



Ms. Vijaya Arun Yaduvanshi
**M.Tech (Electronics &
Communication Engineering)**
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Awards/Honors/Achievements

- Received letter of gratitude for preparing final year students for Mock Placement (Group Discussion) organised by Team ELESA, Smt. Kashibai Navale College of Engineering, Pune, (Dept. of Electronics & Telecommunication Engineering), 2021.
- Lifetime membership of “The Indian Society for Technical Education” (ISTE), 2019.
- Recognized and Honoured with the award of “Academic Excellence” for the betterment of educational objectives at United Institute of Technology, Allahabad, 2017.
- Received letter of appreciation for preparing final year students for placement interview by conducting mock interviews in United Institute of Technology, Allahabad, 2016.

Academic Qualification:

Degree	Institute Name	University Name	Year of Passing	Qualification Status
Ph.D.	National Institute of Technology, Silchar, Assam	National Institute of Technology, Silchar, Assam	NA	Pursuing
M.E./M. Tech	United Institute of Technology, Allahabad	Dr. A.P.J Abdul Kalam Technical University, Lucknow	Jan 2016	Completed
B.E./B. Tech	United College of Engineering and Research, Gr. Noida	Uttar Pradesh Technical University, Lucknow.	Jun 2010	Completed

Research Expertise

- **Subject Areas:** Medical Image Processing, Embedded Systems

Training Details**Training Conducted**

Training Title	Arranged By	Venue	Date	Level	Category	Type
AICTE STANFORD SURVEY (A part of an international research study conducted by Stanford University, USA in association with AICTE)	Coordinator	Smt. Kashibai Navale College of Engineering, Pune, (Dept. of Electronics & Telecommunication Engineering)	18 – 20 Mar 2019	Institute Level	Academics	Internal
Mock Placement (Group Discussion)	Judge	Team ELESA, Smt. Kashibai Navale College of Engineering, Pune, (Dept. of Electronics & Telecommunication Engineering)	06 Jun 2021	Institute Level	Placement	Internal

Workshop Details**Workshop Organized**

Workshop	Topic	Conducted By	Date	Level	Category	Type
Webinar on “Internships”	Organizer	Smt. Kashibai Navale College of Engineering, Pune, (Dept. of Electronics & Telecommunication Engineering) in association with Hi-Tech Skills	14 Feb 2022	National Level	For Students	Internal
Webinar on “Industrial Automation”	Organizer	Smt. Kashibai Navale College of Engineering, Pune, (Dept. of Electronics & Telecommunication Engineering) in association with CADCAMGURU Solutions Pvt. Ltd.	12 Feb 2022	National Level	For Students	Internal
Webinar on “Industrial Automation”	Organizer	Smt. Kashibai Navale College of Engineering, Pune,	02 Feb 2022	National Level	For Students	Internal

		(Dept. of Electronics & Telecommunication Engineering) in association with CADCAMGURU Solutions Pvt. Ltd.				
Guest Lecture on “Internship Opportunities”	Organizer	Smt. Kashibai Navale College of Engineering, Pune, (Dept. of Electronics & Telecommunication Engineering) in association with Bentork Industries LLP	20 Jan 2022	National Level	For Students	Internal
Webinar on “Career Opportunities in Artificial Intelligence & Machine Learning”	Organizer	Smt. Kashibai Navale College of Engineering, Pune, (Dept. of Electronics & Telecommunication Engineering) in association with Automate Engineering Pvt. Ltd.	03 Dec 2021	National Level	For Students	Internal
Webinar on “The blueprint of success for the youth”	Organizer	Smt. Kashibai Navale College of Engineering, Pune, (Dept. of Electronics & Telecommunication Engineering)	06 Oct 2021	National Level	For Students	Internal
Expert Talk: Importance of GATE Exam in higher studies and PSU’s	Organizer	Smt. Kashibai Navale College of Engineering, Pune, (Dept. of Electronics & Telecommunication Engineering) in association with Gate Solution Academy	24 Jun 2021	National Level	For Students	Internal
Online Faculty Development Program on “Emerging Trends and Challenges: ML, IOT and Cyber Security”	Organizer	Smt. Kashibai Navale College of Engineering, Pune, (Dept. of Electronics & Telecommunication Engineering)	18 – 22 Jan 2021	National Level	For Faculty	Internal
Webinar series on	Organizer	Smt. Kashibai Navale College of	18 – 19 Jan 2021	National Level	For Students	Internal

