

BIO-DATA

1. NAME: DR. SALI NITIN DEVARAM.

2. BIRTH DATE: 31-03-1965. PLACE: NANDGAON, DIST: Nasik

4. ADDRESS:

(a) College:

Padmashri Vikhe Patil
college of Arts,
Science and Commerce, Pravaranagar
At & Po. Loni (KD), Tal: Rahata,
Dist: Ahmednagar. Pin. 413713.
Off. Phone:(02422)273425, Fax: 273426
Institute email ID nitin.sali@pravara.in
www.pravarapvpcollege.org.in



Web:

(b) Residence:

“Shri. Jivheshwar Niwas“
Plot No. 15. Shriramnagar
At & Po. Loni (KD), Tal: Rahata,
Dist: Ahmednagar. Maharashtra
Pin. 413713. India
Mob: +91 9423750368 / 9284552808
E-mail: snitind7@gmail.com

5. EDUCATIONAL QUALIFICATIONS: **Ph.D., M.Phil, M.Sc. Physics**

Examination	Year	Board/ University	School / College	Passing Class / Grade
S.S.C.	1981	Pune	Sir. D.M. Petit High school Sangamner	Distinction
H.S.C.	1983	Pune	S.M.B.S.T. College, Sangamner	II nd class
B.Sc. Physics	1986	Pune	Sangamner College, Sangamner	I st class
M. Sc. Physics	1988	Pune	Pratap College, Amalner	II nd class
M. Phil. Physics	1996	Pune	Pune University, Dept. of Physics “Synthesis and Application of Nanocrystalline Alumina Ceramics.”	‘A’ Grade
Ph.D. Physics	2007	Pune	Pune University, Dept. of Physics. “Study of Nanophase Metal Oxides, Nitrides and Microwave Processing of Materials”	Awarded Ph.D. degree.

6. DATE OF APPOINTMENT: 12-08-1988 in Padmashri Vikhe Patil Arts, Science & Commerce College Pravaranagar, A/P Loni KD, District- Ahmednagar, MS. 413713.

7. DESIGNATION: Professor in Electronic Science since 11TH January 2021.

8. EXPERIENCE: **Under graduate:** 35 Yrs. **Post Graduate:** 33 yrs.

I am Recognized Professor, Postgraduate teacher & Research Guide for M.Phil &

Ph.D. in **Electronics science** and **Physics** by Savitribai Phule Pune University, Pune.

9. TRAINING PROGRAM COMPLETED: ORIENTATION / Refresher / Training / any other course.

Sr. No	Name of course	Duration	Place	Subject.
1	Orientation	19-11-1990 to 15-12-1990	Goa University Academic Staff college, Goa	
2	Refresher	08-09-1993 to 05-10-1993	Dept. Of Physics, Academic Staff college, Pune University., Pune	Physics
3	Refresher	02-07-2001 to 28-07-2001	Dept. Of Physics, Academic Staff college, PuneUniversity, Pune	Physics
4	Refresher	08-09-2003 to 28-09-2003	Dept. Of Physics, Academic Staff college, PuneUniversity, Pune	Physics

10. RESEARCH PAPERS PUBLISHED: Author: - Nitin. D. Sali et.al.

Sr. No	Title of the research paper	Name of Journal / Proceedings in which published	Year of Publication
1.	“Some observations with nanophase alumina synthesized in thermal plasma.”	Paper published in Proceedings in National SYMPOSIUM on Plasma science held at IIT Kanpur by Prentice hall of India New Delhi. Dept. of Sci.& Tech.	November 1995
2.	“Enhanced surface activity in nanocrystalline alumina as studied by neutron activation analysis [NAA], X-ray photoelectron and Infrared spectroscopy.”	Journal of Material Science & Engineering B. B-49, (1997) 18-26, published by Elsevier science S.A. [ISSN –0921-5107]	May 1997
3.	“Nanophase alumina synthesis in thermal arc plasma and characterization correlation to gas phase studies.”	Journal of Material Science & Engineering B. B-63, (1999) 215-227, published by Elsevier science S.A. [ISSN –0921-5107]	February 1999
4.	“Introduction of δ -Al ₂ O ₃ / Cu ₂ O material for H ₂ gas-sensing applications.”	Journal of Material Letters 58(2004) 1020-1025, published by Elsevier B.V. doi: 10.1016/j.matlet.2003.07.050 Vol. 58 Issue 6 pg 1020-1025	01/02/2004
5.	“Synthesis of Zinc Oxide nano-flakes using thermal plasma route.”	Proceedings of the 52nd DAE Solid State Physics SYMPOSIUM (2007) Organized in Department of Studies in Physics University of Mysore Manasagangotri Mysore.	27-31 December 2007.
6.	“Polyethylene oxide-cu	International Journal of Modern	20 th December

