

**DR. M. ABDUL RAHIMAN**

**I. General Information**

- a) Name of the teacher : **Dr. M. Abdul Rahiman**  
b) Designation : Associate Professor  
c) Department : Post Graduate studies in Chemistry  
d) Date of Birth : 28-06-1966  
e) Date of entry into service :12-08-1992

**II. Academic Qualifications**

<b>Exam Passed</b>	<b>Board/University</b>	<b>Subjects</b>	<b>Year</b>	<b>Devision/Grade Merits etc.</b>
B.Sc	Mangalore University	PCM	1988	First Class
M.Sc	Mangalore University	Chemistry	1990	First Class with distinction
Ph.D	Mangalore University	Chemistry	2003	-

**III. Teaching Experience**

<b>Courses Taught</b>	<b>Name of the University/College/Institution</b>	<b>Duration</b>
PUC	Government Science College, Hassan	12-08-1992 to 2002.
U.G B.Sc.	Government Science College, Hassan	12-08-1992 to 31-08-2007.
P.G. M.Sc Chemistry	Government Science College, Hassan	01-09-2007 to till date

**IV. Research experience and Training**

<b>Research Stage</b>	<b>Title of the work/thesis</b>	<b>University where the work was carried out</b>
Ph.D.	Studies on Synthesis, Characterization, Biological and Pharamacological Activities of Some Sydnone Derivatives	Mangalore
Research Guidance	Guided to students for their Project work of M.Sc. Course	-

**V. Research projects carried out**

<b>Title of the Project</b>	<b>Name of the funding agency</b>	<b>Duration</b>	<b>Remarks</b>
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Synthesis of some sydnone containing Mannich bases as potential Antibacterial and Anthelmintic agents	University Grants Commission	Two years	Project finished and one paper is published and presented in national seminar on this project
Studies on synthesis, characterization and biological activities of some sydnone-4-heterocycles	University Grants Commission	On going	Not completed

#### VI. Trainings

Sl. No.	Date	Training	Place
1	Three days training programme from 13-11-2003 to 15-11-2003	TQM and HRD Programme	Government Arts College, Hassan.
2.	One week training from 16-01-2006 to 21-01-2006	Student Counseling	NIMHANS , Bangalore
3.	Two days training on 1-03-2006 and 02-03-2006	Effective Teaching Methods	A.V.K. College Hassan
4.	15 days training from 26 <sup>th</sup> June to 8 <sup>th</sup> July 2006	Global Skill Enhancement Programme	Progeon at Infosys Leadership Institute, Mysore
5.	One week training from 02-07-2007 to 07-07-2007	Management of First Grade Colleges for Principals and Lecturers	Administrative Training Institute Mysore.
6.	One week Training from 07-03-2011 to 19-03-2011.	Training Needs Analysis	Administrative Training Institute Mysore.

#### VII. Conferences, seminars workshops etc attended

Sl. No.	Details of the Programme	Date:	Institution/Place
1.	Regional level symposium on Science Teaching and Education at Undergraduate Level-Past Experience and Future Directions	6-7 Oct 2005	St. Philomena College, Puttur
2.	State Level Seminar on Popularizing Basic Science Courses-A Modern	31Aug- I Sept.	Govt. Science College, Hassan

	Approach	2007	
3.	National Seminar on Nanotechnology-Past, Present & Future	04 April 2008	Kuvempu University
4.	State Level Conference on Emerging Trends in Medicinal Chemistry and Drug Designing	06-07 March 2009	S.D.M. College, Ujire
5.	State Level Seminar on Relevance of Chemistry in Contemporary Society	20 March 2009	P.E.S. College of Science, Arts & Commerce, Mandya
6.	National Conference on The Emerging Areas in Chemistry	31 July – 1 Aug 2009	University of Mysore
7.	State Level Seminar on Emerging Trends in Liquid Crystals & Coordination Compounds	21-22 Aug 2009	St. Philomena's College, Mysore
8.	State Level Seminar on Nano Chemistry-An Overview	10 Oct 2009	Govt. Science College, Hassan
9.	State level seminar on "Recent Techniques in Chemical Analysis"	23 April 2010	Hoysaleswara College, Arasikere
10.	State level seminar on Pedagogy through Information & Communication Technology	19 Feb 2011	Govt. Arts College, Hassan
11.	State level workshop on "Role of teachers in Human Rights and Educational Values"	11 <sup>th</sup> May 2011	Govt. Science College, Hassan
12.	State level conference on "Science and Technology for Societal Transformation"	19-20 Dec 2012.	Dayananda Sagar College of Arts, Science and Commerce, Bangalore.
13.	State level Seminar on "Scope of Learning Chemistry"	2 <sup>nd</sup> Feb 2013	IDSG Govt. College, Chikmagalur.
14.	National Symposium on "Recent Advances in Chemical Science"	30 <sup>th</sup> April 2013	Department of Chemistry, Mangalore University, Mangalagangothri
15.	State level Educational conference	10 <sup>th</sup> Nov. 2013	St. Philomena's College, Mysore
16.	State level seminar on "Modern Techniques in Chemical and Bio-chemical Analysis"	10 <sup>th</sup> Sept. 2014	A.V.K. College for women Hassan

