

CURRICULUM VITAE

DR. MILIND KASHINATH PATEL



A)

Personal Information

Date of Birth : 23rd March 1964
Sex : Male
Marital Status : Married
Languages Known : English, Hindi, Marathi, Gujarathi

Correspondence Address

Dept. of Chemistry, PSGVP Mandal's
Arts, Sci & Comm. College, SHAHADA
Dist-Nandurbar 425409 (MS), India
Mob : 9421888176
E-mail : mkp_64shahada@rediffmail.com

Permanent Address

40, Bramhashrushti Colony,
Old Mohida Road, Shahada,
Dist. Nandurbar.(M.S.)

Academic Profile

Degree	University	Subject	Class	Year of Passing
Ph.D.	NMU, Jalgaon	Phytochemistry	A	2015
M. Phil.	NMU, Jalgaon	Organic Chemistry	A	1997
M.Sc.	Pune	Organic Chemistry	First	1988
B.Sc.	Pune	Chemistry	First	1986

Ph.D. THESIS TITLE

“Phytochemical and Microbial studies of *Abutilon indicum* leaves (Family -Malvaceae”).

M.Phil. THESIS TITLE

“Synthesis of flavanoids and study of their reactions”

B)

Professional Profile

☞ **Teaching Experience : UG– 29 years, PG– 28 years**

Organization Name	Designation	From Date	To Date
PSGVPM's ASC College, Shahada 425409 (MS)	Lecturer	27/11/1989	31/08/1998

Sangameshwar College, Solapur.	Lecturer Senior Grade	01/09/1998	30.06.2001
PSGVPM'S ASC College Shahada 425409 (MS)	Lecturer Selection Grade	01/07/2001	31/12/2005
PSGVPM'S ASC College Shahada 425409 (MS)	Associate Professor	01/01/2006	Till date

ACADEMIC AND ADMINISTRATIVE RESPONSIBILITIES

- Vice Principal, PSGVPM'S ASC College, Shahada since 1st August 2017.
- I/C Head, Dept. of Biotechnology , 2014-16
- I/C Head, Dept. of Mathematics and Statistics , March 2016 onwards
- Member Secretary, College Development Committee.
- Coordinator, IQAC Committee.
- Coordinator, NAAC Steering committee (3rd cycle-2017).
- Coordinator, UGC committee
- Coordinator, Remedial coaching scheme
- Coordinator, CPE and BSR Schemes.
- Member, Accreditation Committee of PSGVP Mandal, Shahada.
- Co-ordinator, ARC centre for M.Sc Centralised Admission by NMU, Jalgaon since 2012
- Co-ordinator, District level Yuvarang organized at PSGVPM College, Shahada on 29-1-2018
- Chairman, College Teachers and Non- Teaching Credit Society.
- Recognition as a Ph.D. Research Guide in Chemistry.
- Secretary, PSGVP Alumni Association
- NSS Program Officer, PSGVPM's ASC Shahada :NSS Unit (2002-05)
- Recognized Research Guide of JJTU University, Rajasthan
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📖 Professional Training/Courses attended

Name of the Course	Place	Duration	Sponsoring Agency
Orientation Course	Devi Ahilya University ,Indore	24-02-1992 to 17-03-1992	UGC
Refresher Course	Devi Ahilya University ,Indore	06-02-1995 to 25-02-1995	UGC
Refresher Course	Dr B.A.M. University, Aurangabad	04-09-2000 to 30-09-2000	UGC
Refresher Course	Dr B.A.M. University, Aurangabad	04-06-2002 to 25-06-2002	UGC
Orientation Course	NSS-TOC Ahmednagar College, Ahmednagar	01-11-2003 to 10-11- 2003	Ministry of Youth Affairs

BOOKS AUTHORED = 21

Sl. No	Title	Subject	Publisher	Year	Level at which recommended
1.	“Organic and Inorganic Chemistry” CH-112	Chemistry	Prashant pub, Jalgaon	June 2012	F.Y.B.Sc.
2.	“Organic and Inorganic Chemistry” CH-122	Chemistry	Prashant pub, Jalgaon 978-93-82414-25-4	June 2012	F.Y.B.Sc.
3.	“Practical Chemistry”	Chemistry	Prashant pub, Jalgaon	June	F.Y.B.Sc.