	composite thick films for LPG sensing.”	Physics B Vol. 25, No. 31 (2011) 4199–4203 Ó World Scientific Publishing Company DOI: 10.1142/S021797921106657X	2011
7.	“Autoclave mediated microwave assisted green synthesis of zinc chloride nanoparticles embedded cotton fibers and its evaluation for antibacterial properties.”	Proceeding of NCNAP2013 by SHABDAGANDHA Publication A’NAGAR. pg. 146-148 ISBN 978-81-924820-3-3.	22 nd - 23 rd February 2013,
8.	“Synthesis and characterization of manganese doped ZnO diluted magnetic semiconductor nanoparticles”	International Journal of Multidisciplinary Research (IJMR) . ISSN 2277-9302. Vol II, Issue 1(II), Pg.71-74	18 th March 2013
9.	“Synthesis of antimicrobial cotton fibers embedded with zinc chloride nanoparticles.”	International Journal of Advances in Management, Technology & Engineering Sciences . ISSN: 2249 – 7455 Vol. II, Issue 9 (IV), No. 26	June, 2013
10.	“Fabrication of ZnO thick film gas sensors and study of its structural and electrical properties.”	Proceedings of 18th National SEMINAR on Physics and Technology of Sensor. NSPTS 18 , organized in TC College Baramati . ISBN: 978-81-924850-1-0 [Pg. 73-76] .	6-8 th March 2014
11.	“Effect of annealing temperature on structural and electrical characteristics of ZnO thick film gas sensors.”	Proceedings of National CONFERENCE on Advances in Electronics and its Interdisciplinary Applications NCAEIA-2014 organized in Fergusson College Pune. PG. 326-330 ISBN: 978-93-5174-783-3	19-20 th September 2014.
12.	“Innovative applications of Nanophase alumina as dehydration catalyst and as humidity sensor”	UGC approved International Peer Reviewed Open Access Research Reference Journal of Science and Engineering No.63628 , ICV 2016: 55.77 SJIF Impact Factor 4.115 . The Special issue A 2 January 2018. ISSN 2322.0015. Pg. 64-68	25-27 th December 2017
13.	“Novel synthesis of antimicrobial cotton fibers embedded with enriched zinc chloride nanoparticles.”	UGC approved an International Peer Reviewed Open Access Research Reference Journal of Science and Engineering No.63628 , ICV 2016: 55.77. The Special issue A 2 January 2018. Pg. 225-228 SJIF I.F. 4.115., ISSN 2322.0015	5-6 th , January 2018.