#### VIII. List of Publications

1. Polish Synthesis and anti-inflammatory activity of 3-substituted-4-(3-aryloxymethyl-7H-S-triazolo[3,4-b][1,3,4]thiadiazin-6-yl)-sydnones  
*Polish J. Chem.*, **71**, (1997).1049
2. Sydnone Derivatives Part II: Synthesis, characterization and biological activity of 3-aryl-4-[2-(5-substituted-2-furfurylidene hydrazino)-4-thiazolyl]sydnones  
*Revue Roumaine de Chimie*, 45(1), (2000),71-75.
3. Indian Sydnone Derivatives Part III: Synthesis and pharmacological study of 3-aryl-4-[substituted piperonylidene hydrazine-4-thiazolyl]sydnones.  
*Indian J. Heterocycl. Chem.*, **9**, (2000),217-222.
4. Sydnone Derivatives Part IV: Synthesis of 3-aryl-4-(3-substituted pyrazolidene hydrazine-4-thiazolyl)sydnones as possible analgesic and anticonvulsant agents.  
*J. Saudi Chem. Soc.*, 4(3), (2000) 265-270.
5. Sydnone Derivatives Part V: Synthesis and pharmacological properties of some novel triazolothiadiazepines.  
*Indian J. Chem.*Vol. 41B, (2002)1712-1717.
6. Sydnone Derivatives Part VII: Synthesis of novel thiazoles and their pharmacological properties. *Arch. Pharm. Pharm. Med. Chem.*, 334, (2001) 263-268.
7. Indian Sydnone Derivatives Part-IX: Synthesis, characterization, antimicrobial and pharmacological activity of some Schiff and Mannich bases.  
*Indian J. Heterocycl. Chem.*, 12, (2003)241-244
8. Synthesis, characterization and biological activity of some triazinothiadiazine derivatives.  
*J. Heterocycl. Chem.*, 11, (2002) 287-290
9. Sydnone Derivatives Part-X: Synthesis, characterization and pharmacological activity of some novel Cyclohexenone and Indazolinones.  
*Indian J. Chem.*Vol. 42B, (2003).1141-1148
10. Synthesis, Characterization, Antimicrobial and Anthelminitic Activity of some Sydnone N- Mannich Bases.  
*J. Ind.Council Chem.*vol. 25, No.1, (2008) 10-14.
11. 3-(4-Methylphenyl)-4-[(thiosemicarbazono)methyl]-1,2,3-oxadiazol-3-ium-5-olate 1,4-dioxane hemisolvate,  
*Act Crystallographica E69*, 2013,0727
12. 1-[5-(2H-1,3-Benzodioxol-5-yl)-3-pyrazoline-1-yl]ethanone,  
*Crystallographica E69*, 2013,0726
13. Synthesis of 4-aryl-2-[3-srylsydnonylidine-4-hydrazono-]thiazoles as possible antimicrobial agents,  
*Asian Journal of Biochemical and Pharmaceutical Research*, 3(3), 2013, 17-24
14. **Synthesis, Characterization and antimicrobial Evaluation of 2-{(2E)-2-[(1-aryl-3-phenyl-1H-pyrazol-4-yl)methylidene]hydrazinyl}-4-phenyl-1,3-thiazoles**  
**Journal of Applicable Chemistry**, 3(3), 2014, 1282-1287.

#### Presentations in various Conferences/ Symposia

Synthesis and evaluation of biological activity of 4-[3-aryloxymethyl-7H-s-triazolo[3,4-b][1,3,4]thiadiazin-6-yl]-3-arylsydnones.

