

**Name:- Dr. Sunil Giridhar Kulkarni**

**Address:- House no. 11 A , Fergusson College Campus , Pune - 4**

**Personal Details:-**

<b>Name</b>	KULKARNI	SUNIL	GIRIDHAR
	<i>SURNAME</i>	<i>FIRST NAME</i>	<i>MIDDLE NAME</i>
<b>Department</b>	Physics		
<b>Designation</b>	Assistant Professor		
<b>Qualification(s)</b>	M.Sc., B. Ed., Ph.D. - Physics		
<b>Certification(s)/Professional Courses/Exams</b>	Certificate course in Computer Programming and System Analysis		
<b>Email-Id</b>	sunil.kulkarni@fergusson.edu		
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**Member Of:-**

<b>College Committees</b>	<b>Other Committees</b>
Local Management Committee (LMC)	Tarangan Samiti, D. E. Society's New English School, Pune

**Research Done:**

Development of Humidity Sensors
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**Area of Interest in Research:**

Advanced materials
Sensors
Ancient Science, Astronomy, Astro Physics

### Books Published:

Name of Book	Author(s)	ISBN No.	Year	Edition	Publisher
Computer Science	Dr. A. S. Vaingankar, L.M.R. Lobo, Dr. S. G. Kulkarni		2002	1 <sup>st</sup>	Phadake Prakashan, Kolhapur
Computer Science Practical Book	Dr. M. D. Upalane, Dr. S. G. Kulkarni, A. P. Ghatule, S. R. Kumbhar		2004	1 <sup>st</sup>	Choufer Publishing House, Sangli

### Research publications:

1. S. G. Kulkarni et al Effect of Gd <sup>3+</sup> substitution on dielectric behavior of copper cadmium ferrites - J. Mater. Sci. – 1995 vol. 30 pp 5784-5788
2. S. G. Kulkarni et. al. Electrical Field dependent switching in Li-Cd ferrites – J. Phys IV France 7 111 de mars 1997
3. S. G. Kulkarni et. al. Humidity sensing using soft ferrites - J. Phys IV France 7 111 de mars 1997
4. S. G. Kulkarni et. al. Effect of doping concentration of CaCl <sub>2</sub> and Zn content on Cu-Zn ferrite humidity sensor – IEEE Explore 10. 1109/2012.6260902 pp 137-140 - 2012

### Seminars and Workshops Attended:-

1. 1 <sup>st</sup> International symposium on Physics and Technology of Sensors – 8 – 10 March 2012- CMET , Pune
2. International Conference on Functional Materials for Defense – 18 – 20 May 2012
3. International Workshop on Nanotechnology and Advanced Functional Materials 24-25 July 2013 – NCL Pune -

### Seminars and Workshops Organized:-

1. National Conference on Energy and Sustainable Development – 26 – 27 march 2012 - COEP
2. National Conference on Ancient Science and Technology : Retrospection and Aspirations – ASTRA 2015 – 10 – 11 January 2015 Fergusson College, Pune

### Other Accomplishments:-