

## BIO-DATA

1. **NAME IN FULL:** MR. KANADE ASHOK TUKARAM.

2. **DATE OF BIRTH:** 01-10-1982.

3. **DESIGNATION :** ASSISTANT PROFESSOR.

4. **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:**

PVP College Staff quarters, **A/P:** Loni kd **Taluka:** Rahata, Dist: Ahmednagar **Maharashtra 413713** E-mail:[ashokkanade@gmail.com](mailto:ashokkanade@gmail.com)

5. **DATE OF APPOINTMENT:** 27-07-2008.

6. **EXPERIENCE:** Teaching Under graduate: 10 Yrs.  
Industrial: 1 Year as R&D Engineer at FALCON Electro-tek, Mumbai.

7. **SCALE OF PAY. :** As per 6<sup>th</sup> pay commission.

### 8. EDUCATIONAL QUALIFICATIONS:

Sr. No.	Name of Exam.	Board/ University	Year	Marks/GPA	Class
1	JRF/NET	UGC ,New Delhi	2009	Qualified	NA
2	SET	UGC & University of Pune	2009	Qualified	NA
3	M.Sc. (Ele. Sci.)	Department of Electronics, University of Pune	2007	6.1 GPA	First
4	B.Sc. (Ele. Sci.)	University of Pune	2005	76%	Distinction

### 9. TECHNICAL SKILLS:-

Software Languages	C, Matlab, Assembly language 8051
Software Tools	LABVIEW, Xilinx, MATLAB, OrCAD 10 (Circuit Simulation and PCB Design), Diptrace.
Operating System	Windows, DOS,

## 10. Publications: International Journal

Sr. No.	Title of paper	Name of journal (Vol., page no.)	Level (Nat. / Int. nat.)	Month and Year of publication	Impact Factor	Journal is in list of UGC (Yes/ No)	ISBN/ ISSN number
1.	Development of Electronic Nose for classification of fruits on the basis of their ripeness.	SPEED Journal of Research in Electronics. Vol (I) (Special Issue.) pg. 1-6	Nat.	Dec. 2014	--	no	ISSN: 2349-8226
2.	Development of an e-nose using metal oxide semiconductor sensor for the classification of climacteric fruits.	International Journal of Scientific and engineering research. 5(2): 467-471.	Int. nat.	Feb 2014	3.8	Yes	ISSN No. : 2229-5518
3.	Review on MOS Gas Sensors based e-Noses and their Applications to Food Analysis	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering Vol. 5, Issue 7, Pp:6465-6473	Int. nat.	July 2016	6.3	Yes	ISSN (Print) : 2320 – 3765 ISSN (Online): 2278 – 8875
4.	Overview of contemporary gas sensing technologies in e-nose applications	International Journal of Advance Engineering and Research Development Volume 5, Issue 04 Pp:1553-1574	Int. nat.	April 2018	5.71	Yes Journal No : 44839	e-ISSN 2348-4470 p-ISSN 2348-6406
5.	ZnO thick film gas sensors fabrication and its structural and electrical Properties	International Journal of Scientific Research in Science, Engineering and Technology Vol. 4, Issue 4	Int. nat.	April 2018	4.9	Yes Journal No : 47147	PRINT ISSN : 2395 - 1990 ONLINE ISSN : 2394-4099
6.	Prepackaging Sorting of Guava Fruits using Machine Vision based Fruit Sorter System based on K-Nearest Neighbor Algorithm	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	Int. nat.	April 2018	4.0	Yes Journal No : 64718	ISSN : 2456-3307

		Vol. 3, Issue 3					
7.	Ripening state determination of guava fruit (Psidium guajava) using e-nose with fuzzy logic as pattern recognition tool	International Journal of Scientific Research Engineering & Technology, Vol. 7, Issue 4	Int. nat.	April 2018	3.2	Yes Journal No : 46976	ISSN : 2278-0882

### **International/National Conferences with full paper presentation**

Sr. No.	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / international	Month & Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
8.	Review on MOS gas sensors used in e-noses and their applications to food analysis	International Conference on Functional Eco-friendly smart emerging materials [FESEM-2016] Page nos. 1-7	International Conference on Functional Eco-friendly smart emerging materials [FESEM-2016]	Int.nat.	March 2016	NA	C-MET and BGC Pune	Director, C-MET
9.	Classification of Guava fruits using machine vision system based on HSI color space	National Conf. on Emerging trends in Material characterization [NSETMC-2016], Page nos. 8-13	National Conf. on Emerging trends in material characterization	Nat.	Feb. 2016	ISBN 978-81-924820-3-3	PVP College, Pravaranagar	Success Publications, Pune www.sharpmultinational.com
10.	Classification of guava fruits (Psidium guajava) using electronic-nose	4th National Conference on Recent Trends in Computer Science & Applications and Computational Mathematics Page nos. 30-34	4th National Conference on Recent Trends in Computer Science & Applications and Computational Mathematics	Nat.	Jan. 2016	ISBN 978-93-81765-53-5	Indira college, Pune	Principal, Indira college, Pune

11.	Development of machine vision based system for classification of Guava fruits on the basis of CIE1931 chromaticity coordinates	International Symposium on Physics and Technology of Sensors 2 (ISPTS 2) Page nos. 760	International Symposium on Physics and Technology of Sensors 2	Int. nat.	March 2015	ISBN:978-1-4673-8018-8/15	SPPU Pune and C-MET Pune	Director, C-MET, Pune
12.	Development of Machine Vision Based system for classification of Guava fruits on the basis of RGB color spaces	Two Day National Conference On Emerging Trends in Physical Sciences, Bordi. Pg.1-4	Two Day National Conference On Emerging Trends in Physical Sciences, Bordi,	Nat.	Jan. 2015	ISBN 978- 93-5212-606- 4	ASC college, Bordi	Principal, ASC college, Bordi
13.	Development of Electronic Nose for classification of fruits on the basis of their ripeness	National Conference on Advances in Wireless Sensor Network and Its Applications (NCAWSNA-2014). pg.37-40	National Conference on Advances in Wireless Sensor Network and Its Applications (NCAWSNA-2014),	Nat.	Dec. 2014	ISSN:2349-8226	Akluj ,	Principal, S.M.Mahavidyalay ,Akaluj
14.	Development of fruit ripeness Meter using metal oxide semiconductor sensors.	National Conference on Advances in Electronics and its Interdisciplinary Applications pg. 78-82	National Conference on Advances in Electronics and its Interdisciplinary Applications",	Nat.	September 2014	ISBN 978-93-5174-783-3	Fergusson College, Pune,	Principal, F C, Pune
15.	Study of Electrical, Structural properties of thin solid film of ZnO	INNOVATION 2014. pp. 110	INNOVATION 2014,	University	April 2014	ISBN: 978-93-83993-89-5	H.V. Desai College, Pune	Director, BCUD, SPPU, Pune

	deposited by spray CVD method and its application for detecting Hazardous gases							
16.	Fabrication of ZnO thick film gas sensors and study of its structural and electrical properties	Proceedings of 18 <sup>th</sup> National Seminar on Physics and Technology of Sensor (NSPTS 18). Pp.73-76,	National Seminar on Physics and Technology of Sensor	Nat.	March 2014	ISBN 978-81-924850-1-0	T.C. College, Baramati	Principal, T.C. College, Baramati

## 11. MEMBERSHIP OF ACADEMIC AND OTHER BODIES:

- Life Member of SPEED Society for Promotion of Excellence in Electronics Discipline

## 12. ACHIEVEMENTS:

- Best oral research paper presentation in 4<sup>th</sup> National Conference on “Recent Trends in Computer Science & Applications and Computational Mathematics” ,Indira college, Pune,16-17 Jan. 2016
- Award of FIP fellowship from UGC for two year for completing Ph.D.(Dec. 2014-Nov.2017)
- Awarded UGC NET with JRF in Electronics-Science by UGC, New Delhi, June 2009
- Awarded SET in Electronics-Science by UGC, New Delhi, Sep.2009
- Thesis submitted for Ph.D. to Savitribai Phule Pune University Pune. Title of thesis is “Development of Electronic Nose using metal oxide semiconductor sensors for the classification and grading of guava fruits” Under guidance of Dr. A. D. Shaligram, Professor and Head, Department of Electronic-Science, Savitribai Phule Pune University Pune, Pune, India

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

Date: 19 / 05 / 2018  
Place: Pravaranagar.

**Prof. Ashok T. Kanade**  
Assistant Professor  
P.V.P.College, Loni