

## RESUME (AS ON 06.04.2023)



1. Name of the Teacher with : Dr. M. SEENI MUBARAK  
2. Date of birth : 04. 05. 1965  
3. Address :

### OFFICE:

Department of Chemistry  
Jamal Mohamed College (Autonomous)  
Tiruchirappalli – 620 020

### RESIDENCE:

202 J.K. NAGAR - I  
KHAJAMALAI (PO)  
TRICHY – 620 023  
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4. Designation : Associate Professor  
5. Academic Qualifications :

EXAMINATIONS PASSED	UNIVERSITY	SUBJECT	YEAR	DIVISION/ GRADE/ MERIT
M. Sc.	Bharathidasan	Chemistry	1988	First Class
M. Phil.	Bharathidasan	Chemistry	1990	First Class
B. Ed.	Madras	Physical Sciences	1992	Third Class
Ph. D.	Bharathidasan	Chemistry	2008	Commended

### 6. Teaching Experience:

Courses Taught	Names of the Institutions	Duration			
		Nature of appointments	Years	Months	Days
B.Sc. and M. Sc. Chemistry	Jamal Mohamed College	Management	1	5	0
	C.Abdul Hakeem College	FIP-vacancy	0	8	0
	Islamia College	FIP-vacancy	1	10	28
	Jamal Mohamed College	FIP-vacancy	0	9	10
		Regular	06.08.1997	Till Date.	
M. Phil. Chemistry	Jamal Mohamed College	Regular	06.08.2004	Till Date	

- 7. Areas of specialization :**      **Physical organic and  
Synthetic Organic Chemistry**
- 8. Languages known :**      **Tamil and English**
- 9. Subject taught :**      **UG – Physical chemistry  
PG – Physical chemistry  
M. Phil. – Core paper**
- 10. Research Guidance :**      **Research Advisor (M. Phil. & Ph.D)  
Recognized by Bharathidasan University,  
Trichy - 23**

No. of Students Guided / Guiding		No. of students who obtained	
M. Phil.	Ph. D.	M. Phil.	Ph. D.
25	05	23	Nil

**11. Publication of Research articles:**

- Synthesis of 2,4 diphenyl -3-azabicyclo[3,3,1]nonan-9-ones.** *Indian J. Heterocyclic Chem.*, 18 (2008) 91..
- A new route to the preparation of spiroheterocyclic compounds,** *Der Chemica Sinica*, 2(1), 2011, 79.
- Synthesis, XRD and Biological studies of (2e)–2-(1h-indole-3-ylmethylidene) cyclohexanone.** *World Juornal of Pharmacy and Pharmaceutical Science (WJPPS)* ISSN: 2278-4357, Volume – 4, Issue – 1, 854 – 862, 2015
- Synthesis, characterization and antimicrobial studies of 7-ethyl-2,4-bis(4-methoxy-phenyl)-3-aza-bicyclo[3.3.1]nonan-9-one.** *World Journal of Pharmaceutical Research (WJPR)* ISSN: 2277-7105, Volume- 4, Issue- 2, 1042- 1045, 2015
- Synthesis, spectral characterization and biological study of 3-chloro-2,6-bis-(4-methoxyphenyl)3-methyl-piperidin-4-one.** *J.Environ.nanotechnol.vol.3, No.4*, 2014.
- Synthesis, 2D NMR and crystal structure analysis of piperidin-4-one derivatives,** *IJITEE*, Vol-3, Issue-10, Mar-2014
- Synthesis and antimicrobial activity of some naphthyl ether derivatives,** *Der Chemica Sinica*, 2011, 2 (2):52-57
- Synthesis and Characterization of new Spiro Heterocycles,** *Oriental Journal of Chemistry* 2011, Vol. 27, No. (1): Pg. 333-335.

