

CURRICULUM VITAE

Dr. Amit Baburao Patil

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Dist:- Jalgaon State: Maharashtra

Phone:



Professional Synopsis

Twenty four years of experience in academia and research, backed by Ph.D (Physics) in 2010

Academic Details

Class	University	Subjects	Year	Division/Grade/Merit etc.
B.Sc.	NMU	Physics	1994	First Class with distinction (61.75%)
M.Sc.	Pune University	Physics	1996	First Class (57.25%)
M.Phil.	Alagappa university, Karaikudi (TN)	Physics	2008	Higher second class (59.20)
Ph.D.	N.M.U.	Physics	2010	Completed

Academic Experience

Sr.No	Designation	Name of Employer	Date of Joining	Date of leaving
1	Lecturer	Principal, Vasantrao naik college, Shahada	05/02/1998	15/02/2005
2	Lecturer	Principal, Pratap College, Amalner	16/02/2005	18/01/2006
3	Assistant Professor	Principal, Pratap College, Amalner	19/01/2006	05/12/2022
4	Associate professor	Principal, Pratap College, Amalner	06/12/2022	present

Orientation, Refresher & Training Programme

Sr. No	Name of the Course	Place	Duration	Sponsoring Agency
1	Orientation Course	Himachal Pradesh University, Shimla	23/02/2009 to 21/03/2009	ASC-UGC
2	Refresher Course in LASER Physics and Electronics	Devi Ahilya VishwaVidyalay (DAVV), Indore	28/10/2014 to 17/11/2014	ASC-UGC

3	Refresher Course in Information and communication technology	Rani Durgawati Vishwa Vidyalay (RDV), Jabalpur	09/03/2015 to 28/03/2015	ASC-UGC
4	Short Term Course in advances in nanoscience and nanotechnology	ASC college, taloda	22/12/2017 to 28/12/2017	ASC-UGC
6	Short Term Course in E-Content Development	Online	28/05/2020 to 03/06/2020	UGC-HRDC, Gujarat University

CAS Stages

Sr. No.	Stages	Designation	AGP (Rs)
1	Appointment 05.02.1998	Lecturer in Physics	--
2	Relaxation from NET/SET	On the basis of Ph.D. 30-08-2010	--
2	Stage I (18.11.2010 to 18.11.2014)	Assistant Professor	6000
3	Stage II (18.11.2014 to 18.11.2019)	Assistant Professor	7000
4	Stage III (18.11.2019 to 05.12.2022)	Assistant Professor	8000
5	Stage IV (06.12.2022 to till date) Level 13A	Associate Professor	9000

Administrative responsibilities

- Secretary of the physics seminar of the physics dept.
- Team Manager of Pratap College, Amalner in AVISHKAR Programme
- Rector of Pratap college, amalner
- Chaiman of discipline committee
- **PG teacher(by paper), M.Phil.(by paper/research) and Ph.D. .(by paper/research)**
(Letter No. NMU/11/PGR/Phy/2068/2019, dated 27th May, 2019).

Other Co-curricular and community services.:-

- Polling Officer 05
- NMU LIC committee Member: 03
- **PG Student Short Research Projects every year**

Research Publications :- 16

Personal Information

Date of Birth : 14th October 1974

Sex : Male

Caste:- Hindu Kunbi (OBC)

Marital Status : Married

Language Known : English, Hindi, and Marathi

Local Address : “Dadai”, Plot no 33,Ravi Nagar, Dhule Road,Amalner-425401
Dist:-Jalgaon State:Maharashtra

Institute Address

School Of Physical Science, Pratap College (Autonomous) Amalner,Dist. Jalgaon (MS) India

I hereby declare, that the above information and details provided by me are correct to the best of my knowledge.

Date:

Place: Amalner

Dr. Amit Baburao Patil

Sr. No.	Research Articles
1	“Growth and study of gel grown single crystals of Zinc iodate”