14.	“Effect of LPG Gas Sensing on Rb-Modified Graphene”	International Journal of Chemical and Physical Sciences IJCPS Vol. 7, Special Issue ISSN: 2319-6602. ICAFM (Part-II) - pg. 675-679. IP Indexing Impact Factor 3.42	March 2018
15.	“IoT based smart embedded system for greenhouse parameter monitoring and control.”	International Journal of Research and Analytical Reviews (IJRAR) . Indexed Journal, Vol.6, Issue 1, Pg. 329-332, E-ISSN: 2348-1269, P-ISSN: 2349-5138	January 2019.
16.	“Review on Status of Renewable Energy in India.”	International Journal of All Research Education & Scientific Methods, (IJARESM) . ISSN No: 2455-6211”, I. F.: 7.429, current Issue, Volume 9, Issue 1, Paper Id: IJARESM/Jan.21. Pg. 1685-1688. (On-Line Journal) New Delhi	31 st January 2021
17.	“Design and development of low cost spin coating system for thin film development”	UGC Care Group I Journal: - Journal of Maharaja Sayajirao University of Baroda ISSN -0025-0422 Volume No. 55 No. 2 2021	20 th October 2021.
18.	Study of Passive Indirect Type Solar Dryer: A Review.	Research Journey ISSN: 2348-7143- https://www.researchjourney.net/	29-30 th September 2022
19.	Machine learning ML, data science & artificial intelligence AI in food industry: opportunities, solutions & rising potential.	Journal of emerging technologies & innovative research JETIR -. International Scholarly Open Access, Peer-reviewed, Refereed Journal with the I. f.:7.95. Volume 10, issue 1, pg 610-614. ISSN: 2349-5162 .	31 st January 2023
20.	Interconnected plate-like NiCo ₂ O ₄ microstructures for Supercapacitor application.	Journal of Materials Science and Engineering B Vol. 287 (2023) 116072 published by Elsevier science S.A. [ISSN -0921-5107] I.F.: 3.407 Supports Open Access. Journal homepage: www.elsevier.com/locate/mseb	January 2023.
21.	Implementation of Computer Technologies in Plant Pathology-Prevention and Solution on Agriculture crises.	UGC –CARE Approved Group “II” Research Journal Zeichen . I.F. 4.7 Manuscript ID: ZJ/3446. ISSN No. : 0932-4747.	19 th March 2023.
22.	Implementation of Computer Technologies in Plant Pathology-Prevention and Solution on Agriculture.	UGC approved Journal No.:49023(18) International Journal of Creative research Thoughts. Open Access, Peer-reviewed, Refereed Journal ISSN: 2320-2882. Pg. No. f383-f387. I.F.7.97 Volume 11, Issue 4. Paper ID: IJCRT2304663. www.ijcrt.org	18th April 2023

23.	Climate Change Impact on Agricultural fields, products and Solution using Computer Assisted Systems.	Positif Journal UGC Care list II journal ID no. PSJ 7553. Page No: 1-11. Editions Opta DOI.org/10.37896/psj30.6/17900 . Volume 23, Issue 6, 2023. ISSN No: 0048-4911.	June 2023
24.	Formation Process Mechanism for CZTS material by Hydrothermal Route	ELSEVIER Journal of Scientific Computing. ISSN NO: 1524-2560. DOI:16.10089.JSC.2023.V12I5.285311.2970 Volume 12 Issue 6. ISSN NO: 1524-2560. http://jscglobal.org/ 1.	June 2023
25.	Review on Photo-catalytic applications of CZTS nanomaterials	UGC-CARE & Web of Science Journal UGC-CARE Approved Group - 2 Journals. Certified Strad Research https://doi.org/10.37896/sr10.6/036 com. VOLUME 10, ISSUE 6. ISSN: 0039-2049 An ISO: 7021 - 2008 Scientific Journals I. F.: 6.1. http://stradresearch.org/	JUNE – 2023.
26.	Synthesis and study of CDS material by CBD Method	Tuijin Jishu/Journal of Propulsion Technology. Vol. 44 No. 5 (2023). Pg. 2854-2858. The journal is indexed in UGC-CARE List Group II. Scopus. ISSN: 1001-4055 The (SJR) SCImago Journal Rank is 0.322. IF is 0.293 . https://www.propulsionejournal.com	December 2023
27.	Study of Photoelectrochemical behaviour of Semiconducting materials for development of Semiconductor devices	Tuijin Jishu/Journal of Propulsion Technology ISSN: 1001-4055. Vol. 44 No. 5 (2023). Pg. 3568-3572. The journal is indexed in UGC-CARE List Group II, Scopus. The (SJR) SCImago Journal Rank is 0.322 . I.F. is 0.293 . https://www.propulsionejournal.com/	December 2023
Poster OR paper presentation			
28.	“Spherodised nanophase alumina as a humidity sensor”	Poster presentation in National SEMINAR Alumina ceramics ALOMIX-95 , published in proceedings.	February 1995
29.	“Synthesis of ultra-fine nanoparticles using Arc plasma.”	Poster presentation. in CONFERENCE on Physics of nanophase materials. Dept. Of Physics. Pune University [18-20 Dec]	December 2000.
30.	“Humidity sensing using η -alumina.”	Paper presentation in 9th National SEMINAR on Physics and Technology	March 2002

