

Resume

Mr. Kiran Ramesh Rathod

PhD (pursuing) EXTC
M.E. (Digital Electronics)
B.E. (Electronics & Telecommunication)

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Objective

To establish myself in the field of education, to utilize my skills and experience to help students to achieve high improvements in academics.

Qualification:

PhD (pursuing) in Electronics and Telecommunication Engineering from Thakur College of Engineering & Technology, Kandivali, Mumbai. (Mumbai University).

PhD (Course work) completed in Electronics and Telecommunication Engineering from Thakur College of Engineering & Technology, Kandivali, Mumbai. (Mumbai University) in 2014-15 (9.25 pointer).

M. E. in Digital Electronics (Electronics Engineering) from Sipna's College of Engineering & Technology, Amravati. (Amravati University) in 2011.

B. E. in Electronics and Telecommunication Engineering from Babasaheb Naik College of Engineering, Pusad (Amravati University) in 2002.

Academic:

Post-Graduation

Sipna's College of Engineering & technology,
Amravati
Year: 2011

M.E. (Digital Electronics)
Percentage: 67.19%
Amravati University

Graduation

Babasaheb Naik College of Engineering
Pusad
Year: 2002

B.E. (Electronics & Telecommunication)
Percentage: 63.70%
Amravati University

H. S. C

Dinbai Mahavidyalay
Digras
Year: 1996

Science
Percentage: 64.33%
Amravati Board

S. S. C.

Dinbai Mahavidyalay
Digras
Year: 1994

Science
Percentage: 80.71%
Amravati Board

Teaching Experience:

A) Working as an Assistant Professor (Full time) in K. J. Somaiya Institute of Engineering and Information Technology, Sion, Mumbai from 16th March 2007 to till date. (12 years & 6 months)

B) Worked as a lecturer in K. J. Somaiya Institute of Engineering and Information Technology, Sion, Mumbai from 21 August 2006 to 16th March 2007. (7 Months)

C) Worked as a Lecturer in Vasant Dada Patil College of Engineering, Sion, from 25 July 2006 to 21 August 2006 (1 Months).

D) Worked as a Lecturer in Shah & Anchor Polytechnique, Chembur, from 08 August 2005 to 21 July 2006 (1 Years).

Total Teaching Experience: 14 years 2 months.

Industrial Experience:

Worked as a service & Testing Engineer in Hi-tech Electronics Pvt. Ltd., Navi Mumbai from 1 March 2003 to 7 August 2005. (2.5 years)

Industrial Experience: 2 years & 5 Months

Total Experience: 16 years & 7 Months

Awards and Achievements:

- Title of Paper:** Parametric Study of Wearable Annular Ring Textile Antenna using Woven and Non-woven Polyester Fabrics.
Authors: Kiran R. Rathod¹, B. K. Mishra²
Conference details: 12th International conference on Microwaves, Antenna, Propagation and remote sensing ICMARS 2017 Jodhpur, India, Feb. 15-17, 2017 pp 146-149.
Award: Awarded with certificate of excellence for achieving Second Rank for paper presentation at ICMARS 2017.
Organized by: International Center for Radio Science (ICRS), Jodhpur.

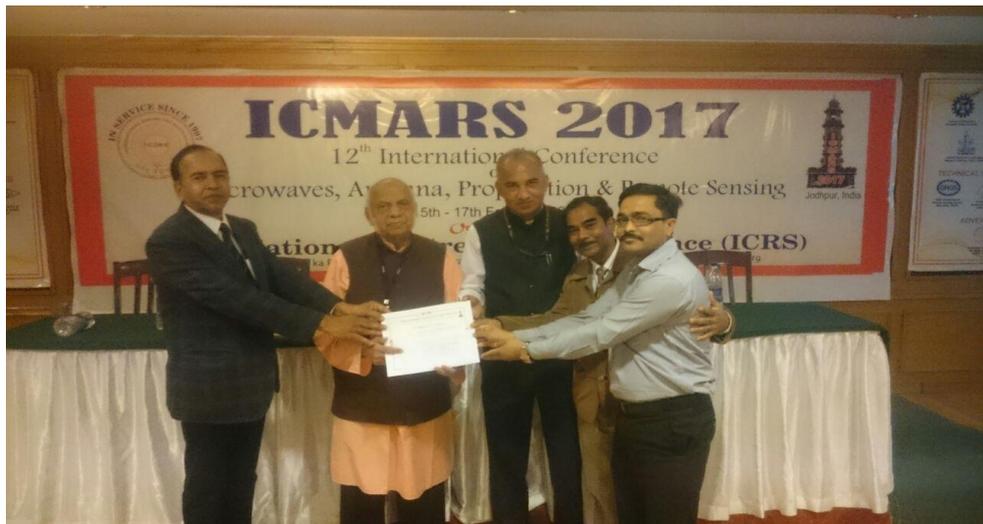


Fig. 1 Received Award (second Rank) and certificate of excellence from ICRS Chairman

- Nominated for Somaiya award in Research Category for 2016-17.
- Nominated for Somaiya award in Research Category for, 2017-18.

