Name	Mr. Tatugade Ajit Anandrao
Designation	Assistant Professor & HOD EXTC Dept.
Qualification	M.E. EXTC.
Specialization	Computer Communication Network; Electronic Communication & Fiber Optic Communication Engineering.
E-mail address	tatugadeaa@rmcet.com hodextc@rmcet.com
Date of Joining the Institution	04/07/2005.

Experience	Teaching	16 years	Industrial	2 years
No of Papers Published in Journals	National	03	International	08
No of Papers published in Conferences	National	10	International	03

List of Papers Published in National/International Journals	
	1. A. A. Tatugade, C. U. Shinde, S. S. Mane, M. M. Kazi, ans S. D. Matane. "Review paper on- Diesel Generator Automatic Monitoring System", in UGC Approved International Journal for Research in Engineering Application & Management (IJREAM) ISSN: 2454-9150, @2019, Special Issue – CTRD – 2018, pp-87	CTRD201802 to 89	CTRD201802.
	2. "A. A. Tatugade, A. E. Naik, S. S. Pashte, A. A. Kadam, A. D. Girkar, "Review paper on-Rider Protective & Assistive Bike", in UGC Approved International Journal for Research in Engineering Application & Management (IJREAM) ISSN: 2454-9150, @2019, Special Issue – CTRD – 2018, pp-84	CTRD2018023 to 86	CTRD2018023.
	3. A. A. Tatugade, S. R. Jadhav, H. R. Kulkarni, "Review Paper: Three Level Password Authentication" in UGC Approved International Journal for Research in Engineering Application & Management (IJREAM) ISSN: 2454-9150, @2019, Special Issue – CTRD – 2018, pp-99	CTRD2018028 to 102	CTRD2018028.
	4. A. A. Tatugade, U. R. Bhosale, S. C. Shinde, R. R. Bhurke and A. A. Bhat. "Windmill Automation", in the International Journal of Engineering Science Invention Research & Development (IJESIRD); e-ISSN: 2349-6185, Vol. III, Issue XI, May 2017, pp 729-732.
	5. Tatugade A. A. and Jadhav S. R. "Tactical Communication System using MANET and WSN" in the IOSR Journal of Computer Engineering (IOSR-JCE). pp 113-118. 2017. e-ISSN: 2278-0661, p-ISSN: 2278-8727.
	6. Tatugade A. A., Pillai S. R., Narvekar P. P., Dardi P. S., Udeg S. S. "Background Noise Suppressor for Speech Signal" in the International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE). ISSN: 2278-909X. Volume5, Issue 4. April-2016, PP 1124-1127.
	7. Tatugade A. A. and Bhandare S. S. "Key challenges of Military Tactical Networking and the promise of MANET Technology" in the International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE). ISSN: 2277 128X. Volume3, Issue 12. Dec-2013, PP 1065-1069.

	8. Tatugade A. A. and Bhandare S. S. "Location of Mobile Terminal using Received Signal Strength & Time of Arrival" in the International Journal of Electronics, communication & Soft computing science and Engineering (IJECSCSE). <u>ISSN</u>:2277-9477. Volume 1, Issue 1. Mar-2012, PP 167-170. 9. Tatugade A. A. "Need of startups, Opportunity and challenges in Indian Perspective**"** in I.B.M.R. WAKAD'S JOURNAL OF MANAGEMENT RESEARCH, ISSUE-4**.** OCTOBER 2016-MARCH 2017, <u>ISSN</u>: 2349-8722. PP**-**341-346. 10. Tatugade A. A. "Promoting Rural Entrepreneurship for development of Economical, Social and Environmental Aspects of INDIA" in the International Conference (in association with ICSSR, WRC) on Ethical Prospects: Economy, Society & Environment (EPESE-2015), organized by University of Mumbai, Ratnagiri Subcenter, held on 13th & 14th Mar.2015 at Ratnagiri. <u>ISBN</u>:978-93-83046-46. Volume-I, Page 226 to 229. 11. Tatugade A. A. kale P. G. and Dr. Mulgund G. V. "Rural Entrepreneurship: A need towards Economical Growth of the Nation" in the UGC sponsored National Conference on Business Entrepreneurship: Issues & Challenges (BEIAC'2015), organized by Jaysingpur College Jaysingpur, held on 30th & 31st Jan.2015 at Jaysingpur. <u>ISBN</u>: 978-93-83144-07-5. Vol-I, Page 349 to 357.