		of Sensor NSPTS-9 held in Pune.	
31.	“Performance evaluation of a community type parabolic solar cooker.”	Paper presented in RARE-T2002 CONFERENCE held in Shivaji University Kolhapur.	13-15 th , August 2002.
32.	“Structural & Morphological Studies of Nanocrystalline Ni & Zn Ferrites Synthesized using Microwave sintering Techniques.”	Poster presentation at the International WORKSHOP on Advanced Materials and Technologies for Nano and Oxide Electronics. AMTNOE in New Delhi.	Feb. 19 to 22, 2007.
33.	“A novel catalytic activity of nanophase alumina in ethanol dehydration.”	Poster Presented in International CONFERENCE on Advanced Materials & Applications. Dept. of Physics. Shivaji University Kolhapur. ICAMA	15-17 th November 2007.
34.	“Physics playing a novel & vital role.”	Poster presentation in International CONFERENCE: Sanskrit a Global perspectives.	16-18 th February 2008.
35.	“Study of silver nanoparticles.”	Poster presentation in Regional research CONFERENCE “Innovation 2009” for college teachers in Physics, Electronic Science, Computer Science & Mathematics, in New ASC college Ahmednagar.	9-10 th December 2009
36.	“Evaluation of Optical and Thermal Performance of Community type Parabolic Solar Cooker.”	Poster presentation in International SYMPOSIUM on Renewable Energy for Rural Development ISORE2010.	25-27 th February 2010
37.	“Microwave processing of materials.”	Poster paper presented in State CONFERENCE on Recent trends in nanotechnology organized in LVH Mahavidyalaya Panchvati, Nasik-3	28 th - 29 th December 2012.
38.	“MW processing-Modifications in surface wet ability of a material”	Poster presented in National SYMPOSIUM on emerging plasma techniques for materials processing and industrial applications (N-SEPMI 2014)	13-15 th February 2014
39.	“Synthesis, characterization and application of δ -Al ₂ O ₃ for humidity sensing.”	Paper presented orally in International CONFERENCE (RTCST 2014) on “Recent Trends and Challenges in Science and Technology” organized in P.V.P. College Pravaranagar, Maharashtra, India	20-22 nd August 2014.
40.	“Synthesis of antimicrobial cotton fibers embedded with nanophase zinc chloride	Paper acceptance and oral presentation in UGC sponsored National CONFERENCE organized in Vijaya College Bangalore.	8-10 th January 2015.

	particles.”		
41.	“Synthesis , Characterization and application of α -Al ₂ O ₃ for humidity sensing”	Paper presented in National SEMINAR on Emerging trends in material characterization in P.V.P. College Loni ISBN :978-93-5158-588-6, pg. 86-90	9-10 th February 2016.
42.	“Optical and thermal performance evaluation of community type parabolic solar cooker.”	Paper presented in National SEMINAR on Emerging trends in material characterization in P.V.P. College Loni. ISBN :978-93-5158-588-6, pg 121-126	9-10 th February 2016.
43.	“Classification of Guava fruits using machine vision system based on HIS color space”	Paper presented in National SEMINAR on Emerging trends in material characterization in P.V.P. College Loni. ISBN :978-93-5158-588-6, pg 18-25	9-10 th February 2016.
44.	“The effect of Millimeter waves on surface wet ability of a material.”	Poster paper presented in ICINA-2018 an International CONFERENCE on Innovations in nanomaterials and their applications. Organized in L.V.H. Arts, Science and Commerce college, Panchvati, Nasik-3. Abstract published in abstract booklet.	18-20 th January 2018
45.	“Effect of Millimeter waves on surface wet ability of various materials”	Best Poster Presentation Award in ICNHW18 International CONFERENCE on applications of nanotechnology for human welfare organized in H.V. Desai college Pune.	1-3 rd February 2018
46.	“Diethylene Glycol Embedded ZrO ₂ as a Gas Sensor “	Poster paper presented in SMART 2019 an International CONFERENCE organized during 4-5 th January 2019 in B.R. Gholap college, Pune and published in the journal JETIRCP06006 Journal of Emerging Technologies and Innovative Research (JETIR) www.jetir.org.	4-5 th January 2019
47.	“Innovatory applications of superfine insulating particles”	Participated & presented a research paper in National CONFERENCE on synthesis, Characterization of promising nanomaterial for energy and environmental applications Kr. V.N. Naik Shikshan prasarak Sanstha’s ACS College Nashik.	14-15 th February 2020.
48.	“Study of nanocrystalline material for sensor application”	Participated and presented a research paper in National e-CONFERENCE On "Recent trends in Chemical and Physical Sciences (NCRTCPS-21)” organized by Departments of Chemistry, Physics, Electronics, Mathematics and Computer Science of S.V.S's Dadasaheb Rawal College, Dondaicha	1 st September 2021

