



### Bio Data

1. **Name** : **Dr. More Dhananjay Hiranman**
2. **Designation** : **Professor and Head**
3. **Department** : **School of Chemical Sciences,**  
**Institution** : **North Maharashtra University,**  
**P. B. No. 80, Jalgaon - 425 001. (M.S.)**
- Email** : **dhmore@rediffmail.com**
4. **Date of birth** : **01/06/1967.**
5. **Nationality** : **Indian**
6. **Academic Qualifications:**

<b>DEGREE</b>	<b>BOARD / UNIVERSITY</b>	<b>SUBJECT (S)</b>	<b>YEAR</b>	<b>MARKS (%)</b>	<b>GRADE</b>
B.Sc.	Pune University, Pune	Chemistry	1989	62%	First
M.Sc.	Pune University, Pune	Organic Chemistry	1991	65%	First
SET	UGC	Chemistry	1995	Qualified	
Ph.D	NMU, Jalgaon	Chemistry	Dec. 2004		
<b>Title of Ph.D.: Application of Microwave Irradiation Techniques for the Synthesis of Biologically Active Compounds.</b>					

**7. Field of Research** : Synthesis of Bioactive Heterocyclic Compounds and Azo Compounds, Green chemistry, Microwave Assisted Reactions and solid state reaction, medicinal chemistry, Phytochemicals.

**9. Teaching Experience** : 22 years

SR. NO.	DESIGNATION	COLLEGE / UNIVERSITY	DURATION
1.	Lecturer	Dr. A. D. G. Bendale Mahila Mahavidyalaya, Jalgaon	28/07/1992- 4/01/2000
2.	Sr. Lecturer	North Maharashtra University, Jalgaon.	5/01/2000 - 7/08/2010
3	Professor	North Maharashtra University, Jalgaon.	Since 8/08/2010

**Research Projects:**

**Projects supervised**

**A] Completed :**

1]	Title of the project	:	Application of Microwave Irradiation Techniques for the Synthesis of Biologically Active Compounds.
	Principal Investigator	:	Dr. D. H. More
	Amount sanctioned	:	Rs.12,000 /-
	Funding Agency	:	Minor Research Project- University Grants Commission, New Delhi.
	Period	:	2001- 2003 (2 Years)

2]	Title of the project	:	Design and Synthesis of Piperazines and Benzimidazoles as Potent Antifilarial Agents.
	Principal Investigator	:	Dr. D. H. More
	Co-Investigator	:	Dr. P. P. Mahulikar
	Amount sanctioned	:	Rs. 17,07,300/
	Funding Agency	:	Council of Scientific and Industrial Research (CSIR) Govt. of India, New Delhi.
	Period	:	2008 – 2011 (3 Years)

**B] Ongoing :**

1]	Title of the project	:	Evaluation of Antiulcer activity of Newer Benzimidazoles.
	Principal Investigator	:	Prof. D. H. More
	Amount sanctioned	:	Rs. 9, 14, 000 /-
	Funding Agency	:	University Grants Commission, New Delhi.
	Period	:	2011 – 2014 (3 Years).

**List of M.Phil. Students**

Sr. No.	Name of Research Student	Date of Reg.	Title of M.Phil.	Progress
1.	Mr. S. M. Koshti	2007	Synthesis and characterization and bioassay of Azo compounds	Awarded (June 2009)
2.	Mr. J. N. Sonar	2007	A Study of Antomicrobial Activity of Novel Piperazines	Awarded

**List of Ph. D Students :**

<b>Sr no.</b>	<b>Student Name</b>	<b>Title</b>	<b>Date of registration</b>	<b>Viva-voce date</b>
1	Mr. Atul Eknath Sonawane	Synthesis, Characterization And Bioassay Of 1, 4-Benzothiazine Compounds”	21/04/2006	15/02/2011
2	Mr. Shyam Maharu Bhosale	Development of Greener Methodology in Organic Synthesis	12/05/2008	08/06/2012
3	Mr. Yogesh Ashok Pawar	Synthesis, Characterization And Bioassay Of Nitrogen Compounds as a Bioactive agents.	21/04/2006	20/09/2012
4	Mr. Pramod Subhash Nagle	Synthetic Approach For Heterocycle Containing Thymol	26/09/2007	23/07/2013
5	Ms. Rita Pratap Mahajan	Evaluation of Antimicrobial Potency of Aqueous and Organic Extracts of Some Medicinal plants	12/05/2008	25/09/2013
6	Mr. Girish Bansilal Patel	Synthesis, Characterisation and Bioassay of Derivatives of Benzimidazole	21/04/2006	30/09/2013
7	Mr. Bharatkumar Murlidhar Sapkal	“Evaluation of Antimicrobial potency of Nitrogen Containing Heterocyclic Compounds”.	12/05/2008	Viva awaiting
8	Mr. Shivaji Madhukar Koshti	Synthesis and Characterization of Azo Compounds as a Prodrug of Some Therapeutic Compound.	20/01/2012	Working
9	Mr. Rahul Raghunath Mahire	“Design, Synthesis And Study Of Control Release of Some Prodrugs”	20/01/2012	Working
10	Ms. Deepika Sanjay Agrawal	Development Of Taste Masking Formulations Of Drugs.	06/ 5 /2013	Working
11	Mr. Devanand Kashinath Patil	“ Development Of Microencapsulation Formulations Of Some Biologically Active Agents”	06/ 5/ 2013	Working
12	Mr. Paresh Gopal Patil	Synthesis of biologically active compounds using eco-friendly Methodology.	23/ 8/2013	Working
13	Ms. Veena Ashok Uddhage	"Design And Synthesis Of Cationic And Anionic Sensing Agents And Used In Molecular Recognition."	06/ 5/ 2013	Working
14	Mr. Dilip Baliram Tayade	Docking Simulation, Synthesis and Biological Evaluation of Nitrogen Heterocycles.	06/ 5 /2013	Working

