

BIO-DATA

- 1. NAME IN FULL:** Mr. GANDHE SHRIKANT PURUSHOTTAM
- 2. DATE OF BIRTH:** 16-02-1964.
- 3. DESIGNATION :** H.O.D. & ASSOCIATE PROFESSOR.
- 4. DATE OF APPOINTMENT:** 04-01-1988
- 5. TEACHING EXPERIENCE:** 30 YEARS
- 6. PAY SCALE:** As per 6th pay commission.
- 7. ADDRESS FOR CORRESPONDENCE:**



(a) College: Padmashri Vikhe Patil Arts, Science and Commerce College Pravaranagar, At & Po. Loni (KD), Tal: Rahata, Dist: Ahmednagar. Pin. 413713. Phone :(02422)273425, Fax: 273426 E-mail: pvpcollege @ gmail.com

(b) Residence: At & Po. Loni (KD), Tal: Rahata, Dist: Ahmednagar. Maharashtra Pin. 413713. Phone: (0241) 2428790. Mobζ: +91 9850922225
E-mail: gandhe_shri@rediffmail.com
gandhe50@gmail.com

8. EDUCATIONAL QUALIFICATIONS:

Degree	Year of Passing	Subject	Class
B.Sc.	1985	Physics - Pune University.	Ist
M.Sc.	1987	Physics with Electronics - Pune University	I st
M.Phil.	2000	Electronic Science Pune University	'A' Grade

9. TRAINING PROGRAMS COMPLETED: UGC REFRESHER / ORIENTATION / SUMMER OR ANY OTHER COURSES:

Sr. No.	Course	Place	Duration	Subject
1.	Orientation Course	Goa university. Goa	19-11-1990 to 15-12 1990	General

2.	Refresher Course: I	University of Pune	06-01-1992 to 01-02-1992	Physics
3.	Refresher Course: II	Banaras Hindu University	22-11-1993 to 11-12-1993	Physics (Laser)
4.	Refresher Course: III	University of Pune	01-06-1994 to 28-06-1994	Electronics-Science

10. NO. OF RESEARCH PAPERS PUBLISHED: 04

Sr. No	Title of the research paper	Journal / Proceedings	Year of Publication
1	Fabrication of ZnO thick film gas sensors and study of its structural and electrical properties.	Paper published in the Proceedings of 18 th 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
2	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.
3	Effect of annealing temperature on structural and electrical characteristics of ZnO thick film gas sensors.	Paper published in the 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.
4	Innovative applications of Nanophase alumina as dehydration catalyst and as humidity sensor.	Published in <i>Int. Res. J. of Science & Engineering</i> , 2017; Special Issue A1: 64-68 December SJIF Impact Factor 4.11 ISSN: 2322-0015 UGC Approved Journal No. 63628 and Oral Paper presentation in International conference ICANN17 organized in TC college Baramati.	7-9 th December 2017

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

Sr. No.	Name of MRP	Principal / Co-Investigator	Agency & Amount	Duration
1	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
2	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

12. SEMINARS, WORKSHOPS, SYMPOSIUM, CONFERENCES ACTIVELY PARTICIPATED:

Sr. No	Name of Conference / Seminar / Symposium/ Workshop	Place	Duration
1)	Two days State level workshop on Use of Computer Aided Design Tools for Development of Practical Resources in Electronics.	Dept. of Electronic Science, P.V.P. College Pravaranagar	1 st -2 nd March 2013.
2)	National Seminar on Applications of Electronics in Astronomy and Astrophysics.	KTHM College, Nasik	28-30 th March 2013.
3)	Revision of S.Y. B.Sc. Electronics & Computer Science Syllabus.	Sangamner College, Sangamner	2 nd January 2014
4)	Faculty training program on nuvoton NuMicro ARM Cortex-M0 and its applications.	S.P. Pune University, Pune	15-16 th January 2014.
5)	Teacher Advancement program Level-1 Education Plus	P.V.P. College Loni	16-18 th June 2014
6)	Effective integration of ICT in higher education: Challenges and opportunities	ASC college Rahuri	14-15 th July 2014
7)	Paper presentation in International Conference (RTCST 2014) on “Recent Trends and Challenges In Science and Technology”	P.V.P. College Pravaranagar, Maharashtra, India	20-22 nd August 2014
8)	Session Chairperson in 35 th Annual Conference of Association of Medical Physicists of India. Theme : “Advanced Technologies in Radiotherapy-Reach the Unreachable”	Jointly organized by Association of Medical Physicists of India, Pravara Institute of Medical Sciences Loni, Deemed University and Association of Medical Physicists of India . (Western Chapter)	20-22 nd November 2014
9)	Nanoelectronics fabrication familiarization workshop	Indian nanoelectronics user program INUP in IIT Powai, Mumbai	28-30 th November 2014
10)	State Level Seminar on Problems and Prospective of Higher Education in India	P.V.P. College Pravaranagar, Maharashtra, India	22-23 rd January 2015
11)	Framing of T.Y. B.A. /B.Sc. restructuring syllabus	P.V.P. College Loni	26 th February 2015
12)	All India survey on Higher education (AISHE) “and Management Information System MIS”	S.P. Pune University & MHRD New Delhi	10 th July 2015
13)	Resource in State level seminar on “Role of Quality Improvement & maintenance in higher education	ASC college Shevgaon	22 nd January 2016
14)	Paper acceptance and oral presentation in National seminar on Emerging trends in material characterization NSETMC-2016	P.V.P. College Pravaranagar, Maharashtra, India	9-10 th February 2016
15)	N.S.D.C. Faculty development program – short term course	Seed, P.V.P. College	18-26 th April 2016
16)	Orientation workshop on AVISHKAR-2017	P.V.P. College, Loni	5 th October 2017
17)	XXIX Statutory conference & National Seminar on Reforms in Higher Education: Challenges &	S.P. Pune University & SPUCTO, Shirdi	18-20 th December 2017

	Opportunities		
18)	Two day State level workshop on IoT, MATLAB, Simulink & its applications	UGC & S.P. Pune University : A. Garware college Pune	12-13 rd January 2018
19)	Two day workshop on Smart material & Future technology for sustainable development	Modern College, Ganeshkhind Pune	16-17 th January 2018
20)	One day workshop on Academic & Administrative Audit	S.P. Pune University & CEDA, Pune	3 rd March 2018

13. INVOLVEMENT IN OTHER ACTIVITIES OF THE COLLEGE.

A) Institute Level: Incharge Principal of Home Science College, [an additional charge]

B) College level: Worked in a capacity of Chairman in various committees (2013-18).

- 1) IQAC Committee
- 2) Proposal Committee
- 3) Information technology committee.
- 4) Mess committee Ladies Hostel Mess.
- 5) College development committee.
- 6) Information technology committee.

Worked as committee member in various committee like

- (a) Admission committee.
- (b) Science Association
- (c) Gymkhana committee.
- (d) Project & proposal committee.
- (e) Library committee
- (d) Information technology committee.
- (e) College development committee
- (f) Purchase committee.
- (g) Continuing Education Committee.
- (h) Computer Training Committee.

Worked as visiting faculty for B.C.S. Dept. from 1989 –2000 & visiting faculty for F.Y. B.Com Computer theory paper. , F.Y.B.Sc. Bio-tech., M.Sc. Physics 2010- 2015.

C) Department level: Totally involved in departmental laboratory and learning resource development at F.Y., S.Y., T.Y. B.Sc. / B.C.S. since 1989.

14. MEMBERSHIP of Academic and other bodies: --

Life Member of “**Society for Promotion of Excellence in Electronics Discipline**

(SPEED)”

15. CONTRIBUTIONS MADE TO ACADEMIC AND OTHER FIELDS.

Administrative and academic work experience at various levels:

(A) University level:

- (1) Worked as Chairman Theory & practical examination in Electronic science at S.Y. B.C.S. level.
- (2) Worked as subject expert in Electronic science in various colleges.
- (3) Worked as Paper setter & examiner for F.Y, S.Y, & T.Y. B.Sc. Electronics, Physics and computer Science University and college level theory and practical examinations from 1988 onwards in a central assessment program [CAP].
- (4) Worked as internal senior supervisor in P.V.P. College, Pravaranagar.

16. ACHIEVEMENTS:

Articles / Books: Co- Author for following books in Electronics:

- 1] Linear Electronics for F.Y. B.C.S.

2] Digital Electronics for F.Y.B.C.S.

The above books are also useful for F.Y.B.Sc. Students as per revised syllabus 2002 on words.

- Invited Talks / Seminars: Invited as Resource Person in A.S.C. College at Shevgaon & Kolhar for IQAC seminar I.
- Resource person in Refresher Course in Environment Science organized in P.V.P. College Loni during October 2014.
- Resource person in Faculty Development program in Pemraj Sarda College Ahmednagar May 2015.
- Delivered two lectures in the staff academy of college also in N.S.S. Camp activity in Arts, Science, and Commerce College Kolhar.

17. ANY OTHER RELEVANT INFORMATION. :

Refer the attached in tabular format with this biodata.

I hereby, declare that the above-mentioned details are true to the best of my knowledge and belief.

Date: 30 / 04 / 2018
Place: Pravaranagar.

Mr. Gandhe S.P.
H.O.D. & Associate Professor
P.V.P.College, Loni