



## Department of Electronics and Telecommunication Engineering

### Prof.(Mrs) .Archaana A.Randive

ME (Electronics Engineering)

Assistant Professor

[aarandive@aiissmscoe.com](mailto:aarandive@aiissmscoe.com)

☎ 09850830634

🌐 <https://scholar.google.com/citations?hl=en&user=yJWUMvkAAAAJ>



### ResearchAreas/ Areas of Interest

Analog Electronics, Digital Systems, Image Processing

### Personal Details

**Date of Birth :** 11 / 08 / 1980

**Domicile:** Maharashtra

**Gender :** Female

**Blood Group:** O<sup>-ve</sup>

**Contact Details:** Rajgruh CHS, A2/3, Off Salunke Vihar Road, Kondhwa Khurd,  
Pune 411048

### Academic Background

S. NO.	Qualification	Specialization	University	Class/Grade	Year of Passing
1	M.E	Digital Systems	University of Pune	First Class	May 2012
2	B.E.	E &TC Engineering	Dr.B.A.M.U, Aurangabad	First Class with Distinction	May/June 2001

### Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	18	00
2	Research	00	00
3	Industry	00	00
4.	Others	00	00
<b>Total</b>		<b>18</b>	

### Subjects/Courses Taught

S. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Basic Electronics Engg.	UG	FE	04
2	Microcontrollers	UG	TE (E & TC)	01
3	Advanced Processors	UG	TE (E & TC)	02
4	Electronic Devices & Circuits	UG	SE(Electronics)	02
5	Digital Circuits	UG	SE (E & TC)	02
6	Electrical Circuits	UG	SE (E & TC)	01
7	Control Systems	UG	SE (E & TC)	01
8	Electronic Product Development	UG	BE (E & TC)	01

9	Data Mining	UG	BE (E & TC)	01
---	-------------	----	-------------	----

### Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
<b>Journals</b>	00	04	00	00	02
<b>Conferences</b>	00	01	00	00	00

### Publication Details (Journals)

S. No	Document Details	Authors	Year	Source Details	ISBN / ISSN	Publisher
1	Hand Gesture Segmentation	A.A.Randive, H.B.Mali,S.D.Lokhande	Jun-12	International Journal of Computer Technology and Electronics Engineering	2249-6343	IJCTEE
2	Real Time Hand Gesture Recognition	A.A.Randive, H.B.Mali,S.D.Lokhande	Jul-12	CIIT International Journal of Biometrics and Bioinformatics	0974-9675	CIIT
3	A Review on Performance Analysis of Unilateral and Bilateral Methods of Microwave Amplifier Based on S-Parameters	Vikrant P.Godse, A.A.Randive,Swati S.Godse	Jul-15	International Journal of Advanced Research in Computer Science and Software Engineering	2277-128X	IJARCSS E

4	Performance Analysis of Unilateral and Bilateral Methods of Microwave Amplifier Based on S-Parameters	Vikrant Pradip Godse, Mrs. A.A. Randive, Mrs. Swati D. Rajvanshi	Jul-15	International Journal of Engineering development and Research	2321-9939	IJEDR
5	A Review of Various Shapes Microstrip Patch Antenna for High Frequency Applications	Gokani Deepbhai Kamaleshkumar, Prof. A.A. Randive	May-16	International Engineering Research Journal	2395-1621	IERJ
6	A Sierpinski Carpet Fractal Shaped Compact Ultra Wideband Antenna With Band Rejection Functionality	Harsha S. Bhedarkar, Prof. A.A. Randive	May-16	International Engineering Research Journal	2395-1621	IERJ
7	Frequency Tuning of Visible and Infrared Light under Strong Electric Field in a Dielectric Medium	Pranav Pujari, Mrs. A.A. Randive	May-16	International Journal of Engineering Trends and Technology	2231-5381	IJETT
8	A Stub Loaded Dual Band Microstrip Patch Antenna for WLAN Application	Gokani Deepbhai Kamaleshkumar, Prof. A.A. Randive	Sep-16	International Journal of Advanced Research in Electronics and Communication Engineering	2278-909X	IJARECE
9	Tyre Pressure Monitoring	Ekta Upadhye, Shraddha Sutar,	Jun-19	Journal of	2349-5162	JETIR