List of Papers Published/Presented in National/ International Conferences	1. A. A. Tatugade, C. U. Shinde, S. S. Mane, M. M. Kazi, ans S. D. Matane. "Review paper on- Diesel Generator Automatic Monitoring System", in the 3rd National Conference on Changing Technology & Rural Development (CTRD 2K18), organized by Rajendra Mane College of Engg. and Tech. Ambav. [Devrukh], held on 21st Dec. 2018**.** 2. A. A. Tatugade, A. E. Naik, S. S. Pashte, A. A. Kadam, A. D. Girkar, "Review paper on-Rider Protective & Assistive Bike", in the 3rd National Conference on Changing Technology & Rural Development (CTRD 2K18, organized by Rajendra Mane College of Engg. and Tech. Ambav. [Devrukh], held on 21st Dec. 2018**.** 3. A. A. Tatugade, S. R. Jadhav, H. R. Kulkarni, "Review Paper: Three Level Password Authentication" in the 3rd National Conference on Changing Technology & Rural Development (CTRD 2K18), organized by Rajendra Mane College of Engg. and Tech. Ambav. [Devrukh], held on 21st Dec. 2018. 4. A. A. Tatugade, S. R. Jadhav, "Tactical Communication System using MANET and WSN", in 1st National Conference on Changing Technology & Rural Development (CTRD 2K16), organized by Rajendra Mane College of Engg. and Tech. Ambav. [Devrukh], held on 16th & 17th Dec. 2016. 5. Tatugade A. A. "Promoting Rural Entrepreneurship for development of Economical, Social and Environmental Aspects of INDIA" in the International Conference (in association with ICSSR, WRC) on Ethical Prospects: Economy, Society & Environment (EPESE-2015), organized by University of Mumbai, Ratnagiri Subcenter, held on 13th & 14th Mar.2015 at Ratnagiri. <u>ISBN</u>:978-93-83046-46. Volume-I, Page 226 to 229**.** 6. Tatugade A. A. kale P. G. and Dr. Mulgund G. V. "Rural Entrepreneurship: A need towards Economical Growth of the Nation" in the UGC sponsored National Conference on Business Entrepreneurship: Issues & Challenges (BEIAC'2015), organized by Jaysingpur College Jaysingpur, held on 30th

	& 31st Jan.2015 at Jaysingpur. <u>ISBN</u>: 978-93-83144-07-5. Vol-I, Page 349 to 357**.**
	7. Tatugade A. A. and Bhandare S. S. "Location of Mobile Terminal using Received Signal Strength & Time of Arrival" in the International Conference on Recent Trends in Engineering & Technology (ICRTET-2012), organized by SNJB'S Late. Sau. K.B.Jain College of Engg, Chandwad, held on 24th &25th Mar.2012 at Nashik.
	8. Tatugade A. A. and Kulkarni H. R. "Information and Communication Technology" in the ISTE sponsored National Conference on Information Technology and Computer Engineering (NCITCE'2012), organized by Department of Information Technology and Computer Engineering, held on 20th & 21st Jan.2012 at Dr. Bhausaheb Nandurkar COE & Tech. Yavatmal.
	9. Tatugade A. A. "Approach to Improve the Defense Tactical Communication System" in the National Conference on New Trends in Communication Technology (NTCT'2009), organized by Department of Electronics & Telecomm. Engineering held on 4th April 2009 at P.V.P.I.T. Institute of Tech. Budhgaon.
