

**JAMAL MOHAMED COLLEGE (AUTONOMOUS)**

**TRICHIRAPPALLI.**

**DEPARTMENT OF PHYSICS**

1. **Name** : J SABNA ASHMI
2. **Date of Birth** : 21-10-1990
3. **Residential Address** : No,8/S2, Sheik Flat,  
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4. **Office Address** : Department of physics,  
Jamal Mohamed College(Autonomous),  
Trichy-20.  
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 8<sup>th</sup> September 2014 held at Jamal Mohamed College (Autonomous), Trichirappalli-20.
- Participated in the National Level Seminar in “Laser and its Applications-LAIA-2015” on 16<sup>th</sup> 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 10<sup>th</sup> 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 15<sup>th</sup> February 2017.
- Participated in the three days NLP-Based faculty empowerment programme on 17<sup>th</sup>, 19<sup>th</sup> and 20<sup>th</sup> 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 28<sup>th</sup> February 2018.
- Participated in one day workshop in the “Improving teaching practices –a strategic approach” organized by the I&AC of the college on 23<sup>rd</sup> June 2018.
- UGC sponsored Two days’ workshop on “professional development for academic leadership curriculum design” organized by curriculum development cell, JMC trichy-20. 18<sup>th</sup> and 19<sup>th</sup> 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 6<sup>th</sup> march 2019.
- Participated in the Staff Enrichment Programme on “Ownership Culture” organized by IQAC, Jamal Mohamed College on 14<sup>th</sup> June 2019.

- Participated in the ‘National seminar On Advanced Materials (NSAM’2020)’, Organized by PG & Research department of physics, Jamal Mohamed College on 23<sup>rd</sup> January 2020
- Participated in the workshop on “EDMODO ICT TOOL” organized by IQAC, Jamal Mohamed College on February 4<sup>th</sup>, 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 10<sup>th</sup> 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)
- Student's ExNORa Advisor 2020-still date

Signature of HOD

Signature of the staff

Date: