


DEPARTMENT OF MECHATRONICS ENGINEERING

Name	Mr. Chougule Sudhakar Baburao	
Designation	Asst. Professor	
Date of Birth	08 th Feb 1974	
Highest Qualification	M.E. (E &TC)	
Specialisation	Optical Fiber Communication, Radio Frequency Design, Basic Electronics, Analog Electronics	
Teaching experience	19 Years	
Industrial Experience	2 Years	
Email id	chougulesb74@gmail.com	
Date of joining	01/07/2002	

No .of Papers presented/published (National conferences)	Nil
Details	-
No.of Papers presented/published (International conferences)	3
Details	<p>1.International Journal of Advance Research in Computer Science and Management Studies Research Forward Error Correcting Implementation using Convolution Encoder and Viterbi Decoding Volume 3, Issue 5, May 2015</p> <p>2.International Conference on Forward Error Correcting Implementation using Convolution Encoder and Viterbi Decoding at IFERP Bangalore, May- 2015</p> <p>3.International Conference on Forward Error Correcting Implementation using Convolution Encoder and Viterbi Decoding at Madras, May- 2015</p>
No.of Papers presented/published (International Journal)	Nil
Details	-
No.of seminars	Nil
Details	-
No. of STTP/Workshops	17
Details	<ol style="list-style-type: none"> 1. One week STTP on “MATLAB Application in communication engg.” (ISTE Approved), SSPM college of Engg. Kankavali. 2. Mission 10X by Wipro. 3. Advance material in Engineering. 4. STTP on PYLONS at SSPM college of Engg. Kankavali 5. Solar, Wind & Renewable energy. 6.Pedagogy for Online and Blended Teaching-Learning Process (FDP201x) IIT Bombay 7. Foundation Program in ICT for Education (FDP101x) IIT Bombay 8. NPTEL Online Certification Introduction to Research 9. NPTEL Online Certification Electronic Modules for Industrial

	<p>Applications Using Op-Amps (IISc Bangalore).</p> <p>10. NPTEL Online Certification</p> <p>Fibre Optics (IIT Roorkee)</p> <p>11. ISTE approved STTP -Matlab Application in Communication Engineering.</p> <p>12. Statistical Modeling and Analysis of Advanced Wireless Communication System IIT Indore.</p> <p>13. Electromagnetic Recent Trends and Future Applications, IIT Indore</p> <p>14. Deep Learning with KERAS, SSPMCOE.</p> <p>15. Simulation Tools For research, SIT Inchalkarangi</p> <p>16. Current research trend in computer Engineering, DY Patil ,Pimpari</p> <p>17. Microwave and beyond: Present and Futuristic Wireless Communication Systems” from 4th to 8th April 2022,Kalimpong Government Polytechnic</p>
No. of projects guided at UG level	7
Details	<p>1.Detection and Classification of Non-Proliferative Diabetic Retinopathy using SVM Classifier (2017-18)</p> <p>2.Traffic controller using Image Processing(2016-17)</p> <p>3.Automatic fault and Diagnosis system for assembled PCB.(2016-17)</p> <p>4.Automated PCB Micro factory(2015-16)</p> <p>5.Smart Communication by decoding hand gesture (2014-15)</p> <p>6.Interactive voice response system (2014-15)</p> <p>7.FPGA Based Neural Network Controller of Stepper motor.(2011-12)</p> <p>8.Location Based service roaming based on web services (2011-12)</p> <p>9.Home Automation using Bluetooth (2010-11)</p> <p>10.Wireless instrumentation LAN using ZIG-BEE (2010-11)</p> <p>11.Multitouch white board using Wi Mote (2010-11)</p> <p>12.City traffic control using RFID (2009-10)</p> <p>13. Automatic LPG Gas booking system using IVRS technology. (2009-10)</p> <p>14.line following ROBOT (2008-09)</p> <p>15.GSM based rolling display.(2008-09)</p>
Membership in Professional Bodies	ISTE member LM51586
Research / Sponsored / Consultancy Projects	Nil
Awards / Honours / Prizes	Nil
No. of Books published	Nil
Details	Nil