11. RESEARCH ACTIVITIES MAJOR / MINOR RESEARCH PROJECTS/ RESEARCH GUIDE:

I am Recognized Research Guide, Postgraduate teacher for M. Phil & Ph.D. in Physics and Electronic science affiliated to Savitribai Phule Pune University

Degree & Subject	Title	Date of award	University	Award/fellowship
M.Phil-Physics	Synthesis and Application of Nanocrystalline Alumina Ceramics.	01-07-1996 'A' grade	Pune	UGC FIP 1994-95
Ph.D.-Physics	Study of Nanophase Metal Oxides, Nitrides & Microwave Processing of Materials.	28-12-2007	Pune	UGC FIP 2000-2001.

- Students registered for M.Phil and Ph.D.

Sr. No.	Name of student	Subject	Topic of research work	Year of registration
1	Mr. C.S. Shinde	Physics Ph.D.	Investigation of Economically Feasible Fe-Based Cathodes For Secondary Batteries.	13/04/2017
2	Ms. R. A. Kadam Eligibility No. 12017232735	Physics M. Phil.	Synthesis of nanophase materials using hydrothermal process and characterization study.	11/08/2017 Awarded on 11/04/2022
3	Ms V.N. Dhanwate	Physics Ph.D.	Synthesis and Characterization of CZTS Nanoparticles for applications in Solar cell and Photo catalysis	13/03/2018
4	Ms. P.R. Sarode	Physics Ph.D.	Solar Powered Operated SMART Greenhouse Automation System with solar tracker	13/03/2018
5	Ms. M. S. Bhujbal	Physics Ph.D.	Design, development and performance evaluation of nanomaterial coated solar dryer	18/03/2021
6	Mr. S. N. Bangayya	Electronics	Design and development of embedded portable E-nose for classification of tropical fruits.	09/07/2022
7	Mr. S. S. Barakde Co-Guide : Dr. Mujawar Sarfraj Hisamuddin	Electronics	Synthesis and Characterization of Pristine, Doped Zinc Oxide (ZnO) and Barium Titanate (BaTiO ₃) Nanofibers for Piezoelectric Sensor Application.	20/04/2023
8	Mr. S.K. Khule	Electronics	Smart Street Light Control System	08/04/2022 Pending 12/10/22
9	Ms. J.B. Pachorkar	Electronics	Development of NiO-Based Screen Printing Electrodes for Battery Electrodes Application.	20/04/2023
***	Mr. R. R. Motkar, proposed	Physics M. Phil.	Pervoskite structure based Solar cell	2017

Use of ICT based services, internet services, CDs, DVDs, Application and System software's. **WEBINAR, SEMINAR, POWER POINT PRESENTATIONS, GROUP DISCUSSIONS.**

- **Special Lectures** under S. P. Pune UNIVERSITY Resource-E content learning modules.
- Using some lectures from **FDP Programme** organized by **IIT** and **NPTEL**.
- Use of resources from: FDP, **WEBINARs**, YOU tube, Periodicals and Magazines.
- Use of literature from **SEMINAR, CONFERENCE WORKSHOP** and **SYMPOSIUMs** proceedings organized at University, State, and National and International levels.

