

BIO-DATA

Name in full : DR. JADHAV UDDHAV MAGAN
Present Position : Associate Professor
P. S. G. V. P. Mandal's S I Patil Arts, G B Patel
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A). Academic Profile

Academic Qualification :

Sr. No.	Degree/ Diploma	University	Subject	Year	Class/ grade
1	B.Sc.	Poona	Chemisrry	1985	I
2	M.Sc	NMU. Jalgaon	Physical Chemistry	1987	II
3	M.Phil	NMU. Jalgaon	Chemistry	1997	A
4	Ph.D	NMU. Jalgaon	Chemistry	2014	A
5	MS-CIT	MKCL, Mumbai	Computer	2007	A

Thesis and Dissertation :

Ph. D. Thesis: "Studies on chemical synthesis and characterization of nanaocrystalline CdS, Ag₂S & CdS-Ag₂S thin films."

M. Phil Dissertation: "Physico-chemical investigation of distillery waste & their impact on soil & ground water."

Teaching Experience : UG: 30 years

PG: 20 Years.

Sr. No.	Name of the College	Position held	From	To
1	P.S.G.V.P.Ms College ,Shahada.Dist. Nandurbar (M.S.)	Asso. Professor	1988	Till date

Administrative Experience: Working as a MBA Coordinator for college center, YCMOU Nashik, Working in Time Table Committee, Exam Committee, Discipline Committee, Science Forum.

B). Research Profile

Areas of research interest : Chemistry

☞ **PG Teacher, M.Phil.-Ph.D. guide recognition by NMU, Jalgaon**

Subject	Letter/Ref. No.	Mode	Validity	University
Chemistry	NMU/11/PGR/Chem/1437 2 nd July 2012	By Paper	2011 on words	NMU Jalgaon
		By Research	-	

☞ **Books published = 00**

Sl. No	Title	Publisher	Year	UG/PG/Reference
1	Text Book of Biotechnology	Prashant Publication	2014	UG
2	Text Book of Environmental Chemistry	Prashant Publication	2015	UG

☞ **Publications of Research Papers = 07**

Sl No	Title of paper	Authors	Name of Scientific Journal	Vol. pp Year	Impact Factor
1.	Determination of Metals In the Distillery Waste By Inductively Coupled Plasma Atomic Emission Spectrophotometry & Flamephotometry ,	V. S. Shrivastva, U. M. Jadhav, V. P.Dhande.	Poll.Res	14(4):483-486(1995)	
2.	“Studies on Characterization of Nanocrystalline Silver Sulphide Thin Films Deposited by Chemical Bath Deposition (CBD) and Successive Ionic Layer Adsorption and Reaction (SILAR) Method”	U. M. Jadhav, S. R. Gosavi, S. N. Patel, R. S. Patil.	Archives of Physics Research 2011	2(2):27-35 (ISSN-0976-0970),	
3.	“Room Temperature Deposition of Nano crystalline CdS Thin Film by Successive Ionic Layer Adsorption and Reaction (SILLAR) Method.”	U. M. Jadhav, S. N. Patel and R. S. Patil.	Research Journal of Material Science	1(1) (2013) 21-25. ISSN 2320-6055	
4.	“Interconnected High Surface Area Fibrous Network of Chemically Grown CdS Films Towards Solar Grown CdS Films Towards Solar Cell Application.”	U. M. Jadhav, P. K. Baviskar, S.N.Patel and R. S. Patil.	Inverties Journal of Renewable Energy, 3 (1) 2013.	ISSN 2231-3419Jan.2013	

5.	“Chemical Synthesis of Nanocrystalline Silver Sulphide Thin Films for Solar Cell Application.”	U. M. Jadhav , S. N. Patel and R. S. Patil.	Inverties Journal of Renewable Energy,	3 (1) 2013. ISSN 2231-3419 March 2013	
6.	“Synthesis of Silver Sulphide Nanoparticals by Modified Chemical Route For Solar Cell Application”,	U. M. Jadhav , S. N. Patel and R. S. Patil	Research Journal of Chemical Science	3(7) (2013) 69-74.ISSN 2231-606X	
7.	“Structural, Optical and Electrical Properties Of Nanocrystalline Cadmium Sulphide (CdS) Thin Films Deposited By Novel Chemical Route.”, Indian Journal of Pure & Applied Physics.	U. M. Jadhav , M. S. Shinde, S. N. Patel and R. S. Patil.	Indian Journal of Pure & Applied Physics	vol.52 (2014) pp. 39-43.	0.77