“Cyber Crime against Women: Precautions and Strategies”		Engineering, Pune, (Dept. of Electronics & Telecommunication Engineering) in association with National Commission for Women (NCW), New Delhi				
Webinar on “Artificial Intelligence and Machine Learning”	Organizer	Smt. Kashibai Navale College of Engineering, Pune, (Dept. of Electronics & Telecommunication Engineering) in association with Automate Engineering Pvt. Ltd.	05 Nov 2020	National Level	For Students	Internal
Webinar on “Factory Automation and Internet of Things”	Organizer	Smt. Kashibai Navale College of Engineering, Pune, (Dept. of Electronics & Telecommunication Engineering) in association with Automate Engineering	29 Oct 2020	National Level	For Students	Internal
Webinar on “Skills to Combat Post Covid Job Crisis Scenario for Engineering Graduates”	Organizer	Smt. Kashibai Navale College of Engineering, Pune, (Dept. of Electronics & Telecommunication Engineering) in association with AIRTH RESEARCH Pvt. Ltd.	10 Jun 2020	National Level	For Students	Internal

Workshop	Topic	Conducted By	Date	Level	Category	Type
Online Faculty Orientation Workshop	T.E. (E&TC) 2019 Honors in Block Chain Technology, Subject: ‘Introduction to Block Chain’ under the aegis of Board of	D.Y. Patil College of Engineering, Akurdi, Pune (Dept. of Electronics & Telecommunication Engineering)	30 – 31 Jul 2021	National Level	For Faculty	Internal

	Studies (E&TC/Electronics), SPPU					
Faculty Development Program	Git, with course material provided by Spoken Tutorial Project, IIT Bombay	Smt. Kashibai Navale College of Engineering, Pune (Dept. of Electronics & Telecommunication Engineering)	01 – 05 Jun 2021	National Level	For Faculty	Internal
Online Faculty Development Program	“Emerging Trends and Challenges: ML, IOT and Cyber Security”	Smt. Kashibai Navale College of Engineering, Pune (Dept. of Electronics & Telecommunication Engineering)	18 – 22 Jan 2021	National Level	For Faculty	Internal
NCW (The National Commission for Women) sponsored Webinar Series	“Cyber Crime against Women: Precautions and Strategies”	Smt. Kashibai Navale College of Engineering, Pune (Dept. of Electronics & Telecommunication Engineering)	18 - 19 Jan 2021.	National Level	For Students & Faculty	Internal
Webinar	“Artificial Intelligence and Machine Learning”	Smt. Kashibai Navale College of Engineering, Pune (Dept. of Electronics & Telecommunication Engineering) in association with Automate Engineering	05 Nov 2020	National Level	For Faculty	Internal
Webinar	“Factory Automation and Internet of Things”	Smt. Kashibai Navale College of Engineering, Pune (Dept. of Electronics & Telecommuni	29 Oct 2020	National Level	For Faculty	Internal

		<p>Engineering) in association with Automate Engineering</p>				
Webinar	“Take It Easy”	<p>Smt. Kashibai Navale College of Engineering, Pune (Dept. of Electronics & Telecommunication Engineering) in collaboration with ELESA and Youth Development Initiative (YUDI)</p>	27 - 28 Oct 2020	National Level	For Students & Faculty	Internal
AICTE Training and Learning (ATAL) Academy Online FDP	“Control Systems & Sensors Technology”	<p>Madan Mohan Malaviya University of Technology, Gorakhpur</p>	17 – 21 Oct 2020	National Level	For Faculty	Internal
AICTE sponsored Short Term Training Programme (STTP)	“Advanced Next Generation Wireless Technique”	<p>United College of Engineering & Research, Allahabad (Dept. of Electronics & Communication Engineering)</p>	27 Jul – 01 Aug 2020	National Level	For Faculty	Internal
International Webinar	“The Impacts on Positive Education on Behavioural Modification : A Novel Perspective”	<p>Kanpur Institute of Technology, Kanpur, (Department of Electrical and Electronics Engineering)</p>	24 Jul 2020	National Level	For Faculty	Internal
International Webinar	“Introduction to Artificial Intelligence and it’s Applications ”	<p>Kanpur Institute of Technology, Kanpur, (Department of Electrical and Electronics Engineering)</p>	21 Jul 2020	National Level	For Faculty	Internal