Completed Minor Research Projects:

Sr. No.	Name of MRP	Principal / Co-Investigator	Agency Amount &	Duration
1	Studies of magnetic impurities in nanoparticles of metal oxides	Dr. N.D. Sali / Prof. S. P. Gandhe	B.C.U.D. S.P. Pune University Rs. 2 Lacs.	2007-09 Project completed
2	Construction and Studies on Chemo-resistive and Chemo-capacitive Hydrogen Gas Sensor Using Zinc Oxide as a Sensing Material	Prof. S. P. Gandhe / Dr. N.D. Sali	B.C.U.D. S.P. Pune University Rs. 2 Lacs.	2007-09 Project completed
3	Synthesis of superfine powders using Sol-Gel technique.	Dr. P.M. Dighe / Dr. N.D. Sali	B.C.U.D. S.P. Pune University Rs. 2 Lacs.	2007-09 Project completed
4	Your Project: In-house: Indore Centre (incl. BL-02, Indus-1 & BL01 Indus-2 beam lines) has been submitted with project number: 2021/CRS/50/46/525 has been received.	Name(s) of Principal Collaborator(s)/Coordinator at UGC-DAE CSR : Dr. Deodatta Phase	ProjectNumber: 2021/CRS/50/46/525	It has been received in the office.

12. Active Participation in Academic courses, CONFERENCE, SEMINAR, SYMPOSIUM and WORKSHOP: -

Sr. No.	Event	CONFERENCE	SEMINAR	SYMPOSIUM	WORKSHOP	Training Program completed
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	LEVEL ↓	↓	↓	↓	↓	↓
1	INTERNATIONAL	05	09	02	04	01
2	NATIONAL	12	50	01	13	09
3	STATE	08	12	03	08	07
4	UNIVERSITY	06	11	01	35	07
	Total	205	82 (Sem + WEBINAR)	07	60	25

13. MEMBERSHIP OF ACADEMIC AND OTHER BODIES:

Life Member

- Member of **College Development Committee (2017-18 to 2021-22)** as Coordinator IQAC.
- Subject Expert in Electronics science on BOS, Mahatma Gandhi VidyaMandir Nasik. (LVH Panchvati College Nasik) for five years (2021-2026)
- Indian Physics Association, Pune Chapter [IPA LM 10877]
- **Life Member of Vishva Marathi Parishad (□□□□ □□□□.)**
- Indian Association of Physics Teacher [IAPT LM 3412]
- Society for Promotion of Excellence in Electronics Discipline **SPEED**[L.M. SL 1002003]
- **Professional member** of Institute of scholars www.insc.in [InSc Id: InSc20213914]
- I was student Member of Indian Ceramic Society, Calcutta [ICS].
- I was Academic & Research Coordinator [A.R.C.] for PVP Colledge during 2008-2019.
- I was Assistant Research Coordinator for P.V.P. College Loni.
- At present **President**, Institution Innovation Council.
- At present **Member** Design Innovation Center **DIC**, P.V.P. College Loni, and HUB- S.P. Pune University.

14. CONTRIBUTIONS MADE TO ACADEMIC AND OTHER FIELDS:

- ❖
 - ❖ Member Nodal Officer RUSA- PM-USHA PROJECT PROPOSAL 2023-24
 - ❖ At present Chairman Admission committee (2020-25).
 - ❖ **EXAM Centre In-Charge** Center No.G-4194. National Graduate Physics Examination **NGPE** since 2002 to this date.
 - ❖ Preparing team for Science **QUIZ**, Essay Competition, Lecture contest arranged by **Indian Physics Association**, Pune Chapter. Preparing students team for **i-2-e Competition at College level**.
 - ❖ Working as **IQAC** and NAAC committee member from 2005 to this date in college.
 - ❖ My Publications are in **National & International** level research journals and **CONFERENCE** proceedings.
 - ❖ Presented Poster & Research papers in various **National & International** level **CONFERENCE** (On-Line & Off line), **SEMINARs**, **SYMPOSIUM** and **WORKSHOPs** arranged in different parts of India.
 - ❖ Prepares students Team for “**AVISHKAR**” a State level Research Festival and DIC Project competition “**ABHIKALP 2018**” organized by University of Pune.
 - ❖ Organized Orientation program for students team from various college of North Zone Ahmednagar district for “**AVISHKAR**” a State level Research Festival organized by the S.P. Pune University, Pune.
 - ❖ Worked as member of syllabus framing committee at UG & PG level science faculty for different courses in Physics & Electronic Science.
 - ❖ Worked as member in **Colleges with Potential for excellence CPE & CE** committee.
 - ❖ Organized & conducted **PIMS-AICTE 2013 Entrance exam 2013** for PG Medical & Dental students on 19th January 2013
 - ❖ **Subject expert for CAS** (7th pay Commission) Ref: - CCO/1119 and 1120 Dt. 06/04/2022 in KTHM college Nasik on 15th May 2022.
 - ❖ **Subject Expert** for selection of Asst. Professor in Electronics science on 6th August 2022 in Sangamner College Sangamner.
 - ❖ **Moderator** for TYBSC Electronics science CBCS 2019 pattern (New Syllabus) exam June 2022 in CAP program organized in Sangamner College Sangamner
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15) Invited Talks / SEMINARS:

- i) Delivered lectures in NSS camp organized at different places in Ahmednagar district
- ii) Invited talk in Computer awareness program for college, school teaching, non-teaching staff, society office staff and Sugar factory officers.
- iii) Delivered lecture in one-day **SEMINAR** on computer awareness for high school science teachers in the Ahmednagar district.
- iv) Invited talk in **SEMINAR** on Commerce Education problems and prospectus on “Role of Computers in Commerce Education”, for the senior college teachers in Pune University arranged in P.V.P. College.
- v) Delivered lectures in college staff academy on different topics.
- vi) Presented **SEMINAR** in the Refresher course program organized in Dept. of Physics Pune University, Pune
- vii) Delivered lecture under Pune University Quality Improvement Programme on Nanotechnology in Akole A.S.C. College, Akole Dist Ahmednagar Feb. 2006
- viii) Delivered lecture under Pune University Quality Improvement Programme on Nanotechnology in Sangamner College, Sangamner in February 2007.
- ix) Delivered lecture under Pune University Quality Improvement Programme on Nanotechnology in B.S.T. College, Sangamner February 2008.
- x) Delivered lecture in College of Engineering Pravaranagar on Nanotechnology & it’s applications March 2008.
- xi) Delivered lecture in B.G.P. SAHYADRI JUNIOR COLLEGE, SANGAMNER on "Importance of Electronics & Computer" on 15th January 2013.
- xii) Presentations on “AVISHKAR Orientation **WORKSHOP**“for students and faculties in Sangamner College, COEP Ahmednagar.
- xiii) I have worked as Custodian and senior supervisor (External & Internal) in Pune University examinations in various colleges.
- xiv) As Resource person in State level **SEMINARS, CONFERENCE & WORKSHOP** in various colleges affiliated to Savitribai Phule Pune University, Pune.
- xv) As Session Chairperson in “AMPICON 2014” 35th Annual **CONFERENCE** of Association of Medical Physicists of India “AMPICON 2014” organized in Pravara Institute of Medical Sciences Rural Medical College Loni, Maharashtra, India during 20-22nd November 2014.
- xvi) As **Chief Guest in Convocation ceremony of Mumbai University** organized in Pali College Pali, District Raigarh on 2nd February 2015.
- xvii) Working as Academic & Research coordinator (ARC) of Pune University for PVP College since 2009 and as coordinator in AVISHKAR –2007 competition.
- xviii) Expert, Referee and Resource person in AVISHKAR a Regional Research Festival.

16. ACHIEVEMENTS:

- Awarded **M.Phil** in **Physics** by **Pune University** in **1996** under **UGC Faculty development program**
- Awarded **Ph.D.** in **Physics** by **Pune University** in **2007** under **UGC Faculty development program**
- “**Best Poster Presentation Award**” in the “**International CONFERENCE**” on applications of nanotechnology for human welfare organized (**ICNHW18**) in H.V. Desai college Pune during 1-3rd February 2018.
- “**Best College Project Teacher Award**” of Savitribai Phule Pune University through R. Chandrashekhar Memorial Foundation. 20th April 2019.

