

Faculty Profile

- **Faculty Name** : **Amruta Balu Kale**
- **Designation** : **Assistant Professor**
- **Department** : **E & TC Engineering**
- **Mobile No.** : **9011515668**
- **Email Id.** : **abk@amgoi.edu.in**

● Educational Qualification

Sr. No.	Degree & Specialization	University/Board & Year of Passing	Percentage	Class obtained
1.	PhD (Electronics Technology)	Shivaji University, Kolhapur,2018	Pursuing	
2.	M. Tech (Electronics Technology)	D.O.T,Shivaji University, Kolhapur,2014	8.06	First Class
3.	B.E (E&Tc)	R.I.T College of Engineering and Technology, Sakharale,2011	70.31%	First Class with Distinction
4.	H.S.C.	K.R.P. Kanya Mahavidyalaya, Islampur,2007	68%	First Class
5	S.S.C	Yashwant High school, Islampur,2005	75.86%	First Class with Distinction

● Professional experience:-

Total experience in years:-05

Teaching: - 05

Industrial: -00

Research: -00

Sl.	Organization	Post	Period
1	Ashokrao Mane Group of Institutions, Vathar	Assistant Professor	From 15 July 2014 to till date

➤ **Subject Taught:-**

Undergraduate Subjects			
1	Digital Electronics	2	Microprocessor & Microcontroller
3	Linear Integrated Circuit	4	Analog Circuit
5	Wireless Mobile Communication	6	Microprocessor
7	Microcontroller & its Application	8	Digital System & Microprocessor
9	Programming Language	10	Soft Skill Development
Postgraduate Subjects			
1	Mobile Communication	2	Estimation & Detection Theory

➤ **Project Work at U.G.:-** “Wireless Parameter Monitoring System”

Project Work at P.G.:-“Smart Missile Navigation in Defence System Using RC4 Algorithm to Detect Target.”

Research Area of Interest: - Image Processing, Watermarking

➤ **Paper Presented in National & International Conference:-**

Sl.	Title	Name of Conference & Institute	Type* (NC/IC)	Date
1	Smart Missile Navigation in Defence System Using RC4 Algorithm to Detect Target”	the National conference held at D.Y.Patil college of Engineering, Pune	NC	27 December 2013.

*NC- National Conference

IC- International Conference

➤ **Paper Published in National & International Journal:-**

Sl.	Title	Name of Journal	Type* (NJ/IJ)	Date	ISSN No.
1	Smart Missile Navigation in Defence System Using RC4 Algorithm to Detect Target”	International Journal of Research in Engineering and Technology	IJ	Apr-2014.	Volume: 03 Issue: 04
2	Modeling Of Two Wheeler Vehicle For Fuel Indication In Digital And Accident Detection	International Research Journal of Engineering and Technology	IJ	Oct -2017	Volume: 04 Issue: 10
3	Smart Helmet Wear For Driver Safety	International Journal of Research in Engineering and Technology	IJ	November 2017	Volume 6, Issue 11

* NJ- National Journal

IJ- International Journal

➤ **No. of Project Guided at U.G. Level:-** 06

➤ **No. of Project Guided at P.G. Level:-** 00

➤ **No. of Certified Courses completed:-** 00

➤ **Expert Lectures Delivered as a Resource Person:-**

Sl.	Name of STTP/FDP/workshop/Conference	Institute	Date
1			

➤ **STTP/FDP/Workshops/Attended/Participated:-**

Sl.	Name of STTP/FDP/workshop	Institute	Date
1	One day Workshop on “Final year syllabus formation of BE (E&TC)”	AMGOI, Vathar.	9 th Feb. 2015
2	one day workshop on “Overall Personality Development”	AMGOI, Vathar.	18 th Feb. 2015.
3	one day FDP on “Accreditation by NBA- June 2015 Format”	AMGOI, Vathar	8 th Nov., 2015
4	one day FDP on “Program of Resourceful State and Effective Teaching”	AMGOI, Vathar	24 th Nov. 2015
5	Two days FDP Workshop on “GUI Design and Arduino Interfacing in MATLAB”	SGI, Atigre	17 th & 18 th December 2015.
6	One Week STTP on “Embedded System Design & Implementation Using Arduino”	AMGOI, Vathar	11 th to 16 th Jan. 2016
7	one week FDP on “Induction Training” in association with Faculty Chapter, ISTE New Delhi	AMGOI, Vathar	3 rd to 9 th Nov. 2016
8.	one day FDP on “FDP on “Research Methodology & patent Filing”	AMGOI, Vathar	7 th Jan.2017
9.	Two Day Workshop on “Training to Research Scholar on Research Gap Identification”	AMGOI, Vathar	28 th & 29 th Feb,2020

➤ **Programs Organized:-**

Sl.	Name of Program	Institute	Date
1			

➤ **Book Published:- 00**

➤ **Departmental Responsibilities:-**NBA Criteria number 04 Coordinator
Class coordinator, unit test coordinator,

Time Table Coordinator, NPTEL coordinator

➤ **Other Experience/Responsibilities If Any :-** Member of Special Cell committee,
ICC cell Member, Pride Magazine Member
Co- coordinator for Admission cell.
Co-coordinator for NSS camp at Ambap

Social Contribution If Any:-

➤ **Professional Affiliation:-**

➤ **Professional Membership If Any:-**

1.Life Member of the Indian Society Technical Education (ISTE) LM104155.