	System	Dhanashreya Patil, Dipali Thorat, Mrs.A.A.Randive		Emerging Technologies and Innovative Research		
10	IOT Based Smart Door Lock for Handicap People	Shrawani Salila, Akshay Raut, Sai Sapate, Archaana Randive	July- 23	Journal of Emerging Technologies & innovative Research	2349	JETIR
11	IoT Based Ration Distribution System usinf RFID	A. Dahane, H. Bhong, H. Vyavhare, A.Randive	Jun- 23	Journal of Emerging Technologies & innovative Research	2349	JETIR
12	Hand Motion Control Robotic Arm System	Sakshi Jadhav, Govind Chaure, Archaana Randive	May -23	International Journal of Innovative Research in Computer & Communicatio n Engineering	eISS N: 2320- 9801	IJIRCCE
13	Car Black Box System	Shreyash Shinde, Shreya Choudhari, Adesh Khaladkar, Prof. Archana Randive	Apr- 24	International Research Journal of Innovations in Engineering and Technology	2581- 3048	IRJIET

### Publication Details (Conferences)

S. No	Document Details	Authors	Year	Conference Details	ISBN	Organised by
1.	Implementation of Hand Gesture Recognition Algorithm	A.A.Randive, H.B.Mali, S.D.Lokhande	Mar- 12	Current Trends and Challenges in Management, Engineering, Computer Application and	ISSN: 2249- 7455	Deogiri College, Aurangabad, Maharashtra, India

				Technology		
--	--	--	--	------------	--	--

### PhD / ME / BE Student Guided for Project

<b>Level</b>	<b>Ph.D.</b>	<b>M.E. (PG)</b>	<b>B.E. (UG)</b>
<b>No. of Student guiding</b>	00	04	30

### Professional Memberships

<b>Professional Body</b>	<b>Level ( National/ International)</b>	<b>Type (Fellow/Life/Annual)</b>	<b>Membership No.</b>
Lifetime membership with IEI.	National	Life	M-159171-6

### Patents/IPR Filed/Granted

<b>S. No</b>	<b>Investigator Details</b>	<b>Title</b>	<b>Year</b>	<b>Status (Filed/Granted)</b>	<b>Details</b>
1					

### Details of Workshop/STTP/FDP/Conferences Attended

<b>S. N</b>	<b>Title</b>	<b>Type</b>	<b>Duration</b>	<b>Organizer</b>	<b>Sponsoring Agency</b>
1	5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education"	National	11/07/22 TO 15/07/22	Organized by All India Council for Technical Education (AICTE)	
2	One week International Level Faculty Development Program On "Amazon Web Services"	International	22/08/22 to 27/08/22	Organized by E&TC Department, AISSMS Institute of Information Technology,	

				Pune in collaboration with BRAINOVISION SOLUTIONS INDIA PVT. LTD & ALL INDIA COUNCIL FOR Ministry of Education, India TECHNICAL EDUCATION - AICTE,	
3	Two Days (30 & 31 March 2023) Faculty Development Program (FDP) on "Stepping towards Problem and Project-based Learning	College	30/03/23 to 31/03/23	AISSMS IOIT Pune	
4	One week ISTE approved STTP on "Digital Marketing"	National	13/03/23 to 17/03/23	AISSMS IOIT PUNE in Collaboration with Brainovision Solutions India Pvt .Ltd. & AICTE	
5	One week National Level FDP on Cloud Infrastructure (AWS)	National	21/08/23 to 25/08/23	AISSMS IOIT PUNE in Collaboration with Brainovision Solutions India Pvt .Ltd. & AICTE	
6	Training Programme on Statistical Analysis with Excel	National	09/12/23 to 13/12/23	Jointly organized By AISSMS IOIT, Pune and Research Foundation of India and RFI-CARE	
7	One week Online Faculty Development Program " Transformative Pathways:	National	24/06/24 to 30/06/24	School of Management, Avantika	

	AI and Emerging Trends in Teaching and Research”			University in association with Research Foundation of India & RFI-CARE	
--	--	--	--	--	--

### Major Professional Responsibilities Handled

S. No.	Role and Responsibilities
1.	GFM
2	Student Counselling and Mentor Coordinator
3.	NBA Criteria 4 department level incharge
4.	NAAC Criteria 7 department level incharge
5	Department Media Coordinator
6.	Virtual Lab Nodal Center Coordinator

### Awards Received

S. No.	Awards
1.	

**Declaration:** I hereby declare that all the statement made above are correct to the best of my knowledge and belief.

**Mrs.Archaana A. Randive**

(Name with Signature)