

Curriculum Vitae

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Personnel Profile:

Date of Birth: 20th May 1965

Department: Department of Physics, Dada Patil Mahavidyalaya, Karjat

Research Guide: Physics

Research Center: Department of Physics, Dada Patil Mahavidyalaya, Karjat Dist-Ahmednagar

Research Specialization/Interest: Materials Science, Energy Cutting Issues.

Educational Details:

Sr. No.	Qualification	Name of Degree	University	Special Subject	Year of Passing	Grade
1	Graduation	B.Sc.	University of Pune	Physics	1985	A
2	Post-Graduation	M.Sc.	University of Pune	Physics	1988	A
3	M.Phil./Ph.D.	Ph.D.	Y.C.M. Open University, Nashik	Physics	2008	Awarded
5	Any Other	B.Ed.	University of Pune	Maths and Science	1995	A

Experience/Service Details:

Sr. No.	Post	Name of Institute/College	University	Period of Service	Total Period of Service
01	Lecturer	Dada Patil Mahavidyalaya, Karjat, Dist- Ahmednagar	S.P. Pune University, Pune	1989	31 Years
02	Associate Professor	Dada Patil Mahavidyalaya, Karjat, Dist- Ahmednagar	S.P. Pune University, Pune	2016	

Teaching Experience:

Undergraduate: 31 Years, **Post-Graduate:** 06 Years

Teaching Program Attended:

Sr. No.	Title	Organizing Institute	Period
01	Advanced Concept For Developing Moocs	Ramanujan College, University of Delhi	02July-17July 2020
02	Learning Physics Through Simple Experiments	IIT Kanpur	02 April-10 June 2020
03	Stay Home Enjoy Physics	IAPT& GUJCOST, Gujarat	06 April -12 April 2020
04	Online E-content development course	V e-learning Institute Nashik.	21 April-28 April 2020

Position Held/Chairman/Member on different committee college/Institute/Association

Sr. No.	Position		Period
01	Life Member	Indian Association of Physics (IAPT)	Lifetime
02	Co-ordinator	IQAC, D. P. College, Karjat	2012-19
03	CAP Director	F. Y. B.Sc. Examination	2012-17
04	Chairman	Science Association	2010-12
05	Chairman	Admission Committee D. P. College, Karjat	2012-19
06	Member	Curriculum Design Committee, BoS of Physics, SP Pune University(2013)	(2013)
07	Chairman	Curriculum Design Committee, BoS of Physics, SP Pune University (CBCS -2019) (T.Y. BSc. SSP)	(2021)
09	Coordinator	Alumni Association, Dada Patil Mahavidyalaya, Karjat	2021
10	Vice Principal (Science Faculty)	Rayat Shikshan Sanstha's, Dada Patil Mahavidyalaya, Karjat, Dist- Ahmednagar	2022

Other:

1. Remedial Coaching – Lecturer
2. Short Term Course- Lecturer
3. Moderator and Paper Setter- S. Y. and T.Y. B. Sc.
4. Fund Collection and donation
5. Member Syllabus Frame working: T.Y.B.Sc. CBCS 2019 pattern

Extension Activity Participation

01	Resource Person/Expert	New Gurukul English School, Karjat	Lecture on C.V. Raman and his Biogrphy
02	Resource Person /Expert	Rayat Vigyan Parishad, Satara	Research Article Writing , Editing Workshop for Highschool teacher
03	Resource Person	Dada Patil Mahavidyalaya Karjat	Recent Trends in Information Technology

Book/ Book Chapter Published

Sr. No.	Title of Book/Book chapter/	ISSN/ISBN No.	Publishing Year
01	Chapter: Effect of different detergents on surface tension of water. Publisher: Book: Theory, Perspective and Practices Across Disciplines.	ISBN 978-93-5619-925-5	01/04/2022
02	Book: Thin Film Technologies and It's Novelties in Material Science Publisher: Bhumi Publisher, Kolhapur Chapter: Primary Results of LPG Sensing on Polypyrrole Sensing. (Pg 98-104)	ISBN: 978-93-91768-93-5	May 2022
03	Book: Thin Film Technologies and It's Novelties in Material Science Publisher: Bhumi Publisher, Kolhapur Chapter: Physical Deposition Techniques for thin film formation. (Pg-13-20)	ISBN: 978-93-91768-93-5	May 2022

Research Activity:

Research Projects:

1. UGC. Minor research project: Comparative Studies on Growth and Characterization of CdS, CdTe and CdSe thin film by Spray Pyrolysis and

Grant Received from UGC : Sanctioned 1,10,000/-
2. Seminar Conference Organized: (04)

Conference participated/presented paper/poster:

1. **S. G. Thube, A. D. Shaligram**, “Developing effective lesson plan using PPT to teach Optics at undergraduate level” Proceeding of National seminar sponsored by IAAPT held at Himachal Pradesh University, Shimla on October 25-27, 2007.
2. **S. G. Thube, A. D. Shaligram**, “Integrated Power Generation scheme for uninterrupted usage of modern teaching aids” Proceeding State Level conference on “OFCSA-2008” held at New Arts Com. and Sci. College, Ahmednagar on Dec.22-24,2008.
3. **S. G. Thube, V. M. Nikale, N.S. Gaikwad**, “Preparation and characterization of CdInSe₄ thin film” Poster Presentation on ‘NSPM-MDF-2011’ held at Shivaji University, Kolhapur (MS) on Jan 30-31, 2011.
4. **S. G. Thube, V. M. Nikale**, More Reliable and clean Energy Alternative: Nuclear Power” Poster presentation in National Level conference held at R.C. Shahu College, Kolhapur on Jan 27-28, 2014.
5. **V. M. Nikale, S. G. Thube** CdTe Thin film by spray pyrolysis technique for solar photovoltaic application” Poster presentation in National Level conference held at R.C. Shahu College, Kolhapur on Jan 27-28, 2014.
6. **S. G. Thube, V. M. Nikale** “Investigation of substrate temperature Dependent Properties of Spray Deposited CdTe Thin Films”, Paper Presentation in national Level Seminar held at S. N. Arts, D.J. Malpani Commerce & B.N. Sarada Science College Sangamner, Dist-Ahmednagar, Feb, 7-8, 2013
7. **S. G. Thube, V. M. Nikale**, “Recent Trends in Physics” Poster presentation in national Level conference held at Y.C. institute of Science Satara. Oct 10-11, 2014

Conference Attended:

Sr. No	Topic	Level	Place	Duration	Remark
1	National conference on Nucleic acid science and technology	National	CSIR-Institute of Minerals Technology, Bhubaneswar	10-13 August 2021	Attended
2	International Webinar on Futuristic Device : from Healthcare to Quantum Computing”	International	ASC college, Chopada	9 th August 2021	Attended
3	National Webinar on “Einstein Nobel Prize Centenary Year Celebration”	National	Bengaluru	14 July 2021	Attended
4	International Web conference on “Advanced nanostructured Material for Energy generation , Storage and smart applications”	International	Sharadabai Pawar ASC College Baramti	9-10 th October 2020	Attended
5	International conference on “Education for social cohesion	National	Bahai Academy. Panchgani, Satara	11-12 th July 2020	Attended
6	Webinar on Materials Science, Technology and Society	National	School of Physical Science JNU, New Delhi	8-9 th May 2020	Attended
7	New Trends and Development in Physics	National	A.C.S College Parner	8 th & 9 th JAN-2016	Oral Presentation
8	Recent Trends in	State	Dada Patil	22 nd & 23 rd	Resource Person

	Information Technology		Mahavidyalaya Karjat	JAN-2015	
9	Recent Trends in Physics	National	Y.C.Institute of Science, Satara.	10 th & 11 th OCT-2014	Participation
10	Green Approach in Applied Sciences	National	Dada Patil Mahavidyalaya Karjat	14 th & 15 th March 2013	Poster Presentation
11	How to write research paper	Regional	Ahmednagar	22 nd OCT-2013	Resource Person
12	Nanomaterial and Its Applications	National	Arts, Commerce, Science College Sonai.	22 nd & 23 rd Feb 2013	Poster Presentation
13	Recent Development in Embedded Technology	State	KBP Mahavidyalaya Pandharpur	21 & 22 Dec. 2012	Poster Presentation
14	Nucleus : Powerful weapon for global energy crises	National	University of Rajasthan Jaipur	9 th -12 th OCT-2011	Poster Presentation
15	Nanostructure Material For Advance Technology	National	KBP Mahavidyalaya Pandharpur	3 rd & 4 th OCT 2011	Poster Presentation

Paper Published:

1. **S. G. Thube A. D. Shaligram**, “Effectiveness of Computer Assisted teaching of Geometrical Optics at undergraduate level”, Physics Education (2007) V.23 (4) pp263-71
2. **S. G. Thube A. D. Shaligram**, When will the technology Step-in Classroom?” trajectory (2007) V.15 (2).
3. **S G Thube**, V M Nikale, Y A Pathak, M A Patil, ‘ICT: An Innovative Teaching and Learning Process’, Proceeding of National Level Seminar on Recent Trends in Synthesis and Applications of Nano Material
4. Nikale VM, **Thube S G**, Patil MA, Pathak Y A Substrate Temperature Dependent Properties of Spray Deposited CdTe Thin Films, International Research Journal of Science and Engineering
5. MR Khan, **SG Thube** , A Study On The Preferences For Teaching Methods By Undergraduate Science Students, Journal of Emerging Technologies and Innovative Research
6. **S G Thube**, V M Nikale, M A Patil, Y A Pathak, ‘Radiation Pattern of Led’s’ Research Journey International Multidisciplinary E Reasearch, 2019/3 Issue 168(B) , pp58-60
7. V M Nikale, **S G Thube**, M A Patil, ‘Studies on Growth and Characterization of CdS Thin Films Deposited by Chemical Bath Deposition Techniques’, International Journal of Creative Research Thoughts, 2021/3, Vol-09 Issue 03, pp-3240-3244
8. **S G Thube**, V M Nikale, M A Patil, ‘Measurement of Solar Constant using Simple Route’ Journal of Emerging Technologies and Innovative Research, 2021/3 Vol-08, Issue-03, pp1362-1366
9. M A Patil, **S G Thube**, V. M. Nikale, S. M. Thorat, ‘To study the effect of variation in Resistance in LCR series AC circuits’, Journal of Emerging Technologies and Innovative Research, 2021/6, Vol-08, issue 6, pp 622-626

(Dr. Sanjay G. Thube)