	<p>Amit B Patil and K. B. Saraf</p> <p>Asian Journal of Chemical and Environmental Research (AJCER)</p> <p>Volume-2 (1-2): Pages: 64-69, January-April 2009. ISSN No. 974-3049.</p>
2	<p>“Spherulites of Mercuric iodate grown by gel technique and its analysis”</p> <p>Amit B Patil and K. B. Saraf</p> <p>Asian Journal of Chemical and Environmental Research (AJCER)</p> <p>Volume-2 (3-4): Pages: 69-74, July-October 2009. ISSN No. 974-3049.</p>
3	<p>“Thermal study of gel grown Strontium iodate crystals”</p> <p>Amit B Patil and K. B. Saraf</p> <p>U.G.C. sponsored National conference on Recent Advances in Material Synthesis and Characterization-2011(NCRAMS-2011) organized by DDNB college, Bhusawal. January-2011, pages: 166-173.</p>
4	<p>“Thermal behaviour of mercuric iodate crystals grown by gel method”</p> <p>Amit B Patil J.B. Patwardhan and K. B. Saraf</p> <p>Asian Journal of Chemical and Environmental Research (AJCER)</p> <p>Volume-4(3-4): Pages: 46-50, July-October 2011. ISSN No. 974-3049.</p>
5	<p>“Thermal study of Zinc iodate crystals”</p> <p>Amit B Patil and K. B. Saraf</p> <p>Indian Streams Research Journal (ISRJ): An international journal.</p> <p>Volume-I, Issue-II March-2011, pages: 192-196. ISSN No. 2230-7850.</p>
6	<p>“Thermal behaviour of gel grown mercuric iodate crystals”</p> <p>Amit B Patil and K. B. Saraf</p> <p>Indian Streams Research Journal (ISRJ): An international journal.</p> <p>Volume-I, Issue-III April-2011, pages: 213-216. ISSN No. 2230-7850.</p>
7	<p>“Quantitative analysis of mercuric iodate crystals grown in gel”</p> <p>Amit B Patil and K. B. Saraf</p> <p>U.G.C. sponsored National Seminar on Advances in nano structured Materials And their Applications -2013(NSAMA-2013) organized by C.H.C. Arts, S.G.P. Commerce and B.B.J.P. Science College, Taloda. Dist- Nandurbar. January-2013, pages: 91-97. ISBN No. 978-93-82414-41-4.</p>
8	<p>“UV-VIS study of Strontium iodate crystals grown in gel”</p> <p>Amit B Patil</p> <p>Scholars Research Library (International)</p> <p>Achieves of Physics research-2013, 4(3): 19-22.</p>

	ISSN No. 0976-0970 CODEN(USA): APRRC7.
9	<p>“Study of optical property of gel grown mercuric iodate crystals” Amit B Patil International Organization of Scientific Research (IOSR) Volume-4, Issue-1, May-June 2013. Pages: 21-24. eISSN No. 2278-4861.</p>
10	<p>“Structural analysis of gel grown second group iodates” Amit B Patil International Journal of Modern Sciences and Engineering Technology (IJMSET) Volume-2, Issue-2(2015). Pages: 64-67. ISSN No. 2349-3755.</p>
11	<p>“FTIR study of second group iodate crystals grown by gel method” Amit B Patil International Organization of Scientific Research (IOSR) Volume-7, Issue-1, version-III, Jan-Feb 2015. Pages: 06-10, eISSN No. 2278-4861.</p>
12	<p>“Optical band gap energy of Zinc iodate crystals grown in gel” Amit B Patil Intellectuals Society for Socio-Techno (ISST) welfare journal of applied physics. Volume-6, No.-1 (Jan-June 2015), pages: 1-3. ISSN No. 0976-903X.</p>
13	<p>“Optimized growth conditions of some gel grown second group iodate crystals” Amit B Patil Journal Of Engineering Sciences (JES), UGC care approved group II Journal. Volume-11, Issue-04, April-2020. Pages: 1230-1234. ISSN No. 0377-9254.</p>
14	<p>“FTIR study of gel grown second group iodate crystals” Amit B Patil International Journal of Grid and Distributed Computing (IJGDC). Pages: 227-235. ISSN No. 2005-4262 IJGDC.</p>
15	<p>“XRD study of some gel grown second group iodate crystals” Amit B Patil An international multidisciplinary quarterly research journal “Ajanta”. Volume-IX, Issue-II, April-June-2020. Pages: 98-103. ISSN No. 2277-5730. Peer reviewed referred and UGC listed journal. (Impact factor- 6.399).</p>
16	<p>“Study of growth of lead iodide crystals by gel method and effect of various parameters” S.K. Nerkar, Dr A P Manke and Dr Amit B Patil “Research Journey” international E-research journal. Issue- 294(B): Multidisciplinary issue (peer reviewed journal), May-2022. Pages: 147-150. E-ISSN No. 2348-7143 (Impact factor- 6.625).</p>