Faculty Profile

- **Faculty Name**   :   **Mr. Kiran Nivrutti Patil**
- **Designation**   :   **Assistant Professor**
- **Department**   :   **Computer Science and Engineering**
- **Mobile No.**   :   **9604669060**
- **Email Id.**   :   **knp@amgoi.edu.in**

- **Educational Qualification**

Sr. No.	Degree	University	Class
1	Ph.D