	CH-123			2012	
4.	“Organic and Analytical Chemistry”CH-232 (Sem III)	Chemistry	Prashant pub, Jalgaon 978-93-82414-83-4	June 2013	S.Y.B.Sc.
5.	“Organic and Analytical Chemistry” CH-242 (Sem IV)	Chemistry	Prashant pub, Jalgaon 978-93-82528-52-4	June 2013	S.Y.B.Sc.
6.	“Practical Chemistry”CH-203	Chemistry	Prashant pub, Jalgaon 978-93-82414-84-1	June 2013	S.Y.B.Sc.
7.	Organic Chemistry CH-353	Chemistry	Prashant pub, Jalgaon 978-93-84228-44-6	June 2014	T.Y.B.Sc.
8.	Organic Chemistry CH-363	Chemistry	Prashant pub, Jalgaon 978-93-85019-15-9	June 2014	T.Y.B.Sc.
9.	Organic Chemistry CH-309	Chemistry	Prashant pub, Jalgaon 978-93-84228-49-1	June 2014	T.Y.B.Sc.
10.	“Organic and Inorganic Chemistry” CH-112	Chemistry	Prashant pub, Jalgaon 978-93-85021-71-8	June 2015	F.Y.B.Sc.
11.	“Organic and Inorganic Chemistry” CH-122	Chemistry	Prashant pub, Jalgaon 978-93-85019-86-9	June 2015	F.Y.B.Sc.
12.	“Practical Chemistry” CH-113,CH-123	Chemistry	Prashant pub, Jalgaon 978-93-85021-78-7	June 2015	F.Y.B.Sc.
13.	“Organic and Analytical Chemistry”CH-232 (Sem III)	Chemistry	Prashant pub, Jalgaon	June 2016	S.Y.B.Sc.
14.	“Organic and Analytical Chemistry” CH-242 (Sem IV)	Chemistry	Prashant pub, Jalgaon	June 2016	S.Y.B.Sc.
15.	“Practical Chemistry” CH-203	Chemistry	Prashant pub, Jalgaon	June 2016	S.Y.B.Sc.
16.	Organic Chemistry CH-353	Chemistry	Prashant pub, Jalgaon	June 2017	T.Y.B.Sc.
17.	Organic Chemistry CH-363	Chemistry	Prashant pub, Jalgaon	June 2017	T.Y.B.Sc.
18.	Organic Chemistry CH-309	Chemistry	Prashant pub, Jalgaon	June 2017	T.Y.B.Sc.
19.	“Organic and Inorganic Chemistry” CH-102	Chemistry	Prashant pub, Jalgaon	June 2018	F.Y.B.Sc.
20.	“Organic and Inorganic Chemistry” CH-202	Chemistry	Prashant pub, Jalgaon	June 2018	F.Y.B.Sc.
21.	“Practical Chemistry” CH-103,CH-203	Chemistry	Prashant pub, Jalgaon	June 2018	F.Y.B.Sc.

CONFERENCES/WORKSHOP/SEMINAR

★ Organized = 02

1. Organizing Secretary, **UGC sponsored State Level Seminar RAIOSR-2007** at P.S.G.V.P.M's Arts, Commerce and Science College, Shahada on 20-21st Feb. 2007.
2. Convener: NET/SET workshop in Mathematical Sciences, 4th February 2018.