	10. Tatugade A. A. "Approach to Improve the Defense Tactical Communication System" in the National Conference on Electronics, Communication & Automation-08 (NCECA'2008), organized by Department of Electronics & Telecomm. Engineering held on 23rd & 24th Dec. 2008 at SEVERI's COE Pandharpur.
	11. Tatugade A. A. "Key Challenges of Military Tactical Networking & the elusive promise of MANET Technology" in the National Conference on Communication, Information Technology & Automation-08 (NCCITA'2008), held on 17th & 18th Jan. 2008 at Parshvanath COE. Thane.
	12. Tatugade A. A. and Mainkar Sujay. "A Bandwidth Sharing Approach to Improve Licensed Spectrum Utilization in Broadband Communications" in the International Conference on Emerging Technologies & Applications in Engineering, Technology & Sciences-08 (ICETAETS'2008), organized by Computer Science Department Saurashtra University, Rajkot, Gujarat, held on 13th to 14th Jan. 2008 at Rajkot. <u>ISBN</u>: 978-81-906220-1-1. Volume-II, Page 1682 to 1687.
	13. Tatugade A. A. and Venugopal Adep, "A Bandwidth Sharing Approach to Improve Licensed Spectrum Utilization in Broadband Communications" in the National Conference on Broadband Communication Systems-2006 (NCBCS-2006), conducted on 2nd & 3rd Sept. 2006 at VIIT, Pune. <u>ISBN</u>: 0-07-062091-1. Page 29 to 34.
List of Seminar/ workshop/ FDP/ Conference Attended	1. *TEQIP sponsored* ONE WEEK STTP on "Application of MATLAB in Electrical & Electronics Engg." Organized by Dept. of Electrical Engg, at RIT Sakharale, (Islampur), During 26 to 30th Dec. 2005.
	2. Ten Days training Course in "VHDL" at RMCET Ambav, during 18th Feb. to 27th Feb. 2007.
	3. *ISTE recognized* one day Workshop on "Quality & Research in Engineering Education" at RMCET Ambav, on 7th April 2008.
	4. TWO WEEK faculty updating Training on "Converging Technologies: Wireless, Mobile & Embedded" Organized by C-DAC Hyderabad in

	collaboration with JNTU & HRD Division, Dept. of IT-Govt. of India, at Hyderabad from 04 Jan 2010 to 15 Jan 2010. 5. Four days workshop on "Best Practices in Network Simulator-2" Organized by Dept. of Computer & IT, at Xavier Institute of Engg. Mumbai, from 27th Dec. 2010 to 30th Dec. 2010. 6. TWO WEEK Faculty Development Program on "<u>Entrepreneurship</u>" Organized by Entrepreneurship Development Cell of R. V. College of Engg. Banglore, supported by Entrepreneurship Development Institute of India, National Science & Tech Entrepreneurship Development Board(NSTEDB) Govt. of India, New Delhi, from 9th Jan 2012 to 21st Jan 2012. 7. *ISTE* approved *One Week MISSION10X* workshop on "High Impact Teaching Skills" Organized by Dale Carnegie & Associates, Inc. Trainer and Wipro, at RMCET Ambav, from 7th May 2012 to 11th May 2012. 8. *ISTE* approved *One Week* short term training program on "RF Engineering for wireless networks" organized by Valliammai Engineering College, Kattankulathur, Chennai, from 6th to 11th May 2013. 9. *ISTE* approved *Two-Week short-term* training program on "Pedagogy for Effective use of ICT in Engineering Education" Conducted by Indian Institute of Technology Bombay, from 5th to 31st Jan 2015, held under the National Mission on Education through ICT (MHRD). 10. Attended two-moths online Faculty Development Training Program on "Educational Technology for Engineering Teachers", from 7th Jan 2016 to 7th March 2016 organized by I.I.T. Bombay. 11. Attended One Week Workshop on: "Industrial Automation Product (Allen Bradley PLC system & SCADA software)", from 12th July 2016 to 16th July 2016, conducted by Prolific Systems & Tech. Pvt. ltd. Pune, at RMCET Ambav Devrukh. 12. Attended Two days Training Program on "Entrepreneurship Awareness Camp (Training Program)", on 29th & 30th Sept. 2016, conducted by MITCON: Consultancy & Engineering Services Ltd. [ISO 9001:2008 certified company], Branch-Ratnagiri, at RMCET Ambav Devrukh. 13. Attended the seminar on "How to be Smart Investor - Kuber Model", under Consumer Awareness and Financial Literacy in co-ordination with the "Consumer Guidance Society of India (CGSI)" on Tuesday, 14th Feb. 2017, at RMCET Ambav Devrukh. 14. One week intensive workshop has been attended on "UAV Remote sensing and Applications", through ISRO's OFF- Campus Outreach Certificate Programme, at RMCET, Ambav, from 03 July - 07 July 2017.