Presentation in National & International Conferences

Sr. No	Name of the Seminar/ Conference/ Symposia Workshop, etc.	Name of the Sponsoring Agency	Place and Date
1	International Level Conference on “ Nanomaterials and Application-2008”	UGC	Shivaji University, Kolhapur 9-11 th . Dec.2008
2	Research Festival “Avishkar-2009”	UGC	NMU, Jalgaon on 1-2 nd Dec.,2009
3	International Level Conference on Laser and Advanced Materials (ICLAM-2010)	BCUD Pune	Abasaheb Garware College Pune on 06-08 th . March 2010.
4	State Level Seminar on “Emerging trends in Chemistry and Chemical Research(ETCCR-2011”	UGC	Zulal Bhila Patil College, Dhule on 19-20th Feb. 2011
5	National Level Conference on Nanomaterials, Industrial Polymer and	UGC	N.M.University,Jalgaon on 18 th . Feb.2012

	Eco-Friendly Coating – Perspective and Challenges.(NIPEC – 2012)		
6	National Conference on Nanostructures and Nanomaterials	UGC	N.M.University Jalgaon on 28 th . Mar 2012.
7	National Level Seminar on“ Advances In Nanostructure Material And their Application”	UGC	A.S.C. College Taloda on 22-23 rd Jan.2013.
8	National Level Seminar on“ Advanced Materials And Its Applications”	UGC	Arts and Comm. College, Dondaicha on 1-2 nd . Feb. 2013.
9	National Level Conference on“ Recent Advances in Chemical Sciences and Technology”	UGC	N.M.University Jalgaon on 21 st . Sept.2013
10	International Level Conference on “Global Opportunities for latest developments in Chemistry and technology(GOLD-CT-2014)	UGC	NMU, Jalgaon on 6-8th Feb.2014

☛ Conferences /Seminars/Workshop attended/participated

Sr. No	Name of the Seminar/ Conference/ Symposia Workshop, etc.	Name of the Sponsoring Agency	Place and Date
1	Attended Workshop on M.Sc. Syllabus Restructuring in Chemistry	UGC	G.T.P.College Nandurbar on 30 th . Jan.1994
2	Participated in “Seminar in the Chemistry on the subject “ Environmental Pollution and its Control” and presented paper on “Study of Spent wash”.	UGC	A.S.C. College Bhadgaon, on 17 th Jan.,1997
3	Attended Workshop on Curriculum Designing In Chemistry: Theory Practicals For S.Y.B.Sc.	UGC	PSGVP Mandal’s ASC College, Shahada on 20 th . Dec. 1997.
4	Attended Workshop on T.Y.B.Sc Syllabus Restructuring in Chemistry	UGC	SSVPS College , Dhule on 10 th Jan, 2004
5	Attended Workshop on “AIDS awareness for NSS Programme Officers”	UGC	N.M.U.Jalgaon on 1 st Sept.2006
6	Attended Workshop on F.Y.B.Sc Syllabus Restructuring in Chemistry	UGC	P.O.Nahata College, Bhusawal 12 th Feb. 2007.
7	State level seminar on “Recent	UGC	PSGVP Mandal’s ASC College,

	Advancement in Organic synthetic reagent”		Shahada on 20 th Feb 2007.
8	Attended NSS Programme Officer Orientation Course	UGC	NSS-TOC Ahmednagar 22-3 st Aug 2007
9	State level seminar on “Exploring Horizon in Microbial Biotechnology”	UGC	PSGVP Mandal’s ASC College, Shahada on 16 th Feb 2008.
10	Participated in “NSS Programme officer workshop”	-	North Maharashtra University, Jalgaon 16-17 th May 2008.
11	Attended NSS Programme Officer Orientation Course	UGC	NSS-TOC Ahmednagar 12-17th march 2009
12	Attended District Level Workshop of NSS	-	Dhule 23-04-2008
13	State level workshop of University N.S.S Cordinators of Maharashtra	UGC	Toranmal on 16-17 th May 2008
14	State Level Seminar on “ Global Warming, Climate Change and Future impact”	UGC	SPDM. College Shirpur on 31 st . Jan 2009.
15	TY BSc Syllabus Restructuring in Chemistry	UGC	ASC College, Jamner on 1 st Feb. 2009
16	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.
17	Workshop on New Trend In Higher Education	-	PSGVP Mandal’s ASC College, Shahada on 01-03-2009.
18	National Seminar on Nanotechnology “ Revolution in Controlled Targated Drug Delivery”	APTI	PSGVP Mandal’s College of Pharmacy 19-20 th . Sept. 2009
19	Workshop on “Role of Chemistry in our lives”	UGC	PSGVPM’s ASC College, Shahada Dist-Nandurbar on 19-20th Sept.2009
	National Level Seminar on “Bio-Inoculants for sustainable Agriculture(BSA-2010)	UGC	PSGVPM’s ASC College, Shahada, Dist-Nandurbar on 16th February 2010
20	National Level Seminar on Gandhi Thought : The only Solution For Corruption & Terrorism	UGC	23-23th. Dec. 2011
21	National Level Seminar on “Recent Advances In Polymer Sciences	AUPPC	PSGVP Mandal’s College of Pharmacy on 24-25 th . Feb.2012
22	Attended Workshop on Research Methodology	-	PSGVP Mandal’s ASC College, Shahada on 28 th . Feb. 2012.
23	Attended Workshop on F.Y.B.Sc. syllabus framing in chemistry.	UGC	G.T.P.College, Nandurbar on 27 th . March 2012.

24	Participated in State Level Seminar on “Basics in Spectroscopy and Chromatography”	UGC	R.C.Patel College, Shirpur on 7 th Oct. 2012
26	National Level Seminar on “ Current Trends In Experimental Pharmacology”.	UGC	PSGVP Mandal’s ASC College, Shahada on 14-15 th . Feb. 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	National Level Conference on “Animal Biodiversity and Recent Trend in Zoological Research”	UGC	PSGVP Mandal’s ASC College, Shahada on 6-7 th . Dec.2013
29	Workshop on Syllabus Framing In Chemistry.	UGC	SPDM. College Shirpur on 04 th . Dec 2013.
30	Workshop on Syllabus Framing In M.Sc.I Inorganic Chemistry.	UGC	Pratap a college Amalner on 18th. Feb. 2014.
31	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
32	Workshop For Study Co-ordinators MBA- General Programme	YCM	YCM open Uni. Nashik on 22 nd . Jan. 2015
33	Workshop on Re structuring Of Syllabus In Physical Practical at M.Sc.I	UGC	SPDM. College Shirpur on 10 th .July 2015.
34	Herbal Cosmetics:” A safe and Effective Approach”	UGC	PSGVP Mandal’s College of Pharmacy on 3 rd Oct 2015.
35	Recent Advances in Novel Drug Analysis	NMU	PSGVP Mandal’s College of Pharmacy on 5 th Oct 2016.
36	Current and Emerging trends in Green Chemistry	UGC	R.C.Patel College, Shirpur on 18-19 th Feb.2017
37	Workshop on Syllabus Framing of Chemistry at T.Y.B,Sc.	NMU	PSGVPM’s ASC College, Shahada Dist-Nandurbar on 25 th Feb.2017
38	Syllabus Framing Workshop of Chemistry at T.Y.B,Sc.	NMU	SPDM. College Shirpur on 27 th Feb 2017.

☞ **R & D Projects (Minor/Major Research Project)**

Name(s)	Funding Agency	Title of the project	Duration (Year)	Amount (. Lakhs)	Status
U.M.Jadhav	UGC	“Effect of pesticides and fertilizers on soil and ground water”. Rs. 37,000 /- F-47-83/2002 / WRO dated 30-03-2002. (2002-04)	2002-2004	37000/-	Completed
U.M.Jadhav	UGC	“Characterization of chemically deposited Nanocrystalline CdS and Ag ₂ S Thin Films for Photovoltaic application”. Rs. 1,30,000/- F. 47-829/09(WRO) dated 22-9-2009.	2009-2011	1,20000/-	Completed

C) Extra-curricular Activities :- Working as a MBA Coordinator for college center, YCMOU Nashik, Working in Time Table Committee, Exam Committee, Discipline Committee, Science Forum.

Date: 05-03-2017

(Dr. U.M.Jadhav)