★ Presentations in Conferences = 16

1. **2017.** Session Chairman, National Conference on “Current and Emerging trends in Green Chemistry” held at RC Patel College, Shirpur on 18-19th Jan. 2017.
2. **2017.** Session Chairman, National Conference on “Nanomaterials synthesis” held at Dadasaheb Bhole College, Bhusawal
3. **2017.** “Microbial and Phytochemical investigation of *Abutilon indicum*”- Int. Conference on Nanotechnology: Addressing the convergence of Material Science, Biotechnology and Medical Science (IC-NACMBM-2017) at Centre for Interdisciplinary Research D.Y.Patil University, Kolhapur 9-11th Nov. 2017

4. **2016** “Synthesis and Antimicrobial evaluation of biologically active Anils synthesized from different Halo vinyl aldehydes of sub cyclic imides”- 4th International Congress Digitization in Research for Cultural, Commercial & Scientific Development at Hutatma Rajguru College, Pune on 8-9th Dec. 2016
5. **2015.** “Integrated Approaches for health in Ayurveda” - National Seminar on “Herbal Cosmetics-A safe effective Approach” at College of Pharmacy, Shahada on 3rd Oct.2015.
6. **2014.** “Review on Pharmacological Properties of *Abutilon indicum*” -National Symposium at Royal Society of Chemistry- West India Section (RSC-WIS) Symposium on “Frontiers on Advances in Chemistry and Technology” organized by NMU,Jalgaon- 11-12th Dec. 2015
7. **2015.** “A Novel method- CdS Thin film by SILAR method”- National Conference on “Chemical Synthesis of Nanomaterials and their Applications in Environment” at GTP College, Nandurbar.
8. **2014.** Synthesis and Charac. of 4,4’-(1E,1E)-2,5-dichloro-1-(4-sub phenyl)-1H pyrazole-3,4-diyl) bis (methane 1-yl-1 ylidine) bis (5pyridin 4-yl)-4H-1,2,4-triazole-3-thiol - 4th International Congress(ISC-2014) held at Pacific University, Udaipur, Rajasthan on 8th & 9th December 2014
9. **2014.** ‘HPTLC’ an important tool in standardization of herbal medical product: A review, National Conference at College of Pharmacy, Shahada on 3rd Oct. 2015.
10. **2013.** “Research Methodology in Chemistry” - National Seminar on “Research Methodology Presentation” at PSGVPM’s College of Pharmacy, Shahada, on 21st Sep. 2013
11. **2013.** “Recent advances in pharmacological studies of wild varieties of plants” - National Conference on “Recent emerging trends in Plant Sciences” at PSGVP M’s ASC College, Shahada on 6-7th Sep. 2013
12. **2013.** “Pharmacological aspects of aerial parts of *Abutilon indicum*” -National Conference on “Current Trends in Experimental Pharmacology” at PSGVPM’s College of Pharmacy, Shahada, Nandurbar on 14-15th Feb. 2013
13. **2012.** “Phytochemical and biological investigation of methanol extracts of *Abutilon indicum* leaves”, 3rd Biennial International Conference on New Developments in Drug Discovery from Natural Products and Traditional Medicines held at NIPER, Chandigarh (Punjab) during November 22-24, 2012.
14. **2010** “Phytochemical and Antibacterial studies of *Abutilon indicum*(L)Sweet leaves” Conference on Folk and Herbal Medicines(ICFHM-2010) at M.S Sukhadia University, Udaipur (Rajasthan) on 25-27th November, 2010
15. **2010** “Physical and Analytical Parameters of *Abutilon indicum*(L) Sweet leaves “Emerging trends in Chemistry and Chemical Research(ETCCR-2011)” at Zula Bhila Patil College, Dhule on 19-20th Feb. 2011
16. **2009** “Phytochemical investigation of leaves of *Abutilon indicum*”-University Level Research Festival“AVISHKAR-2009 at North Maharashtra University, Jalgaon on December 1st 2009.