Consultancy Project/Minor research:

1. Successfully completed the consultancy project "Real Time Location System for Small Fishing Boats" in association with Databyte systems and solutions and KJSIEIT in the academic year 2014-16.
2. Currently handling the consultancy project "Design of Microstrip antenna for street light communication" in association with Acewin solutions and KJSIEIT in the academic year 2017-18.
3. Currently handling the consultancy project "Development of Heat Therapy Unit for disease free Sugar Stem" in association with KIAAR and KJSIEIT in the academic year 2017-18.
4. Currently handling the consultancy project "Upper Air Sounding System (UASS)" in association with Databyte systems and solutions and KJSIEIT in the academic year 2018-19.
5. Received minor research grant of Rs. 25,000=00 for the research project "Design and Development of Rectangular slot and Annular Ring Slot Wearable Broadband Circularly Polarized Textile Antenna for Medical Application" for the academic year 2016-17.
6. Received minor research grant of Rs. 35,000=00 for the research project ""Design of Microstrip array Antenna for bandwidth enhancement"." for the academic year 2013-14.

CONFERENCE:

International Conference/Journal:

S. N	Title of Paper	Journal/conference Details
1.	Analysis of Woven and Non-woven Polyester Fabrics Made Flexible CP Annular Ring Textile Antenna	International Journal of Electronics, Communication, and Measurement Engineering (IJECME) (IGI Global Disseminator of Knowledge) Volume 8 Issue 2 Article 4 July-December 2019. DOI: 10.4018 /IJECME.2019070104 ISSN: 2578-7551 (IET Inspect Indexing)
2.	Low Cost Dual Band Circularly Polarized Textile Antenna Using Electro-textile and Polyester Fabrics	International Journal of Microwave and Optical Technology A Publication of the International Academy of Microwave & Optical Technology (IAMOT) Reno, NV 89511, U.S.A. IJMOT-2018-8-1641-C-2019 IAMOT Volume 14 No. 1 January 2019 ISSN: 1553-0396. (Scopus Index Journal)
3.	Design and Fabrication of VHF Yagi-Uda antenna for Durdrishti Ground Station	Published In International Journal of Emerging Technologies and Innovative Research (JETIR) (www.JETIR.org) UGC Approved (Journal No: 63975) Volume 6 Issue 6 ISSN 2349-5162 June 2019.
4.	Indoor Positioning System	Published In International Journal of Emerging Technologies and Innovative Research (JETIR) (www.JETIR.org) UGC Approved (Journal No: 63975) Volume 6 Issue 6 ISSN 2349-5162 June 2019.
5.	Wideband Circularly Polarized Annular Ring Stacked Textile Antenna Using Polyester Fabrics	International Conference on Trends in Electronics & Communication (TELCON 2019) on 22-23 rd February 2019 Venue: Thakur College of Engineering and Technology, Mumbai.

6.	Indoor Positioning system	International Conference on Trends in Electronics & Communication (TELCON 2019) on 22-23 rd February 2019 Venue: Thakur College of Engineering and Technology, Mumbai.
7.	Design and Fabrication of VHF Yagi-Uda Antenna for Durdrishti Ground Station	International Conference on Trends in Electronics & Communication (TELCON 2019) on 22-23 rd February 2019 Venue: Thakur College of Engineering and Technology, Mumbai.
8.	Design of Low Cost RF Harvesting System Using Wearable Circularly Polarized Microstrip Textile Antenna	Advances in Wireless and Mobile Communications Journal Volume: 11, No. 1, 2018 (special issue) ISSN 0973-6972 RIP
9.	Design and Development of Meandering Antenna for Smart City Automated Streetlight System	Advances in Wireless and Mobile Communications Journal Volume: 11, No. 1, 2018 (special issue) ISSN 0973-6972 RIP
10.	Design of Wearable Wide Band CP Annular Ring Slot Textile Antenna using Polyester	Published by McGraw Hill Pub. 2018 and presented in CETE2018.
11.	Study and Analysis of Wearable Notch Cut CP Circular Patch Textile Antenna using Woven Polyester Fabrics	IEEE-EECCMC conference ISBN: (978-1-5386-4304-4/18/\$31.00©2018 IEEE) Date: 28 Jan - 29 Jan 2018 PEC, Vaniyambadi, Vellore, Tamil Nadu, India.
12.	Microstrip-Line-Fed Wearable Annular Ring Slot Textile Antenna Using Woven Polyester Fabrics	Published in Tata McGraw Hill Journal 2017 and presented at ICWET 2017. ISBN(13):978-93-5260-531-6 ISBN (10): 93- 5260-531-4
13.	Parametric Study of Wearable Annular Ring Textile Antenna using Woven and Non-woven Polyester Fabrics	12th International conference on Microwaves, Antenna, Propagation and remote sensing ICMARS 2017 Jodhpur, India, Feb. 15-17, 2017 pp 146-149.
14.	Performance Comparison of Microstrip Array Antenna with Single Microstrip Antenna.	Published in IJCTER Journal -ISSN 2455–1392, Volume 2, Issue 4; April 2016 pp. 349 – 355.
15.	Design & development of High Gain Microstrip Patch Array	Published in IJCTER Journal -ISSN 2455–1392, Volume 2, Issue 4; April 2016 pp. 397-407
16.	Performance Evaluation of Linearly polarized, Circularly Polarized Corner Cut square Using Coaxial Feed and Rectangular Slot Textile Antenna Using CPW Feed at 2.45 GHz	Published in IET digital Library (DOI: 10.1049/cp.2016.1119 ISBN: 978-1-78561-307-4 and Presented in ICWET 2016), Mumbai, India, 26-27 Feb. 2016.
17.	Performance Evaluation of Wearable Wideband Circularly Polarized Textile Antenna using Copper as a Conducting Material of the Patch and Ground Plane at 2.45 GHz	Published in IJMTER Journal e-ISSN No.:2349-9745 and presented in ICRTET 2015 at Chandwad, Nasik Maharashtra Date:2-4 July, 2015
18.	GUI Based Mobile Robot	Published in IJETR Journal Volume 03 Issue 02 (February 2015)

19.	Performance Evaluation of Wearable Textile Antennas with Different Shapes of the Patch and Different Insulating Fabrics as Substrate	Published in ELSEVIER Journal publication 2014 ISBN NO. 978-93-5107-221-8, Date: 28-30 March, 2014 and presented in ICR Tet 2014 at Chandwad, Nasik Maharashtra.
20	Effect of Substrate Height on Wearable Circularly Polarized Textile Antenna of Square Patch with Truncated Corners.	presented in International Conference on "Emerging Trends In Technology & Its Applications" (ICRTET 2014) SES/YTCEM/ICETTA-14 (ISBN-978-81-923777-7-3)
21.	Design & development of Circularly Polarized Wearable Antenna Using Fabrics as Substrate Material	presented in International Conference on "Emerging Trends In Technology & Its Applications" (ICRTET 2014) SES/YTCEM/ICETTA-14 (ISBN-978-81-923777-7-3)
22.	Circular Microstrip Textile Antenna.	IJSRTM Journal Vol. 1(2), April 2013, pg 118-124.
23.	Simulation and Implementation of Elliptical Microstrip Antenna at 750 MHz. (IJSRTM)	IJSRTM Journal Vol. 1(2), April 2013, pg 125-132

National Conference/ Journal:

Conference Name	Title	Date	Venue
National Conference on "Innovations in Electronics & Information Technology" (IEIT-2009)	"Design of Micro-strip-fed Micro-strip Antennas Array"	October 5-6, 2009	Vidyalankar Institute of Technology, Wadala, Mumbai
National Conference on "Emerging Trends in Computer Technology" (NCETCT-2009)	"Bandwidth Enhancement Of Micro-strip-Fed Micro-strip Array Antennas With Increase In Patch Height"	December 21-22, 2009	Sarswati College of Engineering Kharghar, Navi Mumbai
National Conference on "Emerging Trends in Computer Technology" (NCETCT-2009)	Simulation Results For Coverage & Performance Improvement For CDMA 2K 1xNetwork	December 21-22, 2009	Sarswati College of Engineering Kharghar, Navi Mumbai
A National level Technical symposium (Vidyotan 2010)	"Bandwidth Enhancement using Micro-strip fed micro-strip array antenna"	Jan. 2010	Sipna's College of Engineering & technology, Amravati
National Conference on "Advancement in Computer and Information Technology" (NCACIT-2015)	GUI Controlled Mobile Robot	9 th -10 th Jan. 2015	D. Y. Patil College of Engineering, Talegaon, Pune

STTP And Workshop:

Sr. No	Name of the Course/Training Program	Duration		Organization/ Institution
		From	To	
1	Microwave Integrated circuit Design	8 th January 2007	14 th January 2007	K. J. Somaiya Institute of Engineering & Information Technology, Sion, Mumbai
2	Image Audio & Video Data compression	7 th January 2008	18 th January 2008	K. J. Somaiya Institute of Engineering & Information Technology, Sion, Mumbai
3	AICTE-ISTE Sponsored "Effective Teaching Approaches & methods"	23 rd June 2008	27 th June 2008	K. J. Somaiya Institute of Engineering & Information Technology, Sion, Mumbai
4	RF and Microwave Design and Fabrication	30 th June 2008	11 th July 2008	Don Bosco Institute of Engineering, Kurla, Mumbai
5	Wireless Communication and Networking	13 th July 2009	17 th July 2009	K. J. Somaiya Institute of Engineering & Information Technology, Sion, Mumbai
6	Neural Network and Fuzzy System	4 th January 2010	8 th January 2010	K. J. Somaiya Institute of Engineering & Information Technology, Sion, Mumbai
7	Mobile Technology :Current Trends and future directions	31 st May 2010	4 th June 2010	K. J. Somaiya Institute of Engineering & Information Technology, Sion, Mumbai
8	LaTex for windows	5 th February 2011	5 th February 2011	K. J. Somaiya Institute of Engineering & Information Technology, Sion, Mumbai (Program Coordinator)
9	Microwave Engineering: Design Aspects, Applications and Hazards	20 th January 2012	21 st January 2012	Xavier Institute of Engineering, Mahim, Mumbai
10	"Research Methodology and related open source Tools"	17 th Dec. 2012	21 st Dec. 2012	K. J. Somaiya Institute of Engineering & Information Technology, Sion, Mumbai. (Program Coordinator)
11	Recent Trends and Applications in Signal Processing	26 th Nov. 2013	6 th Dec. 2013	Jawarharlal Darda Institute of Engineering and Technology, Yavatmal
12	National Symposium on "Evangelizing Internet of Things" (IoT)	5 th October 2015	5 th October 2015	K. J. Somaiya Institute of Engineering & Information Technology, Sion, Mumbai
13	The New Generation 4G and 5G Innovations, Research, Scope and Limitations	17 th Nov. 2015	21 st Nov. 2015	K. J. Somaiya Institute of Engineering & Information Technology, Sion, Mumbai
14	NPTEL Awareness Workshop	8 th January 2016	8 th January 2016	K. J. Somaiya Institute of Engineering & Information Technology, Sion, Mumbai
15	AICTE Sponsored QIP Program on " Antennas, RF and Microwave System Design"	8 th March 2016	13 th March 2016	Veermata Jijabai Technological Institute Matunga Mumbai

16	NAAC – Process Criteria and Audit	25 th April 2016	29 th April 2016	K. J. Somaiya Institute of Engineering & Information Technology, Sion, Mumbai
17	Research meet 2018	5 th Jan. 2018	5 th Jan. 2018	Thakur College of Engg. and Technology, Kandiwali, Mumbai
18	Practical Electromagnetics for Modern Antennas, RF and Microwave Designs	9 th March 2018	10 th March 2018	K. J. Somaiya Institute of Engineering & Information Technology, Sion, Mumbai. (Program Coordinator)
19.	Electromagnetics Microwave, RF and Antenna Design using ANSYS HFSS Tool Flow	25 th March 2019	29 th March 2019	Entuple Technologies Pvt. Ltd. Bangalore, India.
20.	AICTE-ISTE approved FDP on “Recent Trends and Development in Modern Antennas, RF and Microwave System”	1 st July 2019	6 th July 2019	K. J. Somaiya Institute of Engineering & Information Technology, Sion, Mumbai. (Program Coordinator)

Subject Taught:

- Microwave and Radar Engineering
- Basics of Electrical and Electronics Engineering
- Microwave Devices & Components
- Fundamental of Microwave Engineering
- Digital Communication
- Antenna and Wave Propagation
- Electrical Network
- Computer Communication Network
- Advance Microwave Engineering
- Applied Electronics
- Electronics Measuring Instruments
- Network security
- Computer Architecture & Organization
- Microwave Engineering

Area of Interest:

- Microstrip Antenna
- Wearable Broadband extile Antenna
- Microwave Engineering

Computer skill set:

- Antenna software (IE3D, HFSS, CST MW Studio, CAD-FECO, ADS)
- Operating systems: Windows and DOS

- Matlab

Hobbies:

Social work, Listening music and traveling.

Personal Information:

Date of Birth	06 Feb. 1978
Gender	Male
Marital status	Married
Languages Known	English, Hindi, Marathi
Permanent Address:	Mr. Kiran Ramesh Rathod B-52, Ujala co-op. Housing Society, Plot No. 1B, Sector-1, Airoli, Navi Mumbai, 400708

Mr. Kiran R. Rathod
Asst. Professor