

BIODATA

- **Name** Dr. Milind Madhukar Chaudhari
- **Qualification** M.Sc. Ph.D.
- **Designation** Professor
Dept. of Physics
Maharashtra Mahavidyalaya
Nilanga
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- **Permanent Address** Flat No. 8, Ajinkya Appartment
Save Wadi, Latur
- **Contact Number** 9423347179
- **Teaching Experience** 34 years
- **Academic Qualification**

Exam. Passed	Board / University	Year of passing	Percentage	Division
S.S.C.	Nagpur	April 1979	64	I
H.S.C.	Pune	April 1982	70.83	I
B.Sc.	Marathwada University, Aurangabad	April 1985	62	I
M.Sc.	Marathwada University, Aurangabad	April 1987	55.1	II
Ph.D.	Dr. B.A.M. University, Aurangabad	June 1996	--	--
M.S.C.I.T.	M.S.B.T.E. Mumbai	July 2005	96	--

- **Scholarships**
 1. Awarded by **Government of India Open Merit Scholarship** during 1982 to 1985 for three years.
 2. Awarded by **Daxina Fellowship** during 1985-86.
 3. Awarded as Best Teacher for the academic year 2016-17 by Maharashtra Shikshan Samiti, Nilanga.
- **Experience**
 1. Worked as a Lecturer in junior college at Yogeshwari Mahavidyalaya, Ambajogai from July 1987 to June 1988.
 2. Working as Professor in Physics in senior college at Maharashtra Mahavidyalaya, Nilanga since 25th August 1989.
 3. **Conducted industrial survey at Latur and Aurangabad to identify industrial skills as per the orders issued by the Honorable V. C. Dr.**

Pandit Vidyasagar of our university and submitted the report of the same, to university.

4. **Worked as Coordinator for the following skill enhancement courses** started under U.G.C.'s Career Orientated Courses scheme.
 - a. **Computer Hardware and Networking** since June 2010
 - b. **Offset Printing Technology** since June 2015
 5. **Worked as member of Board of Studies in Physics** in S.R.T.M. University, Nanded from 5th March 2012 to 31st August 2016.
 6. Worked as **Coordinator, since June 2010 to June 2022, for Earn and Learn scheme** implemented by the college to help needy and poor students of the college to continue their education.
 7. Worked as the **Nodal officer for B.Voc. courses since August 2018.**
 8. Worked as **NAAC Coordinator for the third cycle of NAAC.**
 9. Worked as **C.S., J.C.S., A.C.S., paper setter, examiner and moderator** in university examinations.
 10. Worked as **Centre Coordinator for MSCIT Authorised Training Centre at Maharashtra Mahavidyalaya, Nilanga** during April 2005 to April 2009.
 11. **Organised National Conference on Nanotechnology on 7-8 September 2012 at Maharashtra Mahavidyalaya, Nilanga**
 12. **Organised National Conference on "Role of I.C.T. in higher education of rural areas." on 8-9 August 2014.**
 13. Worked as **resource person at various conferences / workshops** at various colleges and also **delivered guest lectures for students** at various colleges.
- **Research Project**

Completed a minor research project in 2007, entitled **"Study of morphological transitions obtained during dehydration of aqueous solutions of some chemicals as a function of humidity."**
 - **Research Publications**
 1. R.P.C. of ground electronic states of AlH, AlC and AlCl, International Conference on Spectroscopy, B.A.R.C. Mumbai, January 1996, pp 54.
 2. Meteorological influences on the lower atmospheric Radon variations, National conference on Nanotechnology, 7-8 sept 2012, Maharashtra Mahavidyalaya, Nilanga, pp 3-10

