


DEPARTMENT OF MECHATRONICS ENGINEERING

Name	Ajit Prabhakar Gosavi	
Designation	Assistant Professor	
Date of Birth	17/10/1982	
Highest Qualification	M.E.	
Specialisation	Electronics and Telecommunications	
Teaching experience	16	
Industrial Experience	-	
Email id	apgosavi@sspmcoe.ac.in	
Date of joining	03/06/2006	

No .of Papers presented/published (National conferences)	02
Details	<ol style="list-style-type: none"> 1) Mr. Ajit P.Gosavi, Prof.S.R.Khot, “<i>Face Recognition Algorithm: A survey</i>”, National Conference on “<i>Emerging Trends in Engineering Technology & Architecture</i>”, NCETETA-2012, 28-29 January, 2012, pp. 72, ISBN -978-81-920561-1-1 2) Mr.A.P.Gosavi, Prof.S.R.Khot, “<i>Facial Expression Recognition Using Principal Component Analysis with Singular Value Decomposition</i>”, National Conference on “<i>Communication, Antenna and Signal Processing</i>”, CASP-2011, 23-24 December, 2011.
No.of Papers presented/published (International conferences)	02
Details	<ol style="list-style-type: none"> 1) Mr.A.P.Gosavi, Prof.S.R.Khot, “<i>Comparative Study of Facial Expression Recognition Algorithms</i>”, A International Conference on “<i>Emerging Trends in Technology and its Application</i>”, ICETTA-2013, 06-07 March, 2013, ISBN- 978-81-923777-7-3 2) Mr.A.P.Gosavi, Prof.S.R.Khot, ‘<i>Emotion Recognition using Principal Component Analysis with Singular Value Decomposition</i>’,IEEE-2014 International conference on Electronics and Communication System(ICECS-2014)
No.of Papers presented/published (International Journal)	05
Details	<ol style="list-style-type: none"> 1) Mr.A.P.Gosavi, Prof.S.R.Khot, “<i>Facial Expression Recognition using Principal Component Analysis</i>”, An “<i>International Journal of Soft Computing and Engineering</i>”, IJSCE-2013, September 2013, ISSN-2231-2307,Volume-3,Issue-4. 2) Mr.A.P.Gosavi, Prof.S.R.Khot, “<i>Facial Expression Recognition using Principal Component Analysis</i>, An “<i>International Journal of Advance</i>

	<p>Research in Computer Science and Management Studies”, IJARCSMS-2013, November- 2013, ISSN- 2321-7782,Volume-1,Issue-6.</p> <p>3) Facial expression detection by using Support vector machine ,An Journal of Emerging Technologies and Innovative Research (JETIR) September 2017, Volume 4, Issue 6</p> <p>4) Enhanced Steganographic method preserving base quality of Information using LSB technique ,An International Journal of Research and Analytical Reviews (IJRAR) February 2020.</p> <p>5) Face Transformation an Journal of Emerging Technology and Innovative Research (JETIR) May 2019.</p>
No.of seminars	-
Details	-
No.of STTP/Workshops	24
Details	<ol style="list-style-type: none"> 1) Foundation Programme in ITC for Education (Part I & II) 8th March-15th April,2018 organised by MHRD 2) Make in India -A journey towards self reliance 3) “Hybrid Electric Vehicles and Battery Management Systems” 4) “RESEARCH METHODOLOGY” 5) Cyber Security 6) Cutting Edge Technology Development In Information and Communication Engineering 7) “Tools for Online Teaching Learning Process” 8) NATIONAL LEVEL AWARENESS PROGRAM 9) “Research Methodology and Techniques” 10) “Recent Advances in Industrial Robotics & Applications” 11) National Level Quiz on Computer Communication Network 12) Application of Artificial Inteligence Towards Industry 4.0 13) SSTTP on Statistical Modelling and Analysis of Advanced Wireless Communication Systems 14) Webinar on Impact of Artificial Intelligence & Machine Learning in Electrical and Computer Engineering 15) Deep Learning Application with Keras 16) Orientation program of Digital Communication C-Scheme, R2019 17) Entrepreneurship Awareness Program sponsored by MSME Government of India 18) FDP on Current Research Trend in Computer 19) National Digital Library User awareness program 20) NDLI Club Event: Electrical Vehicle 21) Global Event: Afternoons with an Author "1946 - Last War of Independence Royal Indian Navy Mutiny" 22) NDLI Club Event: Energy crisis role of energy management renewable 23) NDLI Club Event: How to publish Scientific Research Paper 24) NDLI Club Event: How to Write Thesis report in Latex

No. of projects guided at UG level	13
Details	<ol style="list-style-type: none"> 1) Driver Alertness monitoring using MATLAB April 2014 2) Facial expression recognition under illumination variation April 2014 3) Face Recognition using GLCM algorithm May 2016 4) Vehicle theft intimation to owner by using GSM & GPS May 2016 5) Object sorting in manufacturing industries using Image processing May 2018 6) Facial Expression Detection by using Support Vector Machine April 2019 7) Sensing and Monitoring parameters in Agriculture April 2020 8) IOT based smart Irrigation and Monitoring System April 2020 9) Emergency Alert device for woman safety April 2021 10) Online payment billing System April 2021 11) IOT based PH Reader April 2021 12) Accident Avoiding System with Crash Detection and GPS Notification April 2022 13) Website design for 'material management April 2022
Membership in Professional Bodies	Lifetime membership of ISTE : Membership Number LM 51595
Research / Sponsored / Consultancy Projects	-
Awards / Honours / Prizes	Gold Medal in NPTEL course
No. of Books published	-
Details	-