 **Conferences /Seminars/Workshop attended/participated=41**

Sr. No	Name of the Seminar/ Conference/ Symposia Workshop, etc.	Sponsoring Agency	Place and Date
1	Participated in “Workshop of M.Sc. (II)-Organic Chemistry curriculum Designing”	UGC	Pratap College, Amalner on 9 th Feb.,2003
2	Attended Workshop on NSS Programme Officers	NMU	SSVPS’s Science College , Dhule on 12 th July, 2003
3	Attended two day “State Level Conference for NSS Programme Officers”	UGC	Mohol, Solapur on 3 –4 th August, 2003
4	Attended NSS Programme Officer	UGC	NSS-TOC Ahmednagar 1 -10 th Nov

	Orientation Course		2003
5	Participated in “NSS Leadership & Personality Development workshop”	NMU	North Maharashtra University , Jalgaon 22- 26 th June 2004.
6	National conference on “Recent trends in synthetic organic chemistry (RTSOC-2005)”	UGC	North Maharashtra University ,Jalgaon from 16 -17 th Dec.2005
7	State level seminar on “Recent Advancement in Organic synthetic reagent”	UGC	PSGVP Mandal’s ASC College, Shahada on 20 th Feb 2007.
8	National conference on “Development & Analysis of Drugs (DAD-2008)”	UGC	North Maharashtra University , Jalgaon on March 15 th 2008 .
9	State level seminar “Exploring Horizons in Microbial Biotechnology	UGC	PSGVP Mandal’s ASC College, Shahada on 16 th Feb 2008.
10	TY BSc Syllabus Restructuring in Chemistry	UGC	ASC College, Jamner on 1 st Feb. 2009
11	State level seminar on Recent Advances in Nano crystalline materials and Applications	UGC	PSGVP Mandal’s ASC College, Shahada on 6-7 th Feb 2009.
12	Work shop on New trends in Higher Education	UGC	PSGVP Mandal’s ASC College, Shahada on 1 st March 2009.
13	State level seminar on “Recent Advancement in Nanocrystalline Materials and Applications-2009”	UGC	PSGVPM’s ASC College, Shahada, Dist-Nandurbar on 6-7 th Feb. 2009
14	National Level Seminar on Nanotechnology	UGC	College of Pharmacy, Shahada on 19-20 th Sept.2009
15	Research Festival “Avishkar-2009”	UGC	NMU, Jalgaon on 1-2 nd Dec.,2009
16	National Level Seminar on “Green Chemistry and Environmental Pollution-GCEP-2010”	UGC	SSVPS Science College, Dhule on 16-17 th January, 2010
17	National Level Seminar on “Bio-Inoculants for sustainable Agriculture (BSA-2010)	UGC	PSGVPM’s ASC College, Shahada, Dist-Nandurbar on 16th February 2010
18	Workshop on “Drafting of M.Sc.-II Botany Syllabus ”	UGC	M.J. College Jalgaon on 27th April. 2011
19	State Level Seminar on “Emerging trends in Chemistry and Chemical Research(ETCCR-2011”	UGC	Zulal Bhila Patil College, Dhule on 19-20th Feb. 2011
20	Workshop on “Role of Chemistry in our lives”	UGC	PSGVPM’s ASC College, Shahada Dist-Nandurbar on 19-20 th Sept.2009
21	International Level Conference on Folk and Herbal Medicines (ICFHM-2010)	UGC	M.S Sukhadia University, Udaipur (Rajasthan) on 25-27th Nov., 2010
22	Resource person in Workshop for Upgradation of syllabus for XII Science(Chem.)	UGC	ASC college, Shahada (Nandurbar) on 20-22 nd June 2012
23	Participated in State Level Seminar on “Basics in Spectroscopy and Chromatography”	UGC	R. C. Patel College, Shirpur on 7 th Oct. 2012.
24	3 rd Biennial International Conference on New Developments in Drug Discovery from Natural Products and Traditional Medicines	UGC	NIPER, Chandigarh (Punjab) on 22-24 th Nov.2012
25	Participated in National Level Seminar	UGC	College of Pharmacy, Shahada on

