

Jamal Mohamed College (Autonomous)

College with potential for Excellence
Accredited (3rd cycle) with 'A' Grade by NAAC
DBT Star Scheme & DST – FIST Funded
(Affiliated to Bharathidasan University)
Tiruchirappalli-20

RESUME

PG and Research Department of Chemistry (SF)



- 1. Name** : **Dr. H. Mohamed Kasim Sheit**
- 2. Designation** : Assistant Professor
- 3. Qualification** : M.Sc., M.Phil., Ph.D.,
- 4. Date of birth** : 12.06.1985
- 5. Address:**
- Office** : P.G & Research Department of Chemistry (SF),
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6. Educational Qualifications:

S.No.	Examination Passed	College / University	Year of Passing
1.	B.Sc. (Chemistry)	Jamal Mohamed College, (Bharathidasan University), Trichy.	2006
2.	M.Sc. (Chemistry)	Jamal Mohamed College, (Bharathidasan University), Trichy.	2008
3.	M.Phil (Chemistry)	Jamal Mohamed College, (Bharathidasan University), Trichy.	2009
3.	Ph.D (Chemistry)	Jamal Mohamed College, (Bharathidasan University), Trichy.	2018

7. Experience : **Undergraduate** : 10 Years 05 Months
: **Postgraduate** : 05 Years 05 Months

8. Areas of Specialization : Corrosion Inhibitors, Inorganic Chemistry

9. Languages known : Tamil & English

10. Subjects Taught:

Under Graduate/ Postgraduate : 1. Inorganic Chemistry
2. Organic Chemistry
3. Physical Chemistry
4. Analytical Chemistry
5. Applied Chemistry
6. Green Chemistry and Nanochemistry
7. General Chemistry

11. Teaching Experience:

- 2009-2011: Srinivasan College of Arts and Science (Affiliated to Bharathidasan University, Tiruchirappalli), Perambalur, Tamilnadu, India. (Handling Classes for Graduates and Post Graduates in Chemistry)
- 2011-2016: Institute of Road and Transport Technology (Affiliated to Anna University Chennai) Erode, Tamilnadu, India. (Handled Classes for B.E (Bachelor of Engineering) Graduates)
- 2016-Present: Jamal Mohamed College (Autonomous) (Affiliated to Bharathidasan University, Trichy) Tiruchirappalli, Tamilnadu, India. (Handling Classes for Graduates and Post Graduates in Chemistry)

12. **Research Area of Interest:** 1. Corrosion Inhibitors
2. Inorganic Metal Complex Synthesis
3. Synthetic Organic Chemistry

13. Projects Guided:

- ✓ **Guided project for 20 M.Sc students**

14. Additional Responsibilities:

- ❖ Served as Hotel Sub-Warden in Srinivasan College of Arts and Science, Perambalur from 2010-2011.
- ❖ Served as Exam cell Member in Srinivasan College of Arts and Science, Perambalur from 2010-2011.
- ❖ In-charge, Preparation of Department time table in Institute of Road and Transport Technology 2012-2016.
- ❖ Acted as Examiner for Anna University Chennai central Valuation.
- ❖ Acted as Assistant Examiner for Anna University Chennai central Valuation.
- ❖ Acted as Internal and External Examiner for Anna University Practical Examinations
- ❖ Acted as in-charge in the Department Store-Keeping (2016-2019)
- ❖ Member of question setting and valuation board in Jamal Mohamed College, Trichy and Bharathidasan University, Trichy.
- ❖ Acted as Internal and External Examiner for Bharathidasan University Practical Examinations in various Colleges.
- ❖ Acted as Evaluator for Central Valuation for Bharathidasan University, Trichy conducted in Jamal Mohamed College from 2015-2019.
- ❖ Handled Moral Instruction classes for various department men students in Jamal Mohamed College, Tiruchirappalli, India, from 2018 to 2020.