➤ **List of Papers Published in Journals:**

1. Microwave assisted one pot synthesis of N-substituted phenyl-4-thiophenyl-2-azetidiones as potent antimicrobial agents, **D. H. More**, N. S. Pawar and P. P. Mahulikar. *J. Sci. & Ind. Res.*, 62, 1024, 2003.
2. Microwave-assisted synthesis of thymyl ethers and esters in aqueous medium. **D. H. More**, S.L. Patil, N.S. Pawar & P. P. Mahulikar. *Russian journal of General Chemistry*, 74(2), 244-245, 2004.
3. Microwave assisted solvent-free o-alkylation and acylation of Thymol and Geraniol using fly ash as solid support. **D. H. More**, D.G. Hundiwale, U.R. Kapadi and P.P. Mahulikar. *J. Sci. & Ind. Res.*, 65, 817-820, 2006.
4. Microwave assisted rapid and efficient synthesis of aryl methyl ketones and keto esters using Meldrum's acid; **D. H. More** and P. P. Mahulikar. *Indian .J. Chem* 45(B), 823-825, 2006.
5. Fly ash supported synthesis of 2-mercaptobenzothiazole derivatives under Microwave irradiation; H. P. Narkhede, U. B. more, D. S. Dalal, N. S. Pawar, **D. H. More**, P. P. Mahulikar. *Synth. Commun.*, 37(4), 575, 2007.
6. Synthesis of Azo Compounds Containing Thymol Moiety; S. M. Koshti, J. P. Sonar, A. E. Sonawane, Y. A. Pawar, P.S. Nagle. P. P. Mahulikar and **D. H. More**; *Indian J. Chem.* 47(B), 329-825, 2008
7. Synthesis and Evaluation of Antibacterial and Antifungal Activity of phenyl 2-(3,4-dihydro-3 oxo-2H-benzo[b][1,4]thiazin-2-yl)acetate; A.E. Sonawane, Y. A. Pawar, P. S. Nagle, P. P. Mahulikar, D. D. Narkhede and **D. H. More**; *OCAIJ*, 5(2), 117 - 121, June 2009.
8. Synthesis of 1,4-benzothiazine compound containing isatin moieties as antimicrobial agent; A. E. Sonawane, Y. A. Pawar, P. S. Nagle and **D. H. More**; *Chinese J. Chemistry*, 27, 2049 -2054, 2009.
9. Microwave assisted synthesis of 1,4-benzothiazine esters; S. M. Bhosale, Y. A. Pawar, A. E. Sonawane, P. S. Nagle and **D. H. More**; *OCAIJ*, 5(3), 321 - 324, June 2009.
10. Evaluation of In vitro Antimicrobial activity of Phytochemicals and Extracts of *Enicostemma littorale*; R. P. Mahajan, S.M. Bharambe, P. P. Mahulikar, **D. H. More**.

*Journal of Pure and Applied Microbiology, Vol. 4 No. 1, 379-385, 2010.*

11. Microwave induced Synthesis of 1,4-benzothiazine bearing Azitedinone and Thiazolidinone Moieties; A. E. Sonawane, Y. A. Pawar, P. S. Nagle, S. M. Bhosale, P. P. Mahulikar and **D. H. More**; *Research Journal of Chemistry and Environment, 165-168, 2009.*
12. Ionic liquid prompted synthesis of schiff bases of vanillin in aqueous medium; S. M. Bhosale, Y. A. Pawar, A. E. Sonawane, P. S. Nagle, and **D. H. More**; *Research Journal of Chemistry and Environment, 247-48, 2009.*
13. Synthesis of 1,4- benzothiazine compound containing isatin moieties as antimicrobial agent; Y. A. Pawar, A. E. Sonawane, P. S. Nagle, P. P. Mahulikar and **D. H. More**; *International Journal of Current Pharmaceutical Research 3(3), 47-51, 2011.*
14. Synthesis , Characterisation and in silico studies of 2, 4, 6 trisubstituted pyridimine containing thymol as a Selective Adenosine A<sub>1</sub> Receptor Antagonists; P. S. Nagle, Y. A. Pawar, A. E. Sonawane, S. M. Bhosale and **D. H. More**; *Journal of Pharmaceutical Research 4(11). 2011.*
15. Synthesis and Evaluation of antioxidant and antimicrobial properties of thymol containing pyrimidones; P. S. Nagle, Y. A. Pawar, A. E. Sonawane, S. M. Bhosale and **D. H. More**; *Medicinal Chemistry Research, DOI 10.1007/s 00044-011-965-7.*
16. Microwave assisted one pot synthesis of Nitrogen and Oxygen containing heterocycles from acyl Meldrum's acid; **D. H. More** and P.P. Mahulikar; *Indian J. Chem. 50B, 2011, 745-747.*
17. Synthesis and biological evaluation of some new N-Substituted benzimidazoles containing tetrazoles moiety.; Girish B. Patel . Yogesh A. Pawar . Bobba. V. Sivakumar<sup>b</sup> and **Dhananjay H. More**. *Journal of Pharmaceutical Research 2011,4(9),3200-3202.*
18. Synthesis and *In Vivo* anti-inflammatory activity of some 4-aryl-5-cyno-6-methyls-3 substituted pyrimidines and 4-aryl-5-cyno-6-ethyl-3-substituted pyrimidines; **D. H. More** and B. M. Sapkal; *Journal of Pharmacy Research 2011,4(9),3200-3202.*
19. Evaluation Of Anticoagulant Activity Aqueous And Ethenolic Extracts And Their Isolated Phytochemicals Of Some Medicinal Plants; Rita Mahajan and **Dhananjay More**. *International Journal of Pharmacy and Pharmaceutical Sciences, Vol 4, Suppl 4, 2012.*

20. Synthesis and docking studies of 4-aryl-1-phenyl-1H-pyrazol-5-ylimino-2-methoxy phenyl acetate as antibacterial agents; Bharatkumar M. Sapkal and **Dhananjay H. More**. *Der Pharma Chemica*, 2013, 5(6):164-172.
21. Docking simulation, synthesis and biological evaluation of novel pyridazinone containing thymol as potential antimicrobial agents; Pramod Nagle, Yogesh Pawar, Atul Sonawane, Shyam Bhosale & **Dhananjay More**; *Med Chem Res* (18 January 2012 / Accepted: 26 July 2013) DOI 10.1007/s00044-013-0685-2.
22. Synthesis and characterization of benzimidazole derivatives by sonogashira coupling and evaluation of anthelmintic activity; G. B. Patel, R. R. Mahire and **D. H. More**. *Der Pharma Chemica*, 2013, 5(6):369-376.

#### **Proceedings of International /National Conferences:**

1. Knoevenagel Condensation: An Efficient Green Approach.  
Bhosale Shyam, Pawar Yogesh, Sonawane Atul, Nagle Pramod and **More Dhananjay**.  
International Conference on Chemical, Biological & Environmental Engineering (CBEE 2009), Singapore, 436 - 439.
2. International conferences on Chemistry and Environment Proceedings of ICCE-2009, Thailand: 247-249, (2009).

#### **Articles/Book:**

1. Microwave assisted organic Reactions - An integrated part of green chemistry.  
**D. H. More** and P. P. Mahulikar, *Chemical Weekly*, June 28, 2005
2. Fly ash: an economic and viable alternative stationary phase and column packing material for chromatography.  
N.S.Pawar, V.P.Nikumbh, D.S.Dalal, **D. H. More** and P. P. Mahulikar *Chemical Weekly*, March 15, 2005.

#### **Invited Lecture:**

1. Refresher course at Babasaheb Ambedkar Marathwada University, Aurangabad
2. Refresher course at UDCT, North Maharashtra University, Jalgaon

3. Orientation course at School of Chemical Sciences, North Maharashtra University, Jalgaon
4. Delivered lecture on MORE – Green Approach at State Level Conferences on “Recent Trends in Synthetic Reagent” at Sciences College, Shahada, (M.S.) India.  
Delivered lecture on Green Chemistry at State Level Conferences at Satana (Dist: Nasik).
5. Delivered lecture on Green Chemistry at State Level Conferences Kannad College.

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