9. **Synthesis Characterization and Antimicrobial Activity of N-nitroso-2,6-diphenylpiperidin-4-one semicarbazone**, IOSR Journal of Applied Chemistry (IOSR-JAC) e-ISSN: 2278-5736. Volume 8, Issue 6 Ver. I (Jun. 2015), PP 01-06
  10. **synthesis, characterization and antimicrobial studies of 2,6-bis(pyridine-2-yl)3,5-diphenylpiperidin-4-one**, (IJNCSE), ISSN: 2395-7018, 2(5), 360 – 367, December 2015
  11. **synthesis, characterization and antimicrobial studies of 3,3-dichloro-2,6-bis(4-nitrophenyl) piperidin-4-one**, (IJNCSE), ISSN: 2395-7018, 2(5), 368 – 374, December 2015
  12. **Influence of Aceclofenac 100 mg on Corrosion Resistance of SS 316 L Immersed in Artificial Saliva**. Asian Journal of Biochemical and Pharmaceutical Research 2017, 1(7) p. 43-49.
  13. **Corrosion behavior of 18 carat gold with artificial saliva in presence of Brufen 400 mg tablet**. International Journal of Nano Corrosion Science and Engineering, 2017, 4(1) p.55- 64.
  14. **Inhibition Action of Corrosion on Ni- Ti Alloy with Artificial Saliva In The Presence of Three Different Tablets**, Aegaeum Journal, 8(6), P.1311-1317, 2020.
  15. **Corrosion inhibition of mild steel in sodium chloride solution by Glutaric acid**, International Journal of Research, 7(6), P. 156 -183, 2020.
  16. **Anti-corrosive effect of tablets on ni-ti alloyin presence artificial saliva**, Bulletin of Environment, Pharmacology and Life Sciences. Special Issue (1), 549-556, 2022.
  17. **Anti-Corrosive Efficiency of Mild Steel in Sodium Chloride Solution Using 5-Acetyl-3-Phenyl-2, 6-Dipyridin-2-Yltetra-Hydropyrimidin- 4(1H)-1 Compound as an Inhibitor**, Journal of Bio- and Tribo-Corrosion (Springer) 8, Article number: 103 (2022)
- 12. Papers Presented:**
1. Presented a Paper entitled “**Synthesis, characterization of biologically activeN – Methyl 2,4,6,8 – tetraphenyl -3,7-diazabicyclo[3.3.1]-nonan-9-one.**”, at the UGCsponsored State Level Seminar on The New Vistas in Spectroscopic techniques organized by Dep<sup>s</sup>a<sup>r</sup>tment of Chemistry, Islamiah College, Vaniyambadi, Tamil Nadu, held on 12<sup>th</sup> and 21 Aug 2003.
  2. Presented a Paper entitled “**Synthesis, characterization and Biological study of some novel cyclic Mannich bases**”, conducted by Karnatak University, Dharwad on 23-27, Nov 2008.
  3. Paper presented in Jamal Mohamed College Topic on “**Synthesis of Novel piperidin-4-one; A 2D NMR studies**” on 4th - 5th January 2012, Tiruchirappalli – 20
  4. Paper presented in Jamal Mohamed College Topic on “**Synthesis, spectral characterization and biological study of 3-chloro-2, 6-bis-(4-methoxyphenyl)-3-methyl-piperidin-4-one**” on 11th & 12th March 2014

5. Paper presented in Jamal Mohamed College Topic on **“Single crystal X-ray diffraction study of 3-chloro-3-methyl-2,6-diphenyl-piperidin-4-one** on 11<sup>th</sup> & 12<sup>th</sup> March 2014
6. Paper presented in Jamal Mohamed College Topic on **“synthesis, characterization and antimicrobial Studies of 1-chloro-2, 4-bis (4-methoxy-phenyl)-3- azabicyclo[3.3.1]nonan-9-one** on 9<sup>th</sup> & 10<sup>th</sup> February 2015
7. Paper presented in Jamal Mohamed College Topic on **“synthesis, characterization and antimicrobial Studies of 2,6-bis(pyridine-2-yl)3,5- diphenylpiperidin-4-one** on 17<sup>th</sup> December 2015
8. Paper presented in Jamal Mohamed College Topic on **“synthesis, characterization and antimicrobial Studies of 3,3-dichloro-2,6-bis(4-nitrophenyl) piperidin-4-one** on 17<sup>th</sup> December 2015

### 13. Seminars Attended

1. Participated in the UGC sponsored “National Symposium on Recent Trends in Heterocyclic Chemistry” (NSRTTHC) conducted by PG and Research department of chemistry, Jamal Mohamed College, Tiruchirappalai-20, during 24 and 25 September 2004.
2. Participated in the UGC sponsored State level seminar on “Emerging Trends in Chemistry” conducted by PG and Research department of chemistry, Jamal Mohamed College, Tiruchirappalai-20, during 9 March 2006.
3. Participated in the seminar on “Advanced Topics in Chemistry” conducted by PG and Research department of chemistry, Jamal Mohamed College, Tiruchirappalai-20
4. Frontier Studies in Chemistry in Jamal Mohamed College, on 9<sup>th</sup> & 10<sup>th</sup> February 2010, Tiruchirappalli – 20
5. Participated UGC sponsored State Level Seminar on “Recent Trends in Chemical Research (RTCR-2010)” conducted by the PG & Research Department of Chemistry, Jamal Mohamed College, Tiruchirappalli -20 during 5<sup>th</sup> and 6<sup>th</sup> October 2010.
6. “Prospects In Chemistry” in Jamal Mohamed College on 11<sup>th</sup> March 2011, Tiruchirappalli – 20.
7. 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 4<sup>th</sup> & 5<sup>th</sup> January 2012.
8. National Conference on Current Trend in Chemistry Research (NCTCR-2013) in Jamal Mohamed College, on 27<sup>th</sup> & 28<sup>th</sup> February 2013, Tiruchirappalli – 20
9. Participated International Conference on Chemical and Environmental Research (ICCER-2014), conducted by the PG & Research Department of Chemistry, Jamal Mohamed College, Tiruchirappalli -20 during 11<sup>th</sup> and 12<sup>th</sup> March 2014.

