

Faculty Profile

- **Faculty Name** : Ms. Vijaya Dinkar Desai.
- **Designation** : Assistant Professor
- **Department** : Computer Science & Engineering
- **Mobile No.** : 8975318643
- **Email Id.** : vdd@amgoi.edu.in

● Educational Qualification

Sl.	Degree	University	Class
1	Ph.D.(Computer Science and Engineering)	Symbiosis International University	Pursuing
2	M.E.(Computer Network)	Savitribai Phule,Pune University	First class
3	B.E.(Information Technology)	Mumbai University	First class
4	Diploma (Information Technology)	M.S.B.T.E.	First class

● Professional experience:-

Total experience in years:-12

Teaching: - 7 Industrial: -5 Research: -00

Sl.	Organization	Post	Period
1.	Ashokrao Mane Group of Institutions,Vathar	Assistant Professor	July 2019 to Till Date
2.	JSW Pvt LTD. Sangli	Software Developer	June 2018 to April 2019
3.	ASP .Net Solution Pvt LTD. Sangli	Software Developer	June 2014 to June 2017
4.	Dr.D.Y.Patil College Of Engineering & Technology, Kolhapur.	Assistant Professor	July 2013 to May 2014
5.	ASP .Net Solution Pvt LTD. Sangli	Software Developer	June 2012 to May 2013

➤ Subject Taught:-

Undergraduate Subjects			
1	Fundamental of Electronic & Computer	2	Microprocessor 8085
3	Microprocessor 8086	4	Computer Organization
5	Digital System and Microprocessor	6	Database Systems
7	Advanced Computer Architecture	8	Real-Time Operating Systems
9	Operating Systems	10	Internet Of Things
11	Cloud Computing	12	Block chain Technology
13	Computer Networks	14	Object – oriented Programming in C++
15	Cryptography and Network Security		
Postgraduate Subjects			
1	Advanced Computer Networks	2	Intrusion Detection System
3	Storage Systems	4	Advanced Operating System

5	Advanced Database Management System		
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- **Project Work at U.G.:** “Fuzzy Keyword Search Over Encrypted Data In Cloud Computing”.
- **Project Work at P.G.:** “Optimization of IDS Sensor Placement using Attack Graph”.
- **Research Area of Interest:** Networking. Operating System, Image Processing, .NET
- **Certified Courses:-**

- 1) CCNA (NETWORKING),Linux Red Hat Certified Engineer(karRox ISO9001:2000)certified July 2009.
- 2) C# .NET (NIIT)certification.
- 3) “Java Foundation” By Oracle Acadamy
- 4) Generative AI on GCP: An Introduction Under Infosys Spring board

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

Sl.	Title	Name of Journal	Type* (NJ/IJ)	Date	ISSN No.
1	Enhancing Cyber Attack Detection with Machine Learning through Multi-objective and Evolutionary Optimization for autonomous Vehicles	International Advanced Journal in Science, Engineering and Technology	IJ	March 2025	2394-1588
2	A Diabetic Retinopathy Detection Through Quantum Transfer Learning	Indian Institute of Industrial Engineering	IJ	Dec2024	0970-2555
3	Solar Panel Dust Detection Classification And Efficiency Analysis Using Computer Vision And Deep Learning	International Journal of Innovative Research in Technology	IJ	Dec2024	2349-6002
4	A Review on “IPFS Based Decentralized Social Media Platform”	International Journal of Computer Science And Mobile Computing	IJ	May2023	Volume12,Issue5

- **Published in National Conference :-**

Sr.No	Title of Paper	Name of Conference	Institute
1	“Deployment And Optimization of Intrusion Detection System (IDS) Sensor”	Emerging Trends in Engineering Technology & Architecture	Dr.D.Y.Patil College Of Engineering & Technology, Kolhapur
2	“Alert Prioritization and Attack Graphs for Intrusion Detection System”	cPGCON-2015	Bhujbal Knowledge City,Nashik

3	"Wi-Fi"	Intra-collegiate Technical Event "Disha"	Bharti Vidyapeeth, Palus
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➤ **International Conference:-**

Sr.No	Title of Paper	Name of Conference	Institute
1	"Attack Graph Analysis Using NS2 "	International Conference on Computing Communication And Energy System (IET)	Rajarambapu Institute of Technology, Islampur
2	"Computer Network Security Using Attack Graphs and Security Processing Method By Placement of IDS sensor "	International Journal of Informative and Futuristic Research	International Journal of Informative and Futuristic Research
3	"Placement of Sensor Using Attack Graph" in "Journal of Emerging Technologies and Innovative Reaserch "	International Journal of Emerging Technologies and Innovative Research	International Journal of Emerging Technologies and Innovative Reaserch

* NJ- National Journal

IJ- International Journal

➤ **No. of Project Guided at U.G. Level:-** 16

➤ **No. of Project Guided at P.G. Level:-** 05

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

Sr. No	Name of STTP/FDP/workshop	Institute	Attended/Participated
1	One Week FDP on "LaTeX"	AMGOI ,VatharSpoken Tutorial Project, IIT Bombay.	Attended
2	One Week FDP on "Current Trend in Information Technology Sector"	YSPM,Satata	Attended
3	One Week FDP on "Data Analysis Using Advanced Excel"	BSIET,Kolhapur	Attended
4	One week STTP on "Mathematical Modeling and Numerical Techniques".	AMGOI ,Vathar	Attended
5	One week STTP on "Optimization Techniques And Awareness On Research".	AMGOI ,Vathar	Attended
6	One Week Short Term Training Programme (STTP) on "Wireless Simulations in NS-2 & NS-3".	"Rajarambapu Institute of Technology (RIT)"Rajaramnagar,Sa ngli.	Attended
7	Two Days State Level workshop on "Emerging Trends in Database(ETID-2013)"-	Trinity College of Engineering, Pune.	Attended

8	One Day workshop Designed and Presented for Syllabus Setting in Shivaji University on “Fundamental of Electronics & Computer(First Year)2013”	Tatyasaheb Kore Institute of Engineering and Technology (TKIET), Warananagar, Kolhapur	Attended and Participated
9	One Week workshop on	“Windows Application Development using VC#.Net”	NIIT, Sangli.

➤ **Programs Organized:-**

Sr.No	Name of Program	Institute	Date
1	Women’s Day Celebration “Celebrating Women Legends: Strength, Inspiration, and Change”	AMGOI, Vathar	7th March 2025.
2	ACES Inauguration Function as well as fresher’s Wel-Come Function	AMGOI, Vathar	7th August 2019.
3	Industrial Visit for B.E. student	AMGOI, Vathar	18th, 19th Oct 2019

➤ **Departmental Responsibilities:-**

- 1) Exam Co-ordinator
- 2) NBA Co-ordinator
- 3) GATE Tutor Coordinator.

➤ **Other Experience/Responsibilities If Any :-**

- 1) Central level GATE Tutor Coordinator
- 2) Central level DBATU Remedial Exam Co-ordinator
- 3) ICC cell Member Secretary