

Somaiya Vidyavihar University

Name: Dr. Anudeepa S. Kholapure		E-mail: anudeepkholapure@somaiya.edu		
Contact No: 022-66449319				
Department/Section: Electronics and Telecommunication				
College: K J Somaiya College of Engineering				
DOJ 05/08/2002	Somaiya:	Career Experience: 20 Yrs	Industry Experience: Nil	Teaching Experience: 20 Yrs
Present Academic Designation: Assistant Professor			Present Administrative Designation: Associate HOD	

Area of Research/Specialization and Courses Delivered
<p>Research domain/interests/areas</p> <ol style="list-style-type: none"> 1. UWB, MIMO and Reconfigurable Antennas 2. Cryptography and Network Security <p>Courses Delivered</p> <ol style="list-style-type: none"> 1. Electrical Network Theory 2. Elements of Electronics and Electrical Engineering 3. Network Security 4. RF Filters and Antennas 5. Professional Skills and Programming Techniques (PhD Lab Course) 6. Hardware Design laboratory Course 7. Cryptography and Network Security

Recognition as a teacher by any University	UG: Yes	PG: Yes	Ph.D : Yes
<p>Details of Recognitions</p> <ol style="list-style-type: none"> 1. Approved faculty and guide for UG, PG and Ph.D program under SVU 2. Approved faculty and guide for UG and PG program under Mumbai University 			

Education					
Examination	Name of the Degree	University/Board	Institute/College	Year	CPI/SPI/ % Marks
Ph.D	Electronics Engineering	Mumbai	K J Somaiya College of Engineering, Mumbai	Jan 2020	
PG	Electronics and Telecommunication	Mumbai	Vivekanand Education Society's Institute Of Technology, Mumbai	Feb 2010	Distinction
UG	Electronics and Telecommunication	Amravati	V. Y. W. S College of Engineering, Badnera.	2001	Distinction

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Notable Experience Details					
Sr. No	Name of the organization	Designation	Date of Joining	Date of Leaving	Experience (Years)
1.	K J Somaiya College of Engineering, Mumbai	Assistant Professor	05/08/2002	Till date	20

Research Accomplishments and Projects		
No of students pursuing Ph.D as on date: Nil		No of students completed Ph.D as on date: Nil
No of students completed PG thesis / Project work as on date: Nil		No of students / groups completed UG projects as on date: 36
Publications Total: 11	Number of Peer review Journal papers: 01	Number of Conference papers: 10
<p>Details of Publications:</p> <p>International Journals</p> <p>A. S. Kholapure, Dr. R. G. Karandikar “UWB Antenna With Reconfigurable Triple Band Notched Characteristics For Cognitive Radio” ICTACT Journal of communication technology, ISSN 2229-6948, Sept 2017, Vol No.8, Issue 3,1553-1558.</p> <p>Conferences</p> <p>Vandana Satam, Chaitali Kulkarni and Anudeepa Kholapure “Microstrip Antenna as a Temperature Sensor for IoT Application” 1st IEEE International Conference Microwave, Antennas, and Propagation Conference (MAPCON) ,IEEE MTT/AP Society Bangalore Jt. Chapter MAPCON 2022, Bangalore, December 13-15, 2022.</p> <p>A. S. Kholapure and R. G. Karandikar presented paper on “Printed MIMO antenna with Reconfigurable Single and Dual Band Notched Characteristics for Cognitive Radio” 2017 IEEE International Conference on Antenna Innovations and Modern Technologies for Ground, Satellite and Aircraft Applications (iAIM 2017), Nov</p> <p>A. S. Kholapure and R. G. Karandikar presented paper on “Emerging Techniques for Printed Reconfigurable Antenna: A Review”, 2016 second IEEE international conference on Research in computational Intelligence and communication Networks (ICRCICN 2016), Sept 23-25, 2016, RCIIT, Kolkatta.</p> <p>A. S. Kholapure and R. G. Karandikar presented paper on “Reconfigurable Multiband Antenna for Wi-Fi and C – Band Application” on 11th international conference on Microwaves, Antenna, Propagation and Remote Sensing (ICMAR 2015) on 14 Dec, 2015, Jodhpur, India.</p> <p>A. S. Kholapure, A. Agarwal, K. Aurobindo, S. Nema “Design of Timing Signal Generator (TSG) for low and medium PRF RADAR using FPGA ” in Second International Conference “Advances in Computer Vision and Information Technology (ACVIT 2009)”, Dr. Babasaheb Ambedkar Marathwada University Aurangabad, Maharashtra 431004, India, December 2009.</p> <p>A. S. Kholapure, A. Agarwal, K. Aurobindo, S. Nema , “Design of a Timing Signal Generator (TSG) for RADAR using FPGA” Second International Conference on “Emerging Trends in Engineering and Technology (ICETET 09)”, Nagpur.</p>		

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National Conferences

A. S. Kholapure ,A. Agarwal, K. Aurobindo, S. Nema “Implementation of a Timing & Control Signals for RADAR system using VHDL” at National Conference on “Emerging Trends in Electronics and Telecommunication: Vision 2020” ,Jodhpur,Rajasthan,7th -8th March 2009

A .S. Kholapure and V. Anerao , “Safety Issues of Wireless LAN” International Conference on Emerging Technologies in Telecommunication Convergence, IETE Mumbai Centre ,Mumbai , Maharashtra, Jan 12-14, 2007.

A .S. Kholapure and V. Anerao , “A Journey to DWDM” National Conference on Emerging Trends in Electronics and Instrumentation, VESIT, Mumbai, Maharashtra, Jan 12-13, 2007.

A .S. Kholapure, “Overview on Radio Telemetry” National Conference on Trends in Telecomm Transmission: Copper to Fiber, KJSCE Mumbai, Maharashtra, March 17 – 18, 2006.

Books/Book Chapters

Reviewed five chapters of EN chapters of book “Network Analysis and Synthesis” from Mc Graw Hill Education, 15th March 2019.

No of Research / consultancy / projects completed:01 Rs: <u>25000</u>	No of Research / consultancy / projects on-going: Nil Rs:	No of Research / consultancy / projects on applied as on date: Nil Rs:
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Details of Research / consultancy / projects:

Completed

Design and Development of Passive Temperature Sensor for IOT Application (Mumbai University Minor Grant)

FDPs/Seminars/Workshops/Training Programs Attended/ Organized/ Delivered

Attended

1. “Python for Data Science”, NPTEL July – August 2022
2. “Data Science for Engineers”, NPTEL, July –September 2021
3. “LaTeX101x: LaTeX for students, Engineers and Scientists” organized by IITBombayX, 24th September- 2nd December 2019.
4. “Cryptography and Network Security” organized by Indian Institute of Technology Kharagpur, (Jan –April 2019)(12 weeks)
5. “Accreditation and outcome based learning” organized by NPTEL August – October 2019. (8 weeks)
6. “Analysis and Design Principles of Microwave Antennas”, IIT Kharagpur, August –September 2018 (8 weeks).
7. “Designing Learner centric MOOCs” NPTEL. (4 weeks)

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Organized

- Member of organizing Committee for one week ISTE approved STTP on “Internet of Things: Multidisciplinary Approach for Future Innovations” Jan 02-06, 2023 organised by Electronics and Telecommunication Engineering in association with ISTE faculty Chapter KJSCE and IQAC-KJSCE.
- Online expert lecture on “Understanding the Review Process in Paper Publication” by Dr. Surendra Rathod, SPIT, Mumbai, for faculty, Ph.D SVU and M.Tech students, 1st June 2021
- Online expert lecture on “Skills for Organized Research” by Dr. Shrikant Joshi, VIIT, Pune, for faculty, Ph.D SVU and M.Tech students, 25th May 2021
- Online expert speaker on "Research Paper Writing -Do's and Dont's " for faculty, Ph.D,SVU and M.Tech students, 8th June 2021.
- Organized an online expert lecture for TY B.Tech students on "Applications and Opportunities in RF and Microwave Domain" by Dr. Shivraj Rathod, Bharat Forge Ltd, Pune.
- CST Microwave suite workshop for TY students, KJSCE Jan 2020.
- Workshop on “Learning Management System” for faculty, K. J. Somaiya College of Engineering
- Technical committee member for one week Short Term Training Program on “RF Antenna: Design and Analysis”, at KJSCE, Mumbai from 18 – 23 June 2018.
- Co-ordinator for one week Short Term Training Program (STTP) on “Advances in antenna and RFIC/MMIC Design” at KJSCE, Mumbai from 24th -28th June’ 2013.
- Organized lecture on “Cell Tower Radiations: It’s Hazards and Solution” for faculty and M.E., T.E. students of the department, delivered by Dr. Girish Kumar, IITB on 5th March , 2013.
- Coordinator for laboratory session during **two week** Short Term Training Program on “Telecommunication Networks”, organized by KJSCE Vidyavihar, Mumbai-77, **May 16 –May 27, 2005. (2 weeks)**
- Coordinated workshop on NEC open source software for T.E. students on 2nd February, 2013.
- Organized workshop on Spoken Tutorial on Scilab on 14th Aug, 2012 and 1st Sep, 2012.
- Seminar on Institute level research project titled “Design and Fabrication of Microstrip Components” on 15th January 2012.

Delivered

1. Webinar on “Antenna Engineering” for Maharashtra State Police Wireless Police department, Thane city on 12th December 2020.
2. Lecture on “Introduction to VHDL and its applications” for S.E. EXTC students at Don Bosco Institute of Technology, Vidyavihar on 7th October 2011.
3. Lecture on “Introduction to VHDL and its applications” for S.E. EXTC students at Don Bosco Institute of Technology, Vidyavihar on 6th April 2011.

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Notable Positions and Responsibility	
1.	Associate head (July 2021 – till date)
2.	Department Ph.D Coordinator (July 2020 –till date)

Date: 07 / 02 / 2023

Dr. Anudeepa S Kholapure
Signature of Faculty Member