	on “Current trends in Experimental Pharmacology”		14-15 th Feb. 2013.
26	“Workshop on Framing of syllabus at S.Y.B.Sc. Chemistry Syllabus at NMU ”	UGC	Arts, Science College, Nagaon, Dist-Dhule on 29 th Jan. 2013
27	National Level Seminar on “Recent emerging trends in Plant Sciences”	UGC	PSGVPM’s ASC College, Shahada Dist-Nandurbar on 6-7th Sept.2013
28	“Research Methodology Presentation”	UGC	PSGVPM’s College of Pharmacy College, Shahada Dist-Nandurbar on 21st Sep. 2013
29	National Level Seminar on “Animal Biodiversity and Recent Trends”	UGC	PSGVPM’s ASC College, Shahada Dist-Nandurbar on 6-7th Dec.2013
30	Workshop on “Syllabus framing in Chemistry for TYBSc. Chemistry”	UGC	GTP College, Nandurbar on 6th Jan 2014
31	International Level Conference on “Global Opportunities for latest developments in Chemistry and technology(GOLD-CT-2014)	UGC	NMU, Jalgaon on 6-8th Feb.2014
32	State Level Seminar on “Training for members of Credit Co-operative society”	UGC	Maharashtra state Co-operative Ltd,Pune on 26-28th Feb.2014
33	National Level Seminar on Chromatography: an effective tool for herbal drug standardization	UGC	PSGVPM’s College of Pharmacy ,Shahada Dist-Nandurbar on 12th April 2014
34	Workshop on “Reframing of the syllabus of M.Sc.(I) Organic Chemistry	UGC	SSVPS Science College, Dhule on 24th January, 2014
35	“4th International Science Congress- Global Research, Enhancement, Reforms and Commercialisation ”	UGC	Pacific University, Udaipur, Rajasthan on 8-9th Dec. 2014
36	“NAAC Awareness workshop under National Quality Renaissance (NQRI)	UGC	IQAC, NMU, Jalgaon on 23-24th March 2015
37	Herbal Cosmetics:” A safe and Effective Approach”	UGC	PSGVP Mandal’s College of Pharmacy on 3 rd Oct 2015.
38	Workshop on “Syllabus framing of SYBSc in Chemistry”	NMU	GTP College, Nandurbar on 16 th Feb. 2016.
39	Workshop on Onscreen Evaluation	NMU	PSGVPM’s ASC College,Shahada Dist-Nandurbar on 29 th Nov. 2016.
40	Workshop on “Syllabus framing of in Chemistry at T.Y.B.Sc.”	NMU	PSGVPM’s ASC College,Shahada Dist-Nandurbar on 25 th Feb. 2017.
41	Workshop on “Syllabus framing of TYBSc Chemistry”	NMU	SPDM College, Shirpur Dist-Dhule on 27 th Feb. 2017.
42	Workshop on “Syllabus framing of FYBSc Chemistry”	NMU	SPDM College, Shirpur Dist-Dhule on 27 th Feb. 2018.
43	Workshop on “Syllabus framing of M.Sc.(II) Chemistry”	NMU	SSVPS Science College, Dhule on 24th January, 2018

C)

Research Profile

- **Areas of research interest** : 1) Synthetic Chemistry
2) Phytochemistry

☞ Research Profile at a Glance

International Publications	National publications	Books			
06	01	21			
PUBLICATIONS					
Sl No	Title of paper	Authors	Name of Scientific Journal	Vol. pp Year	ISSN No
1	“Preliminary Phytochemical & Antibacterial Studies of <i>Abutilon indicum</i> leaves (Family: Malvaceae)”	M. K. Patel and A. P. Rajput	International Journal of Biotechnology and Bioengineering Research	2011, 2(1), 91–98.	2231-1238
2	“Chemical investigation and biological activity of phytoconstituents from methanol extract of <i>Abutilon indicum</i> leaves”	M. K. Patel and A. P. Rajput	Journal of Chemical and Pharmaceutical Research	2012, 4(8): 3959-3965.	0975 - 7384)
3	“Chemical Constituent and their Microbial Studies of the Petroleum ether extract of <i>Abutilon indicum</i> leaves”	M.K.Patel and A. P. Rajput	International Journal of Chemical and Analytical Science	2012, 3(11), 1590-94.	0976-1206)
4	Isolation and characterization of phytoconstituents from the chloroform extract of <i>Abutilon indicum</i> leaves (Family: Malvaceae)	M. K. Patel and A. P. Rajput	Asian Journal of Research Chemistry	2012, 5(11), 1375-80	0974-4169
5	Therapeutic significance of <i>Abutilon indicum</i> : An overview	M. K. Patel and A. P. Rajput	American Journal of Pharma Tech Research	2013, 3(4), 20-35.	2249-3387
6	Physical and Phytochemical Parameters of <i>Abutilon indicum</i> Leaves (Family- Malvaceae)	M. K. Patel and A. P. Rajput	American Journal of Pharma Tech Research	2015 5(2), 291-300.	2249-3387
7	Styrene-DVB Copolymers: Influence of Cyclohexanol and 1-Butanol on Matrix Structure	R. V. Patil, J.U. Chavan, M. K. Patel and A. G. Beldar	Chemical Science Review and letters	2017, 6(23), 2037-2041	2278-6783