Online workshop	“Practical Learning Through Virtual Labs”	Jointly organized by Department of Mechanical Engineering and Civil Engineering, Institute of Engineering and Technology, Dr. Rammanohar Lohia Avadh University Ayodhya	20 – 24 Jul 2020.	National Level	For Faculty	Internal
International Webinar	“Higher Educational Opportunities and Career Prospects in Germany”	All India Shri Shivaji Memorial Society’s College of Engineering, Pune in association with The Institution of Engineers (India), Kolkata	10 Jul 2020	National Level	For Faculty	Internal
Webinar	“Internet of Things”	Smt. Kashibai Navale College of Engineering, Pune (Dept. of Electronics & Telecommunication Engineering) in association with IndEyes Infotech	12 Jun 2020	National Level	For Faculty & Students	Internal
Webinar	“Latest trends in Telecom Technology & Opportunities for Telecom Engineers”	Smt. Kashibai Navale College of Engineering, Pune (Dept. of Electronics & Telecommunication Engineering) in association with Regional Telecom Training Center of	11 Jun 2020.	National Level	For Faculty & Students	Internal

		BSNL, Pune				
Webinar	“Skills to Combat Post Covid Job Crisis Scenario for Engineering Graduates”	Smt. Kashibai Navale College of Engineering, Pune (Dept. of Electronics & Telecommunication Engineering) in association with AIRTH RESEARCH Pvt. Ltd.	10 Jun 2020	National Level	For Faculty & Students	Internal
Online Faculty Development Program	“LATEX”	Sinhgad Institute of Technology & Science, Narhe, Pune (Dept. of Electronics & Telecommunication Engineering) in association with Spoken Tutorial, IIT Bombay	04 – 08 May 2020	National Level	For Faculty	Internal
Webinar	“Essential Guidelines for Writing a Research Paper”	Data Teach Labs	30 Apr 2020	National Level	For Faculty & Students	Internal
National Level Online Faculty Development Program	“Python”	AISSMS College of Engineering, Pune (Dept. of Computer Engineering) in association with Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Government of India	28 Apr – 04 May 2020	National Level	For Faculty	Internal
National Level Seminar	“Women’s Entrepreneurship: Challenges	Smt. Kashibai Navale College of Engineering,	24 – 25 Feb 2020	National Level	For Faculty & Students	Internal

	and opportunities”	Pune (Dept. of Electronics & Telecommunication Engineering)				
AICTE-ISTE approved, Faculty Development Program	“Industry based 3-D Printing Technology”	Sinhgad Institute of Technology & Science, Narhe, Pune (Dept. of Mechanical Engineering)	27 – 31 Jan 2020	National Level	For Faculty	Internal
AICTE-ISTE approved; STTP	“Best Practices for Outcome Based Education (OBE)”	Smt. Kashibai Navale College of Engineering, Pune (Dept. of Mechanical and E & TC Engineering)	19 – 24 Dec 2019	National Level	For Faculty & Students	Internal
“Train The Trainer-2019” Workshop	Subject: Information Theory, Coding and Communication Networks	STES’s Sinhgad College of Engineering, Pune (Dept. of Electronics & Telecommunication Engineering)	16 – 18 Dec 2019	National Level	For Faculty	Internal
Workshop	“Intellectual Property Rights and Patent Procedures” in association with the Institution of Engineers & MHRD	Smt. Kashibai Navale College of Engineering, Pune (Dept. of Mechanical Engineering)	10 Oct 2019	National Level	For Faculty & Students	Internal
Workshop	“Machine Learning: Industry Exposure”	Smt. Kashibai Navale College of Engineering, Pune (Dept. of Electronics & Telecommunication Engineering)	21 – 22 Sep 2019	National Level	For Faculty & Students	Internal
“Train The Trainer-2019” Workshop	Subject: Electronic Devices & Circuits	RMD Sinhgad School of Engineering,	09 Sep 2019	National Level	For Faculty	Internal

