

## CURRICULUM VITAE

**My Name: Yogesh B. Thakare**

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➤ **RESEARCH INTERESTS:**

Antennas and Wave Propagation, R.F. Circuit Design, Devices Technology, Metamaterials, Scattering Studies for Various Applications, Image Processing Applications to Antennas, Technical Education and Quality Enhancement etc.

➤ **ACADEMIC PROFILE:**

Course	Institution University/Board	Year of Passing	Class
Ph.D. (Electronics Engg.)	Shivaji University, Kolhapur	29 <sup>th</sup> June 2015	Successfully Completed
M.E (E.& TC) (Microwave)	Government College of Engineering , Pune Pune University (India)	2006	First Class
B. E. (E&TC)	V.Y.W.S. College of Engineering, Badnera Amravati University (India)	1997	First Class
H.S.C.	Shri. Brijlal Biyani Junior Science College, Amravati Amravati Board	1993	First Class
S.S.C.	Shri. Ganeshdas Rathi Secondary School, Amravati Amravati Board	1991	Distinction

- **WORKING EXPERIENCE: 22 Yrs. 02 Months 00 Days (app.)**  
Teaching Experience (starting from present position)

University/College	Designation	Period
PVG's COET, Pune-09 (Approval No. CCO/Approval/112 dated 02/10/2010, COET/1099/07-08,	<b>Assistant Professor in E&amp;TC dept.</b> Lecturer (Senior Scale) in E &TC dept. Lecturer in E &TC dept	<b>01<sup>st</sup> Sept. 2010 till the date</b> 01 <sup>st</sup> Oct. 2007 to 31 <sup>st</sup> Aug. 2010 31 <sup>st</sup> Aug.2001 -30 <sup>th</sup> Sept.2007

CCO/278 dated 10/01/2002)		
NMV Polytechnic, Talegaon Dabhade, Pune	Lecturer in Industrial Electronics dept.	01 <sup>st</sup> July 1999-30 <sup>th</sup> Sept 1999 & 21 <sup>st</sup> Aug. 2000-30 <sup>th</sup> Aug. 2001

**Total Teaching Experience: 18 Yrs. 9 Months 00 Days (at PVG's COET) + 1 Yr. 3 Months at NMV Polytechnic) = 20 Yrs. 00 Month 00 Days (app.)**

#### Industrial Experience -

Organization/Employer	Designation	Period
KEN Systems, Pune	Asst. Engr. (Electronics)	01 <sup>st</sup> Feb. 1998-30 <sup>th</sup> Jun. 1999
Relitech, Pune	Project Planning Engineer	03 <sup>rd</sup> Oct. 1999-30 <sup>th</sup> Jun. 2000

**Total Industrial Experience: 02 Yrs. 02 Months.**

#### EXTRA-CURRICULAR

- **Worked/Working as Reviewer for**
  1. IEEE Transactions on Antennas and Propagation,
  2. IEEE Magazine on Antennas and Propagation,
  3. IEEE Transactions on Microwave Theory and Techniques,
  4. Journal of Electromagnetic, Waves and Applications,
  5. Progress in Electromagnetic Research (PIERS) USA online,
  6. Applied Computational Society Journal (ACES)

- **PUBLICATIONS: Citations: Google Scholar - 133 Scopus: 86**  
**Highly cited and highly read publication: Google Scholar - 94 Scopus: 69**  
 "Design of fractal patch antenna for size and RCS reduction", IET Microwaves, Antennas and Propagation, Feb. 2010".

#### a. Papers published/accepted/communicated in referred journals

S. N.	Publication	Title	Year of Publication
1.		Radar Cross Section Analysis of Compact G. Peano Square Fractal Patch Antenna	To be published
2.	<b>IEE / IET Microwaves, Antennas and Propagation</b>	<b>Design of fractal patch antenna for size and RCS reduction</b>	<b>Published on Feb. 2010</b>
3.	<b>Microwave and Optical Technology Letters (MOTL)</b>	<b>On the design of four layered circular microstrip patch antenna</b>	<b>Published on Oct. 2008</b>
4.	International Journal of Science and Research	Smart City Monitoring System using Wi-Fi	Jan. 2017
5.	International Journal of Microwave Engineering	Design of Printed Monopole for Microwave Communication	Published on Oct. 2016
6.	International Journal of Antennas	Proximity Ring Fed Multiband Printed Monopole Fractal Antenna	Published on Oct. 2016
7.	International Journal of Antennas	Verification of Multiband Characteristics in Iterative Fractal Antenna	Published on July. 2016
8.	International Journal of Science and Research	Weather Monitoring System Using Wi-Fi	2016
9.	International Journal of Electronics and Communication Engineering	Designing and Applications of PIC Microcontroller Based Green House	Published in 2015

		Monitoring and Controlling System	
10.	International Journal on Communication, Antennas and Propagation (IRECAP)	Review of physically small and electrically multi-wavelength fractal antennas for wireless communication	Accepted on Sept. 2012
11.	International Journal of Microwave and Optical Technology, USA.	Design of iterative circular shaped fractal antenna and its backscattering reduction	Published on Jan. 2011
12.	International Journal of Microwave and Optical Technology, USA. Also reviewed by IET	Backscattering investigation of modified Sierpinski multiband circular fractal antenna	Published on July 2010
13.	Technical Journal of Inst. of Engineers (India)-Pune	Proposed wireless technology - 4G- 2010	March 2004

### Research Papers presented / selected for oral presentation in conferences

S.N.	Name of Conference	Title of Paper	Year
1.	UGC-SAP and IEEE India SSCS and CASS Chapter sponsored National conference on Emerging Trends in Electronics and Computer Science (ETECS-2015), Department of Electronics , Shivaji University, Kolhapur	Compact Antennas, Fractals and Wireless Communication	Feb.13-14, 2015
2.	UGC-SAP and IEEE Bombay Section sponsored National conference on Latest Advances, Trends in Electronic Science and Technology (LATEST-2014), Department of Electronics , Shivaji University, Kolhapur	RF Hazards and Safety	Feb.14-15, 2014
3.	UGC-SAP and IEEE Bombay Section sponsored National conference on Latest Advances, Trends in Electronic Science and Technology (LATEST-2014), Department of Electronics , Shivaji University, Kolhapur	Gesture recognition systems and their applications	Feb.14-15, 2014
4.	UGC-SAP and IEEE Bombay Section sponsored National conference on Latest Advances, Trends in Electronic Science and Technology (LATEST-2014), Department of Electronics , Shivaji University, Kolhapur	Android based vehicle diagnostic and tracking system	Feb.14-15, 2014
5.	IEEE Int. Conf. on Wireless Information Technology and Systems (ICWITS), Maui, Hawaii, USA,	Super wideband fractal antenna for wireless communication (accepted for oral presentation and publication)	Nov.11-16, 2012.
6.	IEEE Int. Conf. on Wireless Information Technology and Systems (ICWITS), Maui, Hawaii, USA,	Small antennas, fractals and wireless communication	Nov.11-16, 2012.
7.	IEEE Int. Conf. on Wireless Information Technology and Systems (ICWITS), Maui, Hawaii, USA,	Band characteristics perturbation in multi-triangular slotted circular fractal antenna	Nov.11-16, 2012.
8.	3rd IEEE Int. Conf. on Sig. Process. Syst. (ICSPS), Yantai, China	Simplest multiband bandwidth enhancement technique for circular fractal antenna	Aug. 2011
9.	Recent Advances in Microwave Theory and Applications (21-24 Nov.-08) Jaipur Rajasthan / Available on IEEE Explore	Novel design of star shaped circular fractal antenna	Nov.2008
10.	International Conference on Progress In Electromagnetic Research (PIERS-2008), Cambridge, USA.	Design of four iterative circular shaped fractal antenna for wireless applications	July2008
11.	International Conference on Radio Science-2008, Jodhpur, India	Design of spaced dielectric and covered suspended circular microstrip patch	Feb.2008
12.	International Conference 38 <sup>th</sup> European Microwave Conf. Week (EuMIC-2008),Netherland,	Design of novel fractal based geometry for backscattering reduction	Oct.27-31. 2008

13.	International Conference ICECC-2008 , University of Rajshahi, Bangladesh	Design of microstrip fractal patch antenna and backscattering RCS reduction	June 2008
14.	National Conference On Sun Rising Technologies-2005, at Parshvanath College of Engg. Thane	Microcontroller based intelligent irrigation system	Nov.2005
15.	National Conference Innovations-2005 at BBSCOE, Fatehgarh (Sahib), Punjab	Intelligent irrigation : an embedded application	Nov.2005

**b. Review Papers Presented / Selected for oral –presentation**

S.N.	Name of Conference	Title of Paper	Year
1.	IET /IEE International Conference on Wireless Mobile Technology & Multimedia Networks, Mumbai	Next generation networks towards open wireless standards & software defined radio *available on ieeexplorer	Jan.2008
2.	IET/IEE International Conference on Wireless Mobile Technology & Multimedia Networks, Mumbai	Technological review of RFID, problems & applications *available on ieeexplorer	Jan.2008
3.	International Conference RSPS-2008, at KLCOE, Guntur, Hyderabad	Reconfigurable wireless communication	Feb.2008
4.	National Conference Innovations-2005 at BBSCOE, Fatehgarh (Sahib), Punjab	Evolution & advances in wireless mobile technology	Nov.2005
5.	National Conference Innovations-2005 at BBSCOE, Fatehgarh (Sahib), Punjab	Beyond 3g : 4g networks for future	Nov.2005
6.	National Conference On Emerging Trends In Embedded System at SNIST (Shrinidhi Institute Of Science & Technology), Hyderabad.	Smart sensing for intelligent irrigation selected for presentation	Nov.2005

**Thakare Yogesh B.**