



**Sharad Institute of Technology, College of Engineering,
Yadav – Ichalkaranji.
(Program Electronics and Telecommunication Engg)**

(A) Personnel Data:

Title	Mrs.
Name	Kalyani Vaibhav Joshi
Programme (UG/PG)	UG
Course / Department	BE (ETC)
Area of Specialization	Image and Video Processing
Designation	Assistant Professor
Address (Residential) (with PIN code)	Laxmi Park, 18 th Lane, Jaysingpur-416 101
E-mail ID	kalyanibedekar@gmail.com
Mobile No.	9420320101

(B) Academic Qualifications:

Sr. No	Course/Degree	University/Board	%of Marks Obtained	Result/Division
1.	M.E. (E&Tc)	Shivaji University, Kolhapur	71.78%	First Class with Distinction
2.	B.E. (E&Tc)	Shivaji University, Kolhapur	70.88%	First Class with Distinction
3.	Diploma in Industrial Electronics	MSBTE	61.81%	First Class
4.	S. S. C.	Pune Board	83.74%	Distinction

(C) Experience:

Teaching Experience : 9 years



**Sharad Institute of Technology, College of Engineering,
Yadav – Ichalkaranji.
(Program Electronics and Telecommunication Engg)**

(D) Conferences, Seminars, Symposia, Training, Workshop, STTP, FDP attended:

Sr. No.	Name of FDP/Training	Name of Organizer	Date and Year	Duration
1.	Two-week ISTE workshop on “Control Systems”	IIT Kharagpur & SITCOE, Yadrav	2 nd to 12 th Dec, 2014	2 weeks
2.	Two-days workshop on “How to write a Research Paper”	RITER Delhi& SORT at JJMCOE, Jaysingpur	22 nd to 23 rd Jan, 2015	2 days
3.	Two-week ISTE workshop on “Advanced Techniques in Research Methodology”	ISTE & SITCOE, Yadrav	15 th to 26 th June, 2015	2 weeks
4.	Two-week ISTE workshop on “Advanced Trends in PLC Automation”	ISTE & SITCOE, Yadrav	30 th Nov to 4 th Dec, 2015	2 weeks
5.	One-week FDP on “Soft Skills Training”	SITCOE & SITP, Yadrav	26 th Nov to 1 st Dec, 2015	2 weeks
6.	Two-days FDP on “GUI Design and ARDUINO Interfacing in MATLAB”	SIG, Atigre	17 th to 18 th Dec, 2015	2 days
7.	One-week FDP on “Recent Trends in I O T”	IETE & SITCOE, Yadrav	6 TH to 11 th June, 2016	1 week
8.	One-week Workshop on “Recent Trends in Image Processing – Wavelet Transform & Machine Learning”	ISTE & JJMCOE, Jaysingpur	28 th Nov to 2 nd Dec, 2016	1 week
9.	Android Application Development	SIT Polytechnic, Yadrav	5-10 th Dec 2016	1 week
10.	Sensor and Automation using Arduinio	SIT Polytechnic, Yadrav	06-11 th Nov, 2017	1 week
11.	Document Enhancement using MS Office	SIT Polytechnic, Yadrav	06- 11 th April, 2018	1 week
12.	Robotics and Mechatronics	PVPIT, Budhgaon (MSBTE Sponsored)	03-07 th Dec, 2018	1 week
13.	C Programming	SITCOE, Yadrav	25-30 th Nov,2019	1 week
14.	Academic Research Processes	SITCOE, Yadrav	4-5 th Dec, 2019	2 days
15.	Online Quiz on Awareness of Covid-19	Shivlingeshwar College of Pharmacy, Almala	16 th April, 2020	-