		Warje, Pune (Dept. of Electronics & Telecommuni- cation Engineering)				
Workshop	Internet of Things (IoT) for human safety	Institution of Engineers (India)	08 Mar 2019	National Level	For Faculty & Students	Internal
BCUD, SPPU, Pune sponsored; National Level Workshop	“IOT: Transformati on in Engineering Education for Digital India”	Sinhgad Institute of Technology, Lonavala (Dept. of Electronics & Telecommuni- cation Engineering)	17 -18 Jan 2019	National Level	For Faculty & Students	Internal
ISTE Approved Short-Term Training Program	Validation of Mathematical Models with Model Based Designed Technique using “Matlab and Simulink”	Smt. Kashibai Navale College of Engineering, Pune (Dept. of Mechanical Engineering)	10 – 21 Dec 2018 (Two Weeks)	National Level	For Faculty	Internal
2 nd IEEE sponsored International Conference	Control, Computing, Communication & Materials (ICCCCM- 2016)	UCER, Allahabad in collaboration with Asian Institute of Technology, Bangkok	21 - 22 Oct 2016	National Level	For Faculty & Students	Internal
Faculty Development Program	Integrated Circuits: Design and its applications	Jointly organized by United Institute of Technology (Dept. of Electronics & Communicati on Engineering), Allahabad & Dr. A.P.J. Abdul Kalam Technical University, Lucknow	11 – 15 Jul 2016	National Level	For Faculty	Internal
4 th IEEE sponsored International Conference	An Efficient Fragile Watermarking Scheme	Motilal Nehru National Institute of Technology,	06 – 08 Nov 2015	National Level	For Faculty & Students	Internal

SCES-2015	for Image Authentication using Reference Image	Allahabad				
AICTE recognised Short Term Course	Induction Training Program Through ICT	National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh-Ministry of Human Resources Development, Govt. of India	10 -14 Dec 2012	National Level	For Faculty	Internal
International Conference on Control, Computing, Communication and Materials-2013	Advanced Technique to reduce current harmonics of Power system for nonlinear load	United Institute of Technology, Allahabad	03 - 04 Aug 2013	National Level	For Faculty & Students	Internal
Short Term Training Program	Modelling & Control of Power Converters	Motilal Nehru National Institute of Technology, Allahabad	24 – 28 Jul 2013	National Level	For Faculty	Internal
National Level Workshop	MATLAB and its Applications in Digital Image and Signal Processing	Indian Institute of Information Technology, Allahabad	07 – 08 Mar 2013	National Level	For Faculty & Students	Internal
National Seminar On “Science, Technology & Beyond – The Road to Future”	Why Nano Technology is so Important	United College of Engineering and Research, Greater Noida	05 - 06 Sep 2008	National Level	For Faculty & Students	Internal

Conference Details

Conference Organized

Name	Venue	Date	Level	Category	Sponsored By
International Conference ICIIST-2021	Organizing Committee Member Smt. Kashibai	16 Jun 2021	International	Academia	ICIIST-2021

	Navale College of Engineering, Pune (Dept. of Mechanical and E&TC Engineering)				
International Conference ICIIST-2020	Organizing Committee Member Smt. Kashibai Navale College of Engineering, Pune (Dept. of Mechanical and E&TC Engineering)	24 Jun 2020	International	Academia	ICIIST-2020

Conference Attended

Name	Venue	Date	Level	Category	Sponsored By
7 th International Conference on nanoelectronics Circuits and Communication Systems (NCCS-2021)	Online	29 - 30 Jan 2022	International	Oral Cancer Detection using Modified Local Binary Pattern	ISVE at Advanced Regional Telecom Training Centre,BSNL,Ranchi,Jharkhand
2 nd IEEE sponsored International Conference	UCER, Allahabad	21 - 22 Oct 2016	International	Control, Computing, Communication & Materials (ICCCCM-2016)	UCER, Allahabad in collaboration with Asian Institute of Technology, Bangkok
4 th IEEE sponsored International Conference SCES-2015	Motilal Nehru National Institute of Technology, Allahabad	06 – 08 Nov 2015	International	An Efficient Fragile Watermarking Scheme for Image Authentication using Reference Image	Motilal Nehru National Institute of Technology, Allahabad
International Conference on Control, Computing, Communication and Materials-2013	United Institute of Technology, Allahabad	03 - 04 Aug 2013	International	Advanced Technique to reduce current harmonics of Power system for nonlinear load	United Institute of Technology, Allahabad

Research Paper & Journal

ISSN/ISBN No	Paper Title	Publish Date	Journal/Conference Name	Level	Paper Status	Authors
Volume No.07, Issue. ISSN (online): 2320 – 9801, Certificate No: V7I03C089.	Comparative Study of Existing Efficient Data Transmission Protocols in Cluster-Based Wireless Sensor Networks	30th March 2019	IJIRCCE International Journal of Innovative Research in Computer and Communication Engineering	International Level	Published	V.A.Yaduvanshi et al.
Volume No.03, Special Issue. ISSN (online): 0976–7967, UGC Approved Serial No. 48578.	A Comparison between Controller Design Using Chebyshev-Pole Clustering Approximants and Pade Approximation Technique	March 2018	VSRD International Journal of Technical and Non-Technical Research	International Level	Published	V.A.Yaduvanshi et al.
Volume No.03, Special Issue No.02, ISSN (online): 2348–7550.	Framing Controllers Applying Pade Approximation Technique	February 2015	International Journal of Advanced Technology in Engineering and Science	International Level	Published	V.A.Yaduvanshi et al.
Volume No. 14, No. 1, pp. 4741 – 4749. ISSN: 2233-7853 IJFGCN.	PAPR Analysis of FFT and DWT based OFDM using Clipping Technique	2021	International Journal of Future Generation Communication and Networking	International Level	Published	V.A.Yaduvanshi et al.
Volume No. 14, No. 1, pp. 4271 – 4278. ISSN: 2233-7853 IJFGCN.	Autonomous Vehicles Parking using Neuro-Fuzzy	2021	International Journal of Future Generation Communication and Networking	International Level	Published	V.A.Yaduvanshi et al.
Volume No. 14, No. 1, pp. 4260 – 4270. ISSN: 2233-7853 IJFGCN.	Generation of a PLC based unit protection device to monitor the abnormal operation of	2021	International Journal of Future Generation Communication and Networking	International Level	Published	V.A.Yaduvanshi et al.

	transformer					
Volume No. 14, No. 1, pp. 4240 – 4244. ISSN: 2233-7853 IJFGCN.	Application of Block Chain Technology in Agricultural Supply Chain Management	2021	International Journal of Future Generation Communication and Networking	International Level	Published	V.A.Yaduvanshi et al.
Volume No. 14, No. 1, pp. 4708 – 4716. ISSN: 2233-7853 IJFGCN.	Deep Learning Module for Spectroscopic Identification of Pathogenic Bacteria	2021	International Journal of Future Generation Communication and Networking	International Level	Published	V.A.Yaduvanshi et al.
Volume No. 14, No. 1, pp. 4182 – 4188. ISSN: 2233-7853 IJFGCN.	Design and Modelling of Automatic Temperature Check and Sanitization System using Raspberry Pi	2021	International Journal of Future Generation Communication and Networking	International Level	Published	V.A.Yaduvanshi et al.

Membership Details

Membership Body	Membership No.	Duration	Level
The Indian Society for Technical Education” (ISTE), 2019.	LM127154	Lifetime membership	National Level

Book Published

Title of the Book	Publisher	Publish Year	ISBN No.
An Automatic Classification Methods in Oral Cancer Detection Health Informatics: A Computational Perspective in Healthcare	Springer	2021	ISBN (online): 978-981-15-9735-0.

Declaration

I hereby declare that all the above information furnished by me are true to the best of my knowledge.

Date: 09 March' 2022

Name: V.A.Yaduvanshi

