


**STAFF PROFILE**

	<b>Name:</b>	<b>Ms. Ankita Suresh Rao Sawalkar</b>
	<b>Designation:</b>	<b>Lecturer</b>
	<b>Qualifications:</b>	<b>M.Tech.(Communication) B.E. (Electronic &amp; Communication) Diploma (Electronic &amp; Telecommunication)</b>
	<b>Area of Specialization:</b>	<b>Communication</b>
	<b>Email- ID:</b>	<b>ankitasawalkar5310@gmail.com</b>

**Date of Birth: 29/08/1992**

**Academic Performance:**

**(High School to Highest Qualification.)**

<b>Exam</b>	<b>Passing Month &amp; Year</b>	<b>Name &amp; Address of College/School</b>	<b>Board</b>	<b>% Of Marks</b>	<b>Grade</b>
<b>SSC</b>	2008	Vishwas M.Vidyalaya	Maha.State Board	90%	I
<b>Diploma</b>	2011	Government Polytechnic Nagpur	Autonomous	84%	I
<b>B.E.</b>	2014	Smt. Bhagawati College of Engineering	RTMNU	70%	I
<b>M.Tech</b>	2017	VIT College, Nagpur	RTMNU	78%	I

**Experience :**

<b>TEACHING</b>		<b>INDUSTRIAL</b>	<b>TOTAL</b>
<b>PCP</b>	<b>OTHER INST.</b>		
<b>1.4 Year</b>	<b>2 years</b>	<b>4 months</b>	<b>3.8</b>

**Achievements (Qualification upgradation,book publish,curriculum manual design)**

**Number of Paper Published :**

<b>Paper Name</b>	<b>Publication Details</b>	<b>Date/Year of Paper Published</b>
Saliency Map Technique for reducing processing time in HEVC with the help of	International Journal for Scientific Research and Development	Sept 2017

MATLAB		
SVM Based Saliency Map Technique for reducing Time Complexity n HEVC	International Research Journal of Engineering and Technology	June 2017
Improvement in HEVC for reducing time complexity with the help of SVM Classifier	International Research Journal of Engineering and Technology	April 2017

**Number of Blogs Posts:**

Sr.no	Blog Name
1	Testing World-Think like a Tester
2	Lifhack

**Award Winning: ---****Books/Journal/Magazine Published:****Conference/Seminar/Workshop/STTP/FDP Attended:**

Sr. No.	Year	Subject/Title	Workshop/training/conference attended	Venue	Duration
1	2020	FDP	FDP on "IoT"	Government College of Engineering, Rajkot	2/11/2020 to 6/11/2020
1		FDP	FDP on "Sensor Technology"	Shri Vithal Education and Research institute College of Engineering, Pandharpur.	7/9/2020 to 11/9/2020
2		FDP	FDP on "Scilab "	Sinhgad College of Engineering, Vadgaon	One week 26 <sup>th</sup> to 4 <sup>th</sup> May
3		FDP	FDP on "C & CPP"	Shri Siddheshwar Women's Polytechnic, Solapur	16th to 20th May 2020
4		FDP	FDP on "R Language"	Sinhgad	2 <sup>nd</sup> to 9 <sup>th</sup>

				College of Engineering, Vadgaon	May
5		FDP	FDP on “GeoGebra”	JD College of Engineering	1 <sup>st</sup> -5 <sup>th</sup> June
6		FDP	FDP on “Innovations to Academicians”	Ramchandra College of Engineering, new Delhi	11 <sup>th</sup> -16 <sup>th</sup> May
7		STTP	“Theory of Computation”	Sipna College of Engineering & Technology	One Week
8		STTP	MATLAB based Teaching-Learning in Mathematics, Science & Engineering.	The Department of Electronics Engineering, RAIT, Nerul, Navi Mumbai	One Week May 18-22, 2020.
9		International E-Conference	“Strategies & Challenges in Higher Education during COVID-19 in India with reference to the World”	Government Vidarbha Institute of Science, Amravati	15 <sup>th</sup> -17 <sup>th</sup> May
10		Workshop	“Scientific Writing and Presentation”	Kankavali College, Kankavali	06-05-2020
11		Workshop	“Effective ways to develop E-Content”	Smt.Devkiba College, Ahmadnagar	9 <sup>th</sup> to 12 <sup>th</sup> May
12		National Level webinar	“Challenges in Research: Publications & Ethics”	Audisankara College of Engineering & Technology, AP	03-05-2020
13		National Level webinar	“Birds Connect our World” Life Science	Poona College, Pune	09-05-2020

**Extra Co-curricular Activities:**

Sr. no	Activity Name	Activity Detail	Duration
1	Sports Activity	Coordinator of girls Kabaddi team Zonal Match at PCP	2 months
2	Technical Event	Coordinator of Technical Event in E & TC Dept in PCP	3 days
3	Institution Activity	Document Awareness Program.	1 day
3	Member of Robin Hood Army	The Robin Hood Army is zero-	

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		funds organization that works to get surplus food from restaurants and communities to the less fortunate	
4			

**Research & Development Work:****Project Work:**

High Efficiency Video Coding HEVC/H.265 is a futuristic standard for video compression with the promise of video quality standards at approximately 50% lower bit rates. This increases the complexity of a system. A machine learning based algorithm using Support Vector Machine (SVM) is proposed with an attempt to select the appropriate coding units and to eliminate unnecessary computations.