

JAMAL MOHAMED COLLEGE (Autonomous)

(College with Potential for Excellence)

Accredited with 'A' Grade by NAAC - CGPA 3.6 out of 4.0

Affiliated to Bharathidasan University

Tiruchirappalli - 620 020.



RESUME

PG & RESEARCH DEPARTMENT OF CHEMISTRY (SF-SHIFT –II)

- 1. Name** : Mrs. A.MUSHIRA BANU
- 2. Sex** : Female
- 3. Designation** : Assistant Professor in Chemistry
- 4. Date of Birth** : 30.06.1985
- 5. Address:**
- i. **Residential** : 74, Vannathi Street, Natharsha Palli Vasal,
Madurai Road, Tiruchirappalli - 620 008, Tamilnadu.
- ii. **Official** : Assistant Professor, PG & Research Dept. of Chemistry,
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6. Educational Qualification :

S.No.	Examination Passed	University / College	Year of Passing
1.	B.Sc. (Chemistry)	Holy Cross College, (Bharathidasan University), Trichy.	2005
2.	M.Sc. (Chemistry)	Bishop Heber College, (Bharathidasan University), Trichy.	2007
3.	M.Phil. (Chemistry)	St. Joseph's College, (Bharathidasan University), Trichy.	2010

7. Experience :

- i. **Undergraduate** - 04 years 7 months
- ii. **Postgraduate** - 04 years 7 months

8. Language Known : Tamil, English, Hindi & Urdu.

9. Areas of Specialization : Physical Chemistry, Organic Chemistry

10. Subjects Taught:

UG : Inorganic Chemistry, Physical Chemistry

PG : Organic Chemistry, Inorganic Chemistry and Physical Chemistry

11. Details of Papers Presented:

- i. Presented a paper entitled **“GREEN APPROACH TO CORROSION INHIBITION OF MILD STEEL IN ACID MEDIUM BY THE EXTRACT OF *ECBOLIUM LINGUSTRINUM* LEAVES”** in the International Conference on Chemical and Environmental Research (ICCER-2015), organized by PG & Research Department of Chemistry, Jamal Mohamed College, Tiruchirappalli, Tamilnadu. 17th December, 2015.
- ii. Presented a paper in the International Conference on **“Chemical and Environmental Research” (ICCER-2014)** organized by the PG & Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli held on 11th & 12th March 2014.
Title: Inhibition Action of Mild steel Corrosion in 1N HCl Solution using *Enicostema Axillare*

12. Details of Seminars / Conferences / Workshops Participated:

- i. Attended UGC sponsored State Level Seminar on **“Emerging Trends in Chemistry”** held on 9th March, 2006, at Jamal Mohamed College, Tiruchirappalli, Tamilnadu.
- ii. Attended a seminar on **“NANO PARTICLES-HORIZON 2006”** held on 6th & 7th October, 2006, by Department of Chemistry, National Institute of Technology, Tiruchirappalli, Tamilnadu.
- iii. Presented a Poster entitled **“Transmission Electron Microscopy of Nanomaterials”** organized by the Department of Chemistry, National Institute of Technology, Deemed University, Trichy, Date: 6th & 7th October 2006.
- iv. Participated in the State Level Seminar on **“New Vistas in Chemistry” (NVS-2012)** organized by the PG & Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli on the 4th & 5th January 2012.
- v. Participated in the National Level Conference on **“Current Scenario in Material Chemistry” (CSIMC-2015)** organized by the PG & Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli on the 09th & 10th February 2015.