materials Science-2020”,organized by Maharaja Govt PG College- Dher - Madhyapradesh on 05.07.2020 to 09.07.2020
21. One week Online International Faculty Development Programme on“Advanced Materials& Mathematical Tools” organised by Govindrao Wanjari College of Engg Tech, Nagpur on 15.07.2020
22. National level webinar on “National Education Policy, Autonomy Status Challenges & Opportunities”,Organized by IQAC- Rani Parvathi Devi College- BELAKAVI-KARNATAKA on 08.08.2020
23. National level webinar on “Sensor Materials and Applications”-Organised by Department of Physics, B.S.Abdur Rahman Crescent Institute Of Science & Tech -Chennai on 26.07.2020
24. Online Faculty Development Programme On “Spectroscopic Techniques” organised by Jamal Mohamed College- Trichy on 03.08.2020 to 05.08.2020
25. National level Webinar on “Recent Trends In Physics of Materials” organised by Pachaiyappa’s College - CHENNAI on 19.08.2020
26. National Level Workshop On “Recent Trends And Opportunities in Physics”(ONLINE) organised by Department Of Physics – VIT-Andhra Pradesh University-Andhra Pradesh on 10.04.2021 & 17.04.2021

- ❖ **Details of the Incharge in Extra curricular activities : ADA Advisor (2011-2015)**
- ❖ **IQAC Incharge - Micro Cell Member (2019- 2021)**