Bio Data

1. Name: Mrs. Supriya Santosh Patil
2. Address: 10, Yashwant, Lane no 7, Dahanukar colony,
   Kothrud, Pune 411 029, Maharashtra, India
3. Gender: Female
4. Date of Birth: 23rd June 1973.
5. Marital Status: Married
6. Designation: Assistant Professor
7. Department: Department of Electronic Science
8. Date of Appointment in the present college: 18th August 2003
9. Type of appointment: Permanent
10. Date of confirmation: 22nd Sept 2005
11. Academic Qulifications

Degree	University	Year of Passing	Class obtained	Percentage
B. Sc.(Electronics)	Pune	1993	First class with distinction	80.76%
M. Sc. (Electronic Science)	Pune	1995	First class with distincation	76.77%
SET	UGC	1999	Qualified	----

12. Total teaching Experience: 9 years 3months till date
13. Research experience and training

    Currently pursuing P.hD. in Department of Electronic Science, University of Pune on 'Modeling, Simulation and experimental studies of fiber optic physical and chemical sensors and its applications'

    Publications (Year 2011-12)

- S. S. Patil and A. D. Shaligram,' Refractometric fiber optic adulteration level Detector for diesel', International Journal of Advances in Engineering & Technology, (2011),Vol. 1, Issue 4, pp 195-203. ISSN: 2231-1963

- S.S. Patil and A.D. Shaligram, 'Modeling and experimental studies on retro-reflective fiber optic micro-displacement sensor with variable geometrical properties' Sensors and Actuators A Vol. 172 (2011) 428– 433.

  Cited by :2

- Supriya Patil and A. D. Shaligram 'Fiber Optic Displacement Sensor with Improved Performance Parameters' Advances in Computational Sciences and Technology,Volume 5 Number 2 (2012) pp. 957-964, ISSN 0973-6107

- Supriya Patil, Pratibha Patil and A. D. Shaligram,' FPGA based programmable signal conditioner and transmitter for smart fiber optic sensor module',Journal of Science information, Special issue, (2012), PP 6-10, ISSN: 2229-5836

- S. S. Patil, P. B. Buchade and A. D. Shaligram, 'Optimization of Fiber Bundles for improvement in linear operating range of fiber optic displacement sensor', IEEE Explore, pp 133-138

- S. S. Patil and A. D. Shaligram, 'Sensitivity Enhancement of Fiber Optic Diesel Adulteration Detection using Stripped Clad S-bend section' International Journal of Optics and Photonics

14.Teaching programmes attended:

Orientation/Refresher course	**Name of institute**	**Period of course**	**Dates**	**Subject**
Orientation course	Staff academy college, University of Pune	28 days	31 Mar 08 to 28 Apr. 08	----
Refresher course	Dept. of Electronic Science, University of Pune	21 days	1 Nov. 06 to 21 Nov 06	Electronic Science

15.Seminars/Workshops/Conferences attended:

Name of seminar/workshop	Place	Date	Duration
T. Y. B. Sc. Practicals workshop	Fergusson college, Pune	4th and 5th Jan 2004	2 days
Modeling and simulation using MATLAB and Simulink	Fergusson college, Pune	6th Jan 2006	01day
National knowledge commission report	Abasaheb Garware College, Pune	16th and 17th Feb 2008	02 days

Conferences:

1. Oral presentation of "Generalized model of fiber optic displacement sensor using ray tracing approach" at the conference which was held at New Arts, Science College, Ahmednagar on 22-24th December 2008.
2. Oral presention on 'Adulteration level detector for diesel by kerosene' at NSPTS on Sept 2010.
3. Oral presentation on 'Micro-controller based Refractometric Fiber optic Adulteration Level Detector for Diesel' at National Conference at Abasaheb Garware College, Pune on February 2011.
4. Oral presentation on 'FPGA based programmable Signal conditioner and transmitter for Smart fiber optic sensor module', at National Conference in Shankarrao Mohite Mahavidyalaya, Akluj on 19th and 20th December 2011.
5. Oral presentation on ' Optimization of fiber bundles for improvement in linear operating range of fiber optic displacement sensor' at International symposium on physics and technology of sensors by Department of Electronic Science, University of Pune and CMET at Pune on 8-10 March 2012,

6. Oral presentation on ‘Fiber Optic Displacement Sensor with Improved Performance Parameters’ at National Conference on Emerging trends in Engg, Science Technology and Management, organized by JSPM’s RSCOE on 20th -21th April 2012.