10. Participated “Current Scenario in material Chemistry (CSIMC-2015)” conducted by the PG & Research Department of Chemistry, Jamal Mohamed College, Tiruchirappalli -20 during 9<sup>th</sup> and 10<sup>th</sup> February 2015.
11. Participated “International Conference on Chemical and Environmental Research (ICCER-2015), conducted by the PG & Research Department of Chemistry, Jamal Mohamed College, Tiruchirappalli -20 during 17<sup>th</sup> December 2015.
12. Participated in the one-day Workshop on “**The Role of a Teacher in the Present Scenario**” organized by the Internal Quality Assurance Cell, Jamal Mohamed College (Autonomous), Tiruchirappalli on 10<sup>th</sup> December 2016.
13. Participated “**International Conference on Chemical and Environmental Research (ICCER-2017)**”, conducted by the PG & Research Department of Chemistry, Jamal Mohamed College, Tiruchirappalli -20 during 7<sup>th</sup> January 2017.
14. Participated in the three day “**NLP – Based Faculty Empowerment Programme**” organized by the Internal Quality Assurance Cell, Jamal Mohamed College (Autonomous), Tiruchirappalli on 17<sup>th</sup>, 19<sup>th</sup> & 20<sup>th</sup> June 2017.
15. Participated “**National Conference on Recent Developments in Chemistry (ICRDC- 2018)**”, conducted by the PG & Research Department of Chemistry, Jamal Mohamed College, Tiruchirappalli -20 during 20<sup>th</sup> January 2018.
16. Participated “**International Conference on Recent Developments in Chemistry (ICRDC-2018)**”, conducted by the PG & Research Department of Chemistry, Jamal Mohamed College, Tiruchirappalli -20 during 19<sup>th</sup> December 2018.
17. Participated “**International Conference on Chemical and Environmental Research (ICCER-2020)**”, conducted by the PG & Research Department of Chemistry, Jamal Mohamed College, Tiruchirappalli -20 during 12<sup>th</sup> November 2020.
18. Participated “**2<sup>nd</sup> International Webinar on Microbes and Neoteric Research IWMNR-2020**” conducted by PG & Research Department of Microbiology, Jamal Mohamed College, Tiruchirappalli -20 during 22<sup>nd</sup> December 2020.
19. Participated “**Installation Function and National Youth Day celebration conducted**” organized by **STUDENTS' ExNoRA**, Jamal Mohamed College, (Autonomous) Tiruchirappalli-20, held on 12 January 2021.
20. Participated webinar on “**Emerging Materials For Solar Hydrogen Production**”, organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous) Tiruchirappalli on 27<sup>th</sup> July 2021
21. Participated in the FDP on “Prevalence of fluoride and its optical detection” Organized by PG and Research Dept. of Chemistry Jamal Mohamed College (Autonomous), Tiruchirappalli, on 24.01.2023.
22. Participated in the FDP on “Preparing of Winning Research Proposals” Organized by PG and Research Dept. of Chemistry Jamal Mohamed College (Autonomous), Tiruchirappalli, on 08.02.2023.

#### **14. Orientation course and refresher courses attended:**

Participated in the UGC sponsored orientation course conducted by Bharathidasan University, Academic staff college Trichy from 20.05.2000 to 16.06.2000.

Participated in the UGC sponsored refresher course in Chemistry conducted by Department of chemistry, Annamalai University, Annamalai Nagar from 22.11.1999 to 12.12.1999.

Participated in the UGC sponsored refresher course in Chemistry conducted by Department of chemistry, Annamalai University, Annamalai Nagar from 11.11.2002 to 01.12.2002.

Participated in the UGC sponsored refresher course in chemistry conducted by UGC-Academic staff college, Bharathidasan University, Trichy from 03.11.2003 to 23.11.2003

#### **15. Membership in committees for autonomous program implementation:**

- ❖ Served as Sub-Warden in the Khajamian Hostel, JMC, Trichy -20 (1997-1998)
- ❖ Acted as member of Academic Audit Council for Autonomy Programme
- ❖ Acted as member of Examination Committee for Autonomy Programme.
- ❖ Served as additional chief Superintendent in the autonomous central valuation.
- ❖ Served as Chairman in UG Board Central Valuation at Bharathidasan University

#### **16. Membership in academic bodies:**

- ❖ Acted as the CIA test in charge in the Department Administration for conducting mid semester and end semester tests of the college.
- ❖ Assist to conduct seminars and creative seminars and workshops in the Department of Chemistry.
- ❖ Acted as the Vice President of the chemistry association.
- ❖ Acted as the tutor in charge for the class.
- ❖ Member of the board of studies Department of chemistry Jamal Mohamed College.
- ❖ Member of the Prof. Ramasubbu Jeyaraman Science Foundation, Chennai.