14. Details of Publications:

1. Asian Journal of Biochemical and Pharmaceutical Research 2017, 1(7) p. 43-49.
Title: Influence of Aceclofenac 100 mg on Corrosion Resistance of SS 316 L Immersed in Artificial Saliva

2. International Journal of Nano Corrosion Science and Engineering, 2017, 4(1) p.55-64.
Title: Corrosion behavior of 18 carat gold with artificial saliva in presence of Brufen 400 mg tablet
3. Innovations in corrosion and materials science, 2017, 2(7), p.1.
Title: Electrochemical behavior of 18 carat gold with artificial saliva in presence of Ciprofloxacin and Nimesulide tablets
4. International Journal of Scientific Engineering and Applied Science, 2017,4(3), p.1-9.
Title: Electrochemical behavior of 22 carat gold with artificial saliva in presence of aceclofenac 100 mg tablet
5. International Journal of Nano Corrosion Science and Engineering, 2016, 3(2), p.1-18.
Title: Influence of Ciprofloxacin on Corrosion Resistance of SS 316 L immersed in Artificial Saliva
6. International Journal of basic and applied research, 9(2), 438-450, 2019.
Title: *Abrus precatorius* leaf aqueous extract as a Corrosion inhibitor on Mild steel in 1.0 M HCl solution,

15. Details of Papers Presented:

1. Presented a paper on Corrosion resistance of 18 carat gold with artificial saliva in presence of Neuro Kind tablet in the “National conference on computational and experimental physics of functional materials (NCCEPFM-2016)” held at KSR College of Arts and Science, Tiruchengode-637 215 , on 16th & 17th December -2016.
2. Presented a paper on Electrochemical study of 18 carat gold with artificial saliva in presence of aceclofenac 100 mg tablet in the “International conference on chemical and environmental research (ICCER- 2017)” held at Jamal Mohamed College (Autonomous), Trichy - 20, on 7th January-2017.
3. Presented a paper on Corrosion resistance of 22 carat gold in artificial saliva In presence of Brufen 400 mg tablet in the “International conference on recent advances in the material Chemistry (ICRAMC - 2017)” held at SRM University, Kattankulathur, Chennai- 603 203 , on 15th – 17th February-2017.

4. Presented a research Paper entitled “Corrosion behavior of SS316 L with Artificial Saliva in presence of nurokind tablet” in National Conference on Biomaterials in Chemistry (BMC2017) at Madurai Kamaraj University, Madurai, on 12-13th April 2017
5. Presented a paper on Corrosion behavior of SS 18/8 with artificial saliva in presence of aceclofenac 100 mg tablet in the “National level seminar on Frontier areas in the Chemical Sciences (FACS - 2017)” held at VHNSN College (Autonomous), Virudhunagar -626 001, on 22nd & 17th June -2017.
6. Presented a paper on Corrosion resistance of SS 316 L in artificial saliva in presence of Brufen 400 mg tablet in the “International seminar on New perspectives in Science and Technology (INPST-2017)” held at ST.Antony’s College (Arts and Science for Women,Dindigul -626 005, on 11th October- 2017.
7. Presented a research Paper entitled “Corrosion resistance Ni-Ti Alloy with Artificial Saliva in Presence of Nurokind tablet” in National Seminar on Modern Trends in Chemistry at Sengamala Thayaar Educational Trust’s Womens College, Mannargudi, on 20th December 2017.
8. Presented a research Paper entitled “Corrosion behavior of SS18/8 with artificial saliva in presence of Deriphyllin Retard 150 mg and Nimsulide 100 mg tablets” in International Conference on Frontiers in Advanced Materials and their Applications at Bishop Heber College (Autonomous) on 09th January 2018
9. Presented a paper on Corrosion Resistance Of Ni – Cr Alloy With Artificial Saliva In Presence of Deriphyllin Retard 150 Mg And Mg Tablets” in the National Conference On Recent Developments In Chemistry (NCRDC-2018) held at Jamal Mohamed College (Autonomous), Trichy - 20, on 20th January-2018.
10. Presented a paper on Corrosion Resistance Of Ni – Cr Alloy In Artificial Saliva In Presence of Aceclofenac 100 Mg And Ciprofloxacin 500 Mg Tablets International conference on chemical and environmental research (ICCER- 2018)” held at Jamal Mohamed College (Autonomous), Trichy - 20, on 19th December-2018