- Presented in 15<sup>th</sup> conference of Indian Council of Chemists held at B.S.A.M. University, Aurangabad, during October 24<sup>th</sup> to 26<sup>th</sup>, 1996
2. Synthesis and biological activity of 3-aryl-4-[substituted piperonylidene hydrazino-4-thiazolyl]sydnones  
Presented in 16<sup>th</sup> conference of Indian Council of Chemists held at Mangalore University, Mangalore, during December 28-30, 1997.
  3. Synthesis of some 3-arylaminomethyl-6-(3-arylsydnone)-8-aryl-1,2,4-triazolo-[3,4-b][1,3,4]thiadiazepines and their biological activity.  
Presented in 16<sup>th</sup> conference of Indian Council of Chemists held at Mangalore University, Mangalore, during December 28-30, 1997.
  4. Synthesis and pharmacological activity of 4-(arylsydnonyl)2-(4-arylhydrazono-3-methyl-5-oxo-2-pyrazolin-1-yl)-thiazoles.  
Presented 19<sup>th</sup> conference of Indian Council of Chemists held at Kuvempu University, Shimoga during November 28-30, 2000.
  5. Synthesis and pharmacological study of 3-substituted-6-(3-arylsydnonyl)-8-aryl-1,2,4-triazolo[3,4-b]1,3,4] thiadiazepines  
Presentd in 3<sup>rd</sup> National Symposium in Chemistry held at Punjab University, Chandigarh, during February 2-4, 2001.
  6. Solvent Free Reaction: Synthesis and pharmacological studies of some thiazolidinone derivatives of sydnones  
Presented in 10<sup>th</sup> National Conference on Surfactants, Emulsions and Biocolloids, held at North Eastern Hill University, Shillong, during October 3-5, 2001.
  7. Synthesis, Characterization, antimicrobial and Pharmacological Activity of Some Schiff and Mannich Bases.  
Presented in National Conference on Current Trends in Chemical Research held at Department of Chemistry, Mangalore University, during May 13-14, 2006.
  8. Solvent free Synthesis and characterization of some Schiff bases  
Presented in National conference on The Emerging areas in Chemistry held at DOS in Chemistry, University of Mysore during 31-7- 2009 and 1-08-2009.
  9. Synthesis, Characterization and Pharmacological Studies of Indazolinone Derivatives of Sydnones.  
Presented in International Conference on Current Trends in Chemistry and Biochemistry Current held at Central College Campus, Bangalore University, during December 18-19, 2009.
  10. Synthesis of some biologically active Pyrazoline Derivatives.  
National Conference on Social Relevance of Chemical Science held at Department of Chemistry, Kuvempu University, Shimoga, during March 26– 27, 2011.
  11. Synthesis, characterization and antibacterial activity of some pyrazoline derivatives.  
National Conference on Herbal Medicines in the Era of Globalization held at Sahyadri Science College, Shivamogga on 10-09-2011 and 11-09-2011.

12. Synthesis, Characterization and Antimicrobial studies of some novel indazolinone Derivatives  
Presented in International Conference on “Synthetic and Structural Chemistry” held in the Department of Chemistry, Mangalore University, Mangalagangothri, during December 8-10,2011
13. Synthesis of 4-aryl-2-[3-aryl sydnonlydine-4-hydrazono-] thiazoles as possible antimicrobial agents  
Presented in International conference on Recent Advances in Material Science & Technology held at Department of Chemistry, NITK, Surathkal, during 17-19<sup>th</sup> 2013
14. Synthesis and process development of 4-[(1, 2, 4 Triazole-1-yl) Methyl] benzonitrile.  
**Presented in** National seminar of Recent Advances in Chemical Biology held at Dept. PG. Studies in Chemistry, Govt. Science College Hassan, during March 15-16 2013.
15. Synthesis of 4-aryl-2-[1,3-diaryl-1H-pyrazoline-4-hydrazono-] thiazoles as possible antimicrobial agents.  
**Presented at** 32<sup>nd</sup> Annual National Conference of Indian Council of Chemists held at Department of Studies in Chemistry, Karnataka University , Dharwad ,on 28<sup>th</sup> -30<sup>th</sup> Nov. 2013.
16. Synthesis and Characterization of Schiff bases of some Pyrazole derivatives  
**Presented in** National Seminar on “ Principles and Applications of Molecular Spectroscopy” held at JSS College of Arts, Commerce and Science , Nanjangud on 7<sup>th</sup> & 8<sup>th</sup> March 2014.
17. Synthesis, Characterization and antimicrobial Evaluation of 1-substituted 4-(1,3-benzodioxol-5-yl)-6-aryl-1,2,4,5-tetrahydro-3*H*-indazol-3-ones  
Presented in National Conference on “Recent trends in Bioorganic Chemistry and its Application to Society” held at Sharada Vilas College, Mysore on 26<sup>th</sup> & 27<sup>th</sup> Sept 2014.
18. Synthesis, Characterization and antimicrobial Evaluation of 5-(aryloxymethyl)-*N*-[aryl methylidene]-1,3,4-thiadiazol-2-amine.  
Presented in National seminar on “present scenario of Chemical science and its Technological Perspective-2014 held at Dept. of Studies in Chemistry, Karnataka Science College, Dharwad on 10<sup>th</sup> and 11<sup>th</sup> Oct. 2014