16.	Quiz on Covid-19 Pandemic Mythbuster	Rajkiya Engineering College, Manipuri	7 th May,2020	-
17.	International FDP on “Recent Challenges and Innovations in Renewable Energy Systems”	Centre for Renewable Energy Technology, AVIT	11 th -16 th May, 2020	1 week
18.	Artificial Intelligence	Universal College of Engineering, Vasai	22 th -26 th May, 2020	1 week
19.	Webinar on “Reducing Stress and Creating Balance in COVID 19 Lockdown Period”	Datta Meghe College of Engineering, Navi Mumbai	23 rd May, 2020	1 day
20.	Quiz on “Bloom’s Taxonomy: The Art of Asking the Right Questions”	Abdul Latif Alialshay Faculty of Engineering, MANSOORA-Malegaon	18 th May, 2020	-
21.	Webinar on “ MATLAB Software for Power Electronics- Hands on Training”	Arasu Engineering College, Kumbhkonam	30 th May, 2020	1 day
22.	Python 3.4.3	Spoken Tutorial, IIT Bombay & SITP, Yadrav	4 th – 8 th June, 2020	1 week
23.	Machine Learning & Deep Learning Hands on experiments using Python	SITCOE & RDBS Geetadeep Enterprises (Under IETE Chapter)	1 st -9 th June,2020	9 days
24.	Quiz on World Environment Day	SITP, Yadrav	5 th June, 2020	-
25.	International Science and Technology Online Lecture Series	Anand International College of Engineering, Jaipur	3 rd - 6 th June, 2020	4 days
26.	Academic Writing and IPR	Mechanical Dept, SITP, Yadrav	8 th -12 th June,2020	1 week
27.	An Introduction to IOT and its Applications for Smart Transparent and Immutable Ecosystem	Noida Institute of Engineering and Technology, Greater Noida(AICTE Sponsered)	5 th – 10 th October, 2020	1 week
28.	Machine Learning and its Applications	KIT, Kolhapur (AICTE Sponsered)	5 th Jan-15 th Jan, 2021	2 weeks
29.	Machine Learning & Its Applications	SITCOE(Sponsored by TEQIP-III, DBATU, Lonere)	16 th - 20 th March 2021	1 week
30.	Mechatronics & Industrial Automation	SITP, Yadrav	4 th Jan-8 th Jan, 2021	1 week
31.	IOT in 5G Technology	ATAL Workshop	21 st -25 th June,2021	1 week
32.	NBA Accreditation Process	ATAL Workshop	26 th Jun-2 nd Jul, 2021	1 week
33.	Research Methodology,Research Publications,Patent filling	SITCOE& IEEE Bombay Section	20th to 24th September 2021	1 week
34.	Insight of Pharma Industry from Automation Perspective	YCP, Ichalkaranji	22 nd Nov to 24 th Nov 2021	3 days
35.	Smart Tools and Methodologies for Academic Research	SITCOE, Yadrav	25 th Dec. to 29 th Dec.2022	1 week
36.	Applied Deep Learning	BITS Pilani, Goa Campus	June 12-16,2023	1 week
NPTEL/NMEICT Courses:				

1.	Python for Data Science	NPTEL online course by IIT Madras	26 Aug- 20 Sep, 2019	4 week FDP
2.	One day workshop on C and CPP	Spoken Tutorial, IIT Bombay & SITCOE , Yadrav	29 Feb 2020	1 day
3.	Online FDP on Python 3.4.3	Spoken Tutorial, IIT Bombay & RMD Sinhgad School of Engg, Warje, Pune	20 th -25 th Apr, 2020	1 week
4.	Online FDP on BOSS Linux 3.4.2 OS	Spoken Tutorial, IIT Bombay & D. Y. Patil College of Engg, Akurdi, Pune	25 th Apr-1 st May, 2020	1 week
5.	Advanced CPP	Spoken Tutorial, IIT Bombay & AISSMS Polytechnic, Pune	14 th -20 th May, 2020	1 week
6.	PHP & MySQL	Spoken Tutorial, IIT Bombay & SITP, Yadrav	8 th -12 th June,2020	1 week
7.	Enhancing Soft Skill and Personality	NPTEL online course by IIT Kanpur	24 th Feb- 17 th April, 2020	8 weeks
8.	Fundamentals of Artificial Intelligence	NPTEL online course by IIT Guwahati	14 th Sep- 4 th Dec 2020	12 weeks
9.	Accreditation and outcome Based Learning	NPTEL online course	Jul 2021 to Sep 2021	8 week

(E) Membership of Professional Societies/Bodies:

Sr.No.	Professional Society/Body	Membership class	Membership Number
1.	ISTE	Lifetime	LM 108905
2.	IEEE	One year	98013036

(F) List of International/National Journal Publications:

1. “A Survey of Detection and Tracking of Moving Objects in Video Frames”, IJLTET, July 2016 (IJLTET-2016-1000)
2. “Particle Filter and CAMShift Approach for Motion Detection: A Comparative Study” , IJLTET, September 2016 (IJLTET-2016-1168)
3. “Adaptive Coronavirus Mask Protection Algorithm enabled deep learning for Brain tumor detection and classification”, IACC Conference, 14-15th December,2023