Research Projects	Nil
Any additional Information	**Professional Memberships:** 1. Lifetime Membership of ISTE. 2. Editorial Board Member and Reviewer of Global Research and Development Journal for Engineering (GRDJE), from 28 April 2016 till date. **Administrative Experience:** 1. Charge of Head of EXTC Department of RMCET Ambav Devrukh from 19th July 2017, till date. Successfully faced NAAC Peer Team in Nov. 2017, as a HOD EXTC, and received B+ grade to RMCET.

	2. Head of Entrepreneurship Development Cell of RMCET, Feb 2012 July 2017.
	3. Worked as APY (Anna Poorna Yojana) In-charge on the behalf of RMCET for Extension Work Activity of Dept. of Lifelong Learning & Extension (DLLE) under Mumbai University, for academic year 2013-14 & 2014-15.
	4. Member of IQAC, Departmental Advisory Board, Anti-Ragging Squad, Grievance Redressal Cell, Budget & Finance Committee Member, Staff Selection Committee Member, Departmental campaigning Head, NAAC & NBA Departmental Committee Member.
	Interaction with Professional Institutions:
	1. Worked for Mumbai University, Shivaji University Kolhapur, Solapur University and GOA University exams.
	2. Worked as the Subject Expert for the Walk-In Interviews held at Sharad Institute of Technology, College of Engg. Yadrav [Ichalkaranji] for E&TC Dept.
	3. Participated in University level meeting for syllabus review and reformation for final year of B.E., held at College of Engg. Pandharpur on 4th September 2004.
	4. Worked as a resource person for the "Chalit Vyavsay Margdarshan Melawa(Technical Education and Career on Wheels)", on 2nd,3rd & 4th of Jan. 2017, at eight (08) Secondary and Higher Secondary Schools of Sangmeshawar & Lanja Taluka. This event was organized by R.M.P. Ambav[Devrukh]. Topics of enlightenment were "Technical Education-Courses & Career, and Motivation towards Entrepreneurship".
	5. Conducted workshops of Computer awareness, assembly, handling, MS-Office, Multimedia & Antivirus for the staffs and students of Z.P. Primary School, Kumbhargaon, Tal-Palus. Dist.-Sangli in academic year 2008-09 and 2009-10.
	6. Conducted guest lecture on the topic "Entrepreneurship Development" for the students of Bharati Vidyapeeth's Institute of Tech. (Polytechnic) Palus, Dist.- Sangli, on 27 Aug. 2013.
	7. Conducted Expert lectures, seminar, guest lectures and crash courses for Diploma students of Rajendra Mane Polytechnic, Ambav. Sahyadri Polytechnic, Sawarda, and Govt. Polytechnic, Ratnagiri.
	8. Overall 26 events have been organized and Co-ordinated, on *Entrepreneurship Development*, for the students of RMCET as a Head of ED Cell.