11. Presented a paper on Corrosion Behaviour of Ni – Ti Alloy In Artificial Saliva In Presence of Aceclofenac 100 Mg And Ciprofloxacin 500 Mg Tablets” in the National Conference on Recent Trends in Chemistry of Materials (NCRTCM-2019) held at Bannari Amman Institute of Technology, Sathyamangalam, Erode on 11&12 October 2019.
12. Presented a research Paper entitled “Corrosion Resistance of SS 316L in Artificial Saliva in presence of Nimesulide 100 mg Tablet” in A state level seminar on Emerging Trends in Chemical Sciences -2K19 at GTN Arts College, Dindigul on 18th October 2019.
13. Presented a research Paper entitled “Corrosion Resistance of SS 18/8 In Artificial Saliva in Presence of Three Tablets” International Conference on Emerging Trends in Materials for Energy & Biological Applications (ICEMEBA-2020), held at M. Kumarasamy College of Engineering Karur, on 7th March 2020.
14. Presented a research Paper entitled “Electrochemical Study of Ni –Ti Alloy With Artificial Saliva in Presence of Dolo 650 Mg, Zinetac 150 Mg and Glycomet 500 Mg Tablets” International Conference on Emerging Trends in Materials for Energy & Biological Applications (ICEMEBA-2020), held at M. Kumarasamy College of Engineering Karur, on 7th March 2020.

16. Details of Seminars / Conferences / Workshops Participated:

1. Participated in the state level workshop on “Organic farming production” (An Entrepreneurship Programme) organized by PG and Research Department of Microbiology, Jamal Mohamed College (Autonomous), Tiruchirappalli on 27 and 28th January 2017
2. Participated a One Day State level Symphoria-17 Organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli on 31st January 2017

3. Participated in the three days NLP based Faculty Empowerment Programme organized by the IQAC cell, Jamal Mohamed college, Trichy on 17th , 19th and 20th June 2017.
4. Participated a One Day State level Symphoria-18 Organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli on 20th February 2018.
5. Participated a One Day Orientation Programme on Soft Skills Development Organized by Internal Quality Assurance Cell, Jamal Mohamed College (Autonomous), Tiruchirappalli on 22nd June 2018.
6. Participated in the Improving teaching practices – a strategic approach, organized by the IQAC cell, Jamal Mohamed college, Trichy on 23rd June 2018
7. Participated in UGC CPE sponsored Two day workshop on Professional Development for Academic Leadership in Curriculum Design organized by Curriculum Development cell, Jamal Mohamed college, Trichy on 18th and 19th Jan 2019.
8. Participated a One Day State level Symphoria-19 Organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli on 13th February 2019.
9. Participated in the Staff enrichment programme on ownership culture, organized by the IQAC cell, Jamal Mohamed college, Trichy on 14th June 2019
10. Participated “International Conference on Chemical and Environmental Research (ICCER-2020), conducted by the PG & Research Department of Chemistry, Jamal Mohamed College, Tiruchirappalli -20 during 01st January 2020.
11. Participated in the “Orientation Programme on MOOC’s and e-Learning”, Organized by the Department of Library, Jamal Mohamed (Autonomous) college, Tiruchirappalli, On 29th January 2020.

12. Participated a One Day State level “JAM CHEM FEST-2020” Organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), and Tiruchirappalli on 27th February 2020.
13. Participated Jury a One Day “NATIONAL SCIENCE DAY” Organized by, Jamal Mohamed College (Autonomous), and Tiruchirappalli on 28th February 2020.
14. Participated in the One day seminar on “Recent Advances in Chemical Sciences” (RACS-2020), Organized by the PG & Research Department of Chemistry, Urumu Dhanalakshmi College, Tiruchirappalli, On 02nd March 2020.

Trichy-20

(Dr. H. MOHAMED KASIM SHEIT)