

JAMAL MOHAMED COLLEGE (AUTONOMOUS)

TRICHIRAPPALLI.

DEPARTMENT OF PHYSICS

1. **Name** : M. AYISHA

2. **Date of Birth** : 23-12-1990

3. **Residential Address** :

Residential:

Plot.no:3/438,Pari Nagar,
Kattur,
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4. **Office Address** : Department of physics,
Jamal Mohamed College(Autonomous),

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Phone: 0431 23311358* 326

5. **Designation** : Assistant Professor

6. **Educational Qualifications** : M.Sc., M.Phil.,

Examination Passed

B.SC 2011

M.SC 2013

M.Phil. 2014

7. **Experience:**

UG: 9 years

PG: 8 years

8. **Area of specialization:**

Spectroscopy & Electronics, Ultrasonic, Nuclear Physics.

9. **Language Known:**

Tamil, English and Urdu.

10. Subject Taught:

Undergraduate : Laser & spectroscopy, Electricity & Magnetism, Digital Electronics, Nuclear Physics, Heat and Thermo Dynamics, Properties of Matter, Mechanics and Scientific Programming in C, Atomic Physics

Postgraduate : Computational Methods for Physics, Medical Physics, Atomic & molecular Spectroscopy, Solid State Physics.

11. Details of Seminars/ Conferences/ workshops attended:

- Participated in one-day seminar in the “Avenues for Higher scientific pursuits (AHSP-2014)” on 8th September 2014 held at Jamal Mohamed College (Autonomous), Trichirappalli-20.
- Participated in the National Level Seminar in “Laser and its Applications-LAIA-2015” on 16th March 2015 held at Jamal Mohamed college (Autonomous), Trichirappalli-20.
- Participated in one day workshop in the The Role of a teacher in the Present scenario on 10th December 2016 held at Jamal Mohamed College (Autonomous), Trichirappalli-20.
- UGC sponsored National level seminar on RECENT ADVANCEMENT IN MATERIALS (NLM RAM: 17) organized by P.G. and research department of physics, Jamal Mohamed college (Autonomous), Trichirappalli on 15th February 2017.
- Participated in the three days NLP-Based faculty empowerment programme on 17th, 19th and 20th JUNE 2017 at Jamal Mohamed college (Autonomous), Trichirappalli-20.
- UGC sponsored national seminar on solid state physics and its applications organized by P.G and research department 08 physics, JMC (Autonomous), Trichy on 28th February 2018.
- Participated in one day workshop in the “Improving teaching practices –a strategic approach” organized by the I&AC of the college on 23rd June 2018.
- UGC sponsored Two days’ workshop on “professional development for academic leadership curriculum design” organized by curriculum development cell, JMC trichy-20. 18th and 19th January 2019.
- Participated in national seminar on advanced topics in physics (NSATP-19) organized by PG and research department of physics, JMC (Autonomous) Trichy on 6th march 2019.
- Participated in the Staff Enrichment Programme on “**Ownership Culture**” organized by IQAC, Jamal Mohamed College on 14th June 2019.
- Participated in the “**National seminar On Advanced Materials (NSAM’2020)**”, Organized by PG & Research department of physics, Jamal Mohamed College on 23rd January 2020

- Participated in the workshop on “**EDMODO ICT TOOL**” organized by IQAC, Jamal Mohamed College on February 4th, 2020
- 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.
- Participated a One Day Orientation programme on “Gender and Socialization” held at Department of Women’s Studies, Bharathidasan University, Khajamalai Campus, Trichy on 21-12-2022
- Has attended International Conference on “Recent Innovations in Materials Science and Spectroscopy (ICRIMS-2023)” Organized by PG & Research Department of Physics, Jamal Mohamed College on 10th January 2023

12. ONLINE PROGRAMMES (2020):

- Participated Online a one-day international conference on “Recent Trends On Material Science” organized by Department of Physics, Jamal Mohamed college, Trichy on 10.11.2020
- Participated Online- FDP on “Neutrino-An Elusive Particle” organized by Department of Physics, Jamal Mohamed college, Trichy on 16-11-2021
- Participated Online workshop -Material Science and Computational Methods International on organized by Department of Physics, Jamal Mohamed college, Trichy on 15-02-2022 to 16-02-2022
- Participated Two days Online- FDP on “Condensed Matter Physics” organized by Department of Physics, Jamal Mohamed college, Trichy from 24-01-2022 to 25-01-2022
- Participated FDP on “HAM Radio as Technical hobby for Social Service” organized by Department of Physics, Jamal Mohamed college, Trichy on 05-02-2022

13.Details of In-charge / Membership in committees for Autonomous programme implementation:

Programme implementation:

- Member – Board of studies.

Details of In-charge/ participation in extracurricular activities:

(NSS, NCC, Sport, Games, Voluntary association and Cultural activities)

- Tutor In-charge for III B.sc Physics (women)
- Drug Abolishers Association/UGC Say No to Drugs Advisor (2020-2023)

Signature of HOD

Signature of the staff

Date: