

Digras Vibhagiya Shikshan Prasarak Mandal's
B.B. ARTS, N.B. COMMERCE & B.P. SCIENCE COLLEGE, DIGRAS,
DIST-YAVATMAL



FACULTY PROFILE

PERSONAL DETAILS

1. Name : Dr. Vasant Keshavrao Jadhao
2. Designation : Associate Professor & Head of the Department
3. Department : Physics
4. Address : “Varsha” Krishna Park, Digras Dist. Yavatmal
5. Mob.No. : (+91)9822869690
6. EmailID : vkjadhao1967@gmail.com
7. Date of Birth : 15/09/1967

ACADEMIC QUALIFICATION

Qualification	University	Subject/Specialization	Year of Passing	Division/
B.Sc.	Amravati	Physics, Chemistry, Maths	1988	I
M.Sc.	Amravati	Physics	1990	II
M.Phil.	Amravati	Physics	2000	I
Ph.D.	S.G.B.A.U	Physics	2010	----

PROFESSIONAL EXPERIENCE

1. Teacher approval No. and Date: AU/6-B/A-2017/93 Dated 11/11/1993
2. Ph.D.NotificationNo.&Date: 08/2010 Dated 25/02/2010
3. Ph.D. Supervisor & Notification Date: Nil
4. Teaching Experience: UG: 27Years PG: Nil
5. Research Experience: 7 Years

RESEARCH EXPERIENCE

S.N.	Topic of the Research	Period	M.Phil./Ph.D.Status
1.	Ultrasonic velocity and surface tension from Flory's statistical theory	2 yrs	M.Phil. Completed
2.	Design and construction of high power copper vapour laser	5 yrs	Ph.D.Completed

ORIENTATION / REFRESHER COURSES COMPLETED

(A)

S.N.	Academic Staff College	Type of the course	Duration
1	Academic Staff College, Nagpur University, Nagpur	Orientation Programme	14/10/1996 to 07/11/1996
2	Academic Staff College, Nagpur University, Nagpur	Refresher Course	15/02/1999 to 10/03/1999
3	Academic Staff College, Jawaharlal Nehru University, New Delhi	Refresher Course	29/01/2001 to 23/02/2001
4	UGC-Refresher Centre, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Refresher Course	04/03/2005 to 24/03/2005
5	UGC-Academic Staff College, Sant Gadge Baba Amravati University, Amravati	Short Term Course	26/09/2011 to 01/10/2011

S N	Organised/Conducted by	Type of the course	Duration
1	N.S.S., T.O.C. Ahmednagar College, Ahmednagar held at P.K.V. Akola	Refresher Course for N.S.S Programme Officers	04-08//07/1995
2	N.S.S., T.O.C. Ahmednagar College, Ahmednagar	Orientation Course for N.S.S Programme Officers	20-29/08/1995
3	N.S.S., T.O.C. Ahmednagar College, Ahmednagar	Refresher Course for N.S.S Programme Officers	27-31/12/1995
4	N.S.S. Dept. Amravati University, Amravati	N.S.S. Programme Officers	13-15/09/1996

		Training Camp	
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RESEARCH PAPERS PUBLISHED

S N	Title	Journal	ISSN/ISBN No.
1	Effect of temperature on development of nano-scale chalcogenide thin films	International Journal of basic and applied research	ISSN 2249-3352
2	Intensity distribution across the output of copper vapour laser discharge	International Journal of basic and applied research	ISSN 2249-3352
3	Temporal evolution of output power in copper vapour laser	International Journal of basic and applied research	ISSN 2249-3352
4	Laser transition as a function of time for different initial inversion densities	Aayushi International Interdisciplinary Research Journal	ISSN 2349-638x Impact Factor 4.574 special Issue no 25
5	Characteristics any laser is the divergence of its output radiation which plays important role in the determination of photon flux	AJANTA	Volume VII, Issue –I Impact factor 5.5
6	Spectroscopic Studies of Cu (II) ion with 8-Hydroxy Quinoline Based Azo Dye	AJANTA	Volume VII, Issue –I Impact factor 5.5
7	Comparison of free length thermodynamically and acoustically of alpha-Alumina nano suspension in ethanol base fluid	International Journal of scientific Research in Science and technology	Online ISSN: 2395-602x
8	PH effects on zeta potential of ZnO nano-fluids to inspect stability and its antibacterial activities against E coli DH10B	J. Pure Appl. Ultron.42 (2020)	Vol. 42, No. 4 (2020)
9	Stability and thermal conductivity of SiC nano-fluids	International Journal for Science and Advance Research in Technology	Vol. 7 Issue I ISSN(ONLINE) 2395-1052

SEMINARS, CONFERENCES, WORKSHOP, SYMPOSIA ATTENDED

S.N.	Name of Activity	Level	Organized by	Duration
1	Workshop	University	Amolakchand College, Yavatmal	21-26/03/1994
2	Workshop	University	Lokmanya Tilak Mahavidyalaya, Wani	15-16/07/1995
3	Convention	National	Amolakchand College, Yavatmal	23-25/11/2001
4	Workshop	University	Amolakchand College, Yavatmal	26-27/11/2001
5	Workshop	University	Arts, Sci. & Commerce College Chikhaldara	17/08/2003
6	Conference	National	Department of Physics, Amravati University, Amravati.	28-30/01/2004

7	Symposium	National	I.A.C.S.Jadavpur, Kolkata	18-20/01/2006
8	Symposium	National	RRCAT, Indore	05-08/12/2006
9	Seminar	National	J. D. PatilSangludkar College, Daryapur	19/02/2007
10	Seminar	State	P. N. College, Pusad	03/01/2009
11	Conference	State	B.B.Arts,N.B.Com.&B.P.Sci. college, Digras	26-27/02/2009
12	Workshop	University	Vidyabharati Mahavidyalaya, Amravati	26/04/2009
13	Workshop	University	S.G.B.A.University,Amravati	18/12/2009
14	Conference	National	Vidyabharati College, Amravati	06 & 07/01/10
15	Seminar	National	P.N.College, Pusad	30/01/2010
16	Conference	National	ShankarlalKhandelwal College, Akola	26-27/02/2010
17	Conference	National	Arts, Commece and Science College, Arvi Dist. Wardha .	26-27/02/2010
18	Seminar	National	Shri. R. G. Rathod Arts & Science College, Murtizapur	03/12/2011
19	Conference	International	Shivaji9 University, Kolhapur	17-19/01/2012
20	Conference	National	M. M. College, Darwha	26-27/10/2012
21	Seminar	National	G. S. G. College, Umarched	21/09/2013
22	Conference	National	Bharatiya College, Amravati	10 – 11/01/ 2014.
23	Workshop	National	Shri. Shivaji Science College, Amravati	27-28/06/2014
24	Conference	National	Arts, Commerce & Science College, Maregaon(Road).	16/02/2015
25	Conference	National	Dr. Ambedkar College, Nagpur	23/02/2015
26	Workshop	State	Loknayak Bapuji Aney Mahila Mahavidyalaya, Yavatmal	10/08/2017
27	Workshop	University	Vidyabharati Mahavidyalaya, Amravati	12/08/2017
28	Conference	International	SSSKI Mahavidyalaya, Karanja Lad	01-02/02/2019
29	Conference	National	Gopikabai Sitaram Gawande Mahavidylalya, Umarched	05-06/03/2019
30	Conference	International	Arts, Commerce & Science, College, Maregaon (Road)	07-07/02/2021

BEST ACHIEVEMENTS

1. Nil

MEMBERSHIPS:

1. NUTA

DR.V. K. Jadhao

Associate Professor & Head,

Department of Physics

B.B. Arts, N.B. Commerce & B.P. Science College, Digras