

## Curriculum Vita

**NAME:- KAKADE ANANDRAO BAJIRAO**

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### **Academic Qualification:**

<b>Certification</b>	<b>University/Institution</b>	<b>Month &amp; Year of Passing</b>	<b>Marks /CGPA</b>
Ph.D.(RF& Microwave Engg.)	IIT Kharagpur	July-2010	-
M.Tech.(RF& Microwave Engg.)	IIT Kharagpur	May-2005	9.38 CGPA
GATE -2003	Ministry of HRD	March-2003	99.59 Percentile
B.E.(Electronics)	Shivaji University, Kolhapur	June-2001	75.13 %
Diploma ( Electronics )	B.T.E., Mumbai	April-1998	74.95 %
H.S.C.( 12 <sup>th</sup> )	Kolhapur Board	March-1995	67.17 %

### **Project Work Undertaken:**

- Modal Analysis and Mode Excitation of Multilayer Hemispherical Dielectric Resonator Antennas using an efficient computation technique (**Ph. D., IITKharagpur**).
- Smart Antennas in Wireless communication (**M. Tech, IITKharagpur**).
- Signal Analyzer in DSP for Male/ Female Voice Recognition & Character Recognition (B.E.)
- Microprocessor based ON-OFF Temperature Controller with dead band.(Diploma).

### **Teaching Experience:**

<b>Name of the Institute</b>	<b>Experience</b>	<b>Designation</b>	<b>Subjects Taught</b>
Rajarambapu Institute of Technology, Sakharale.	2 Year	Lecturer	<b>Undergraduate</b> 1) Electromagnetic Engineering. 2) Microwave Engineering.
	1 Year	Lecturer	<b>Post Graduate</b> 1) Statistical Communication

## Skill Set:

<b>Operating Systems</b>	:	Windows
<b>EDA Tools</b>	:	Ansoft High Frequency Structure Simulator (HFSS), CST Microwave Studio.
<b>Algorithm development</b>	:	MATLAB
<b>ALP</b>	:	Intel 8085, Intel 8086

## Industrial Experience:

- Worked as a Service Engineer for Ten months in Elcome Services Pvt. Ltd. Mumbai.
- Three years experience of private Transistor Radio & Television repairing.

## Special Courses:

- One year full time course in Transistor Radio & Television Servicing conducted by ITES Bombay (1992 to 1993).

## List Of publications:

- [1] A. B. Kakade and B. Ghosh, "Inclined Slot Coupled Hemispherical Dielectric Resonator Antenna," *Microwave Opt. Tech. Lett.*, Vol. 50, No. 6, pp. 1527-1530, June 2008.
- [2] A. B. Kakade and B. Ghosh, "Efficient Technique for the Analysis of Microstrip Slot Coupled Hemispherical Dielectric Resonator Antenna," *IEEE Antennas Wireless Propagat. Lett.*, Vol. 7, pp. 332-336, July 2008.
- [3] P. Abdulla, A. B. Kakade, Y. K. Singh, and A. Chakrabarty, "Analysis of Dielectric Resonator Antenna Excited by A Slot At the Waveguide Shorted End," *Microwave Opt. Tech. Lett.*, Vol. 50, No. 5, pp. 1356-1359, May 2008.
- [4] B. Ghosh, S. Ghosh, A. B. Kakade, "Investigation of Gain Enhancement of Electrically Small Antennas using Double Negative, Single Negative and Double Positive Materials," *Physical Review E*, Vol. 78, pp. 026611-1 to 026611-13, August-2008.
- [5] A. B. Kakade and B. Ghosh, "Efficient Technique for the Analysis of Coaxial Probe Coupled Hemispherical Dielectric Resonator Antenna," *Microwave. Opt. Tech. Lett.*, Vol. 52, pp. 1588-1591, July 2010.
- [6] A. B. Kakade and B. Ghosh, "Mode excitation in the Coaxial Probe- Coupled Three-Layer Hemispherical Dielectric Resonator Antenna," Communicated for publication in *IEEE Transactions on Antennas and Propagation*.

## Special Interests & Activities:

- Switching & Relay control by 8085-Microprocessor for Electric Lighting Decorations used in Ganesh & Durga Pooja festivals. Practical experience of 5 years.
- Participation in Concepts - 2001, National Level Exhibition held at PICT, Pune.

**Accolades:**

- Best Outgoing Student in studies, award by EESA.
- Awarded by ESSA for stood I<sup>st</sup> Position in B.E. (Electronics)
- Awarded by Builders Association of India (B.A.I) for stood I<sup>st</sup> Position in Diploma Course.

**Hobbies:**

- Listening Music, Watching Cricket, Dancing.

**Language Known:** English, Marathi & Hindi

**Personal Information:**

Date of Birth : 15<sup>th</sup> April 1975  
Gender : Male  
Nationality : Indian

**Permanent Address** : At Chahur, Post- Krishna Nagar,  
Tal. & Dist. Satara, Maharashtra State. PIN-415 003

**Local Address** : Rajarambapu College of Engineering, Staff quarters near girl's  
hostel, Sakharale, Islampur, Tal. Walwa, Dist. Sangli,  
Maharashtra, India. PIN- 415 414.