- “Rashtrapita Mahatma Jyotirav Phule Vidyapithstariya **Gunvant Pradhyapak Puraskar 2021-22**” by Rashtriya Mulnivasi Bahujan Karmachari Sangh **PROTAN** wing S.P. Pune University.
- Subject Expert in Electronics science on BOS, Mahatma Gandhi Vidya Mandir Nasik. (LVH Panchvati College Nasik) for five years (2021-2026)

17. **ANY OTHER RELEVANT INFORMATION:**

- Resource Person for the **AICTE-ISTE** Approved online FDP-Refresher Program, “**Recent Trends in Nanotechnology**” scheduled between 28.12.2021 to 03/01/2022 at Pravara Rural Engineering College, Loni Maharashtra.
 - Resource Person in Three day **WORKSHOP** on “SEM VI TYBSC Electronic science CBCS PATTERN based syllabus implementation during 14-16th March 2022 organized by N.Wadia college Pune & BOS S.P. Pune University Pune.
 - Resource Person in Implementation of T.Y.B.Sc. Electronics science CBCS syllabus, SEM Vth. organized by P.V.P. College Pravaranagar & BOS S.P. Pune University Pune during 11-13th October 2021.
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- “Rashtrapita Mahatma Jyotirav Phule Vidyapithstariya **Gunvant Pradhyapak Puraskar 2021-22**” by Rashtriya Mulnivasi Bahujan Karmachari Sangh **PROTAN** wing S.P. P.U.
 - Participated in 87th **Indian Science Congress, January 2000** held in Pune University. Participated in 15 days International **WORKSHOP: ”International Host Lab Experiment** on Synthesis of Nanomaterials by Thermal Plasma”, In Dept. of Physics, University of Pune during 17th Nov. to 1st December 2004.
 - Participated in **International SYMPOSIUM** on Material Chemistry” Organized in **B.A.R.C.** Mumbai during 4-8th December 2006.
 - Worked as *Subject expert* in Interview for selection of Lecturer in Electronics Science in various colleges affiliated to University of Pune, Pune-7.
 - Worked as Academic & Research coordinator (**ARC**) of Pune University for PVP College during 2008-2019.
 - I was Management Representative of our college for ISO 9001:2008.
- The state level Research Project Competition- “**Avishkar**” was organized in Solapur University in January 2010. I have worked as Team Manager for “**Avishkar**” of University of Pune in 2010. Under my Managership and coordination the University of Pune has bagged the **General Championship** successively for 4th times. University of Pune has felicitated and awarded him with trophy and certificate on 10th February 2010 on the University Foundation Day program.
 - I have worked as **Custodian** and **senior supervisor** (External & Internal) in Pune University examinations in various colleges.
 - Worked as **Centre - in -Charge** for **PIMS AICTE-2013** Medical Entrance Examination and conducted it on 19th January 2013.
 - Working as **Centre - in -Charge**, for NGPE Exam since 2000.
 - **As Resource person in State level SEMINARs, CONFERENCE and WORKSHOP in various colleges affiliated to Savitribai Phule Pune University, Pune.**

- **As Session Chairperson in “AMPICON 2014” 35th Annual CONFERENCE** of Association of Medical Physicists of India “AMPICON 2014” organized in Pravara Institute of Medical Sciences **Rural Medical College Loni, Maharashtra, India during 20-22nd November 2014.**
- **As Chief Guest in Convocation ceremony of Mumbai University** organized in **Pali College Pali, District Raigarh on 2nd February 2015.**
- I have been awarded with “**BEST POSTER Presentation Award**” in **International CONFERENCE** on Nanotechnology and Human Welfare **ICNHW18** organized in H.V. Desai College, Pune during 1-3rd February 2018.
- I have been awarded with “**Best College Project Teacher Award**” of Savitribai Phule Pune University through R. Chandrashekhar Memorial Foundation. 20th April 2019.
- Worked as Chairman Media & Publicity committee for academic year 2020-21.
- Working as Chairman College Admission committee **since** academic year 2020-21.
- **Subject expert for CAS** (7th pay Commission) Ref: - CCO/1119 and 1120 Dt. 06/04/2022 in KTHM college Nasik on 15th May 2022.
- **VC Nominee & Subject Expert** for selection of Asst. Professor in Electronics and Ph.D. in Electronics science & Physics during 2023-24.

PROF. SALI NITIN D.