3. Two Dimensional pattern formation obtained by natural dehydration as a function of humidity from aqueous solutions of Na_2SO_4 and NaCl , National conference on Nanotechnology, 7-8 sept 2012, Maharashtra Mahavidyalaya, Nilanga, pp 210-213
4. Target Synthesis of Metallo-Multilayers and Metal Clusters of transition of Iron family, Asian J. Research Chem. 7(3) March 2014, pp 321-322
5. Combination of potential functions, I.J.P.A.P. 34, 1996, pp 42-46
6. Determination of rotational temperature of AlO from $\text{B}^2\Sigma^+-\text{X}^2\Sigma^+$ system, Pramana, Vol. 66 No 3, March 2006, pp 597-600
7. Thermodynamic and acoustic properties of substituted ampicillin in aqueous ethanol at 303 °K, Hi-Tech Research Analysis, Issue XIII, Vol III, Feb to July 2017, pp21-26
8. Morphological Transitions as a function of humidity in two dimensional pattern growth from Aqueous Ascorbic Acid solutions, Universal Research Analysis, Issue XVI, Vol II, Mar – Aug 2018, pp 24-29.
9. Rotational temperature estimated from (0,0) band of $\text{B}^1\Sigma-\text{X}^1\Sigma$ system of MgO , Indo Global Researchers, Issue XI, Vol I, Nov 18 to April 19, pp 38-41
10. Rotational temperature estimated from (1,1) band of $\text{B}^1\Sigma-\text{X}^1\Sigma$ system of MgO , Indo Western Researchers, Issue XI, Vol I, Aug 18 to Jan 19, pp 35-38
11. Ultrasonic, Volumetric and Viscometric studies of substituted antibiotic Streptomycin in various percentage of aqueous ethanol, Interlink Research Analysis, Issue XIX, Vol III, Jan 19 to Jun 19, pp 15-23
12. Dissociation energy of ground electronic state of MgO , Interlink Research Analysis, Issue XIX, Vol IV, Jan 19 to Jun 19, pp 27-31
13. Verification of RPC scheme with the help of RPC's of some diatomic molecules, Universal Research Analysis, Issue XVIII, Vol I, Mar 19 to Aug 19, pp 48-56.
14. Effect of addition of antibiotic drug Ciprofloxacin on binary solvent aqueous solvent ethanol at 303 °K, Vision Research Review, Issue XV, Vol I, June 18 to Nov 18, pp 30-37.

- **List of Refresher / Orientation courses / Workshops / Seminars attended**

Course	Place	Duration / Date
Training cum service camp on maintenance of optical instruments	U.S.I.C. Dr. B.A.M. University, Aurangabad	23-7-1990 to 1-8-1990
Orientation Course	A.S.C Aurangabad	20-10-1992 to 7-11-1992
Refresher Course	A.S.C. Indore	27-02-1992 to 14-3-1992
Refresher Course	A.S.C. B.H.U. Banaras	30-9-1993 to 20-10-1993
International Conference on spectroscopy	B.A.R.C. Mumbai	3-5 January 1999
National Seminar on Recent Trends in physics and astrophysics	S.R.T.M.U. Nanded	13-14 February 1999
State Level Seminar on emerging trends in non conventional and renewable energy	R.S.M. Latur	8-9 October 1999
Refresher Course	A.S.C. Jammu	29-1-2001 to 17-2-2001
National Seminar on Physics of non conventional energy	R.S.M. Latur	26-27-11-2005
Seminar on Nuclear Energy for National Development	D.S.C. Latur	23-24 May 2009
State level workshop on Physics Education at graduate level, A Scientific Approach to Crisis and Remedial Solutions	D.S.C. Latur	5-12-2009 to 6-12-2009
International Conference on Emerging Trends in Computer Science, Communication and Information Technology	Yashwant Mahavidyalaya, Nanded	9-11 January 2010
Workshop on Rashtriya Dnyan Aayog	M.G.M. Ahamadpur	28-3-2010
University Level Workshop on New Framed Syllabi of Physics	Shri Shivaji College , Parbhani	6-10-2010
National Seminar on Physics of Material and Photonic Devices	R.S.M. Latur	16-17 March 2012
National Seminar on Science , Scientist and Society in 21 st Century	M.B.M. Latur	30-3-2012
National Conference on Nanotechnology	M.M. Nilanga	7-8 September 2012

National Seminar on Innovative Teaching Methods in Physics	Deogiri College, Aurangabad	30-31 August 2013
Regional Level Workshop on Role of NAAC in Quality Enhancement of Colleges from Rural Areas	M.M. Nilanga	22 February 2014
National Conference on Role of I.C.T. in higher education of rural areas	M.M.Nilanga	8-9 August 2014
Workshop on revised curriculum in physics	Sant Gadge Maharaj Mahavidyalaya, Loha	20-8-2014
Workshop on Reforms in higher education	S.R.T.M.U. Nanded, Subcentre Latur	26-11-2014
Workshop on B.Sc. S.Y. Physics syllabus structure	Gramin Mahavidyalaya, Vasantnagar	19-7-2017

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