• RESEARCH & DEVELOPMENT PROJECTS UNDERTAKEN = 02

Sl. No	Title of the Project	Funding Agency (Scheme)	Grant (Lacs)	Duration
1.	Phytochemical and microbial studies of <i>Abutilon indicum</i> leaves (Family – Malvaceae)” F. 47-769/09 (WRO)	UGC (WRO) (Minor Project)	1.3	2010-12
2.	“Synthesis of organic compounds using Alumina as solid support”. F-47-94/2002 / WRO dated 23-03-2002.		0.42	2002-04

RESEARCH GUIDANCE

Sr No	Name of Research Student	Title of the research topic	Date of Registration
1	Ms Neelima Borse	Heterocyclic Compounds	Under Process
2	Sachin Patil	Heterocyclic Compounds	Under Process

MEMBERSHIP Of Professional Associations

- 1) Life Member, International Science Congress Association
- 2) Life Member, Association of Chemistry Teachers

CO-CURRICULAR AND EXTENSION ACTIVITIES

APPOINTMENTS ON PARENT UNIVERSITY COMMITTEES

University Work Experience:

- 1) Worked as Area Co-ordinator for NSS during 2006-2007.
- 2) Member, Local Inquiry Committee (LIC) at 05 different colleges.
- 3) Member, Selection Committee (V. C. Nominee / Subject Expert).
- 4) Flying Squad (Chairman / Member) / Custodian / Senior Supervisor.
- 5) Paper Setter (Chairman / Member) / Moderator / Examiner

Examination committee

- 1). **Chairman**– Board of paper setters M.Sc. Organic Chemistry, 2009 to 2016
- 2). **Chairman**– Board of paper setters TYBSc. Organic Chemistry, 2014
- 3). **Chairman**– Board of paper setters SYBSc. Chemistry, 2013
- 4). **Chairman** – Board of paper setter & examiner in Organic Chemistry (M.Sc-Practical)
- 5). **External Senior supervisor** for conducting university examinations at various colleges in University area
- 6). Member on examination (evaluation, moderation, redressal) committees for FYBSc to TY BSc and M.Sc. Chemistry, NMU, Jalgaon

Syllabi Framing Committees

■ Chairman

- 1). Syllabi framing committee for M.Sc. Organic Chemistry (2015-16), NMU, Jalgaon
- 2). Syllabi framing committee for M.Sc. Organic Chemistry (2012-13)

■ Member

- 3). Syllabi framing committee for **FY to TYB.Sc. and M.Sc.** Organic Chemistry
- 4). Syllabi framing committee SYB.Sc Chemistry, 2012

Co-curricular Activities:

- 1) Worked as Programme Officer in National Service Scheme for 03 years (2003-2006).
- 2) Worked as Student Welfare Officer of the college for 03 years (2009-2012)
- 3) Worked as Associate NCC Officer of the college under 49 Bn NCC, Amalner (2006-2008.)
- 4) Worked as Chairman, Anti-Ragging Committee – 2014.

Extra-curricular Activities:-

- 1) Worked as Chairman, Gymkhana Committee from 2011-2017.
- 2) Worked as Student Council Member from 2009 till date.