


**DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING**

Name	Nitin Kashinath Rahate	
Designation	Asst. Prof.	
Date of Birth	17-12-1984	
Highest Qualification	M.E.	
Specialisation	Electronics	
Teaching experience	10 Years	
Industrial Experience	-	
Email id	rahatenitin123@gmail.com	
Date of joining	17-07-2008	

No .of Papers presented/published (National conferences)	2
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Details	<ol style="list-style-type: none"> <li>1. N. K. Rahate, “Wireless charging of cell phones using microwave”, presented at national Conference on Allied trends of engineering for development of Technological Aspects, held at D. E. S. College of engineering and technology, Dhamangaon Rly. (Maharashtra), India.</li> <li>2. N. K. Rahate, “Design and development of AM broadcasting system of voice and data”, Submitted at national Conference on Communication, Antenna and signal processing (CASP-2011), held at Dr. Babasaheb Ambedkar Technical University in association with IETE Navi Mumbai, Lonere (Maharashtra), India</li> </ol>
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No.of Papers presented/published (International conferences)	5
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Details	<ol style="list-style-type: none"> <li>1. N. K. Rahate, R. T. Patil, “Design and development of am broadcasting system of voice and data” International journal of new trend in electronics and communication, Institute of research in engineering and technology, Volume 1, issue 2, ISSN: 2394-3696.</li> <li>2. N. K. Rahate “Design and development of am broadcasting system of voice and data” International Journal of Innovations in Engineering Research and Technology.</li> <li>3. N. K. Rahate, V. V. Mainkar, “Comparative study of NAND gates using different static logic styles” Imperial journal of interdisciplinary research, Volume3, issue 4, ISSN: 2454-1362.</li> <li>4. N. K. Rahate, “ Design and development of AM broadcasting system of voice and data”, presented at International Conference on Computing, Communication and Energy System (ICCES-2016) , held at R.I.T, Rajaramnagar, Islampur (Maharashtra), India.</li> <li>5. N. K. Rahate, “ Arduino based hybrid power auto cycle”, presented at IEEE sponsored Second International Conference on Electronics, communication and Aerospace Technology (ICECA-2018) , held at R.V.S, technical campus, Coimbatore, Tamilnadu, India.</li> </ol>
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No.of seminars	
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Details	
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No.of STTP/Workshops	7
Details	<ol style="list-style-type: none"> <li>1. IIT Bombay X: FDP101x 5 week Foundation Program in ICT for Education Course Journal on “” conducted by IIT Bombay, Mumbai, During 18th march 2018 to 22 April 2018</li> <li>2. AICTE approved one day training program on “Arduino based systems” organized by Electronics and telecommunication department, conducted by SYS computer, Mumbai on 5th January 2018.</li> <li>3. ISTE approved STTP on “Mobile ADHOC networks &amp; simulation ”, organized by Computer engineering department, S. S. P. M’S Coe, Kankavli, during 9th -13th January 2012.</li> <li>4. ISTE approved STTP on “Advanced Digital Signal Processing (STTP-ADSP 2011)”, organized by Electronics &amp; Telecommunication engineering department, S. S. P. M’S Coe, Kankavli, during 26th -30th December 2011.</li> <li>5. ISTE approved STTP on “Recent Trends in Electrical Engineering (under the lead college scheme of Shivaji University, Kolhapur)”, organized by Electrical engineering department, R. I. T., Sakharale, during 2nd -6th May 2011.</li> <li>6. ISTE approved STTP on “Application of MATLAB in Communication Engineering” , organized by Electronics &amp; Telecommunication engineering department, S. S. P. M’S Coe, Kankavli, during 28th December 2009 -1st January 2010.</li> <li>7. Orientation Workshop on “ Digital techniques and microprocessor” organized by M. S. B. T. E. , Nagpur, during January 2008</li> </ol>
No. of projects guided at UG level	10
Details	<ol style="list-style-type: none"> <li>1. Computerized pick &amp; place robotic model.</li> <li>2. GSM dialing based load shading.</li> <li>3. Xbee based gadget for the queueing system.</li> <li>4. Broad casting of voice &amp; data signal using ISB.</li> <li>5. Controlling home appliances using hand gesture.</li> <li>6. wireless switch using zig -bee module.</li> <li>7. Image stegnography using DES Encryption.</li> <li>8. Arduino Based Home Automation.</li> <li>9. Home Automation using Raspberry PI.</li> <li>10. Arduino Based Hybrid Power Autocycle.</li> </ol>
Membership in Professional Bodies	ISTE (LM 65598)
Research / Sponsored / Consultancy Projects	-
Awards / Honours / Prizes	GATE 2018,NPTEL (Cryptography and network security )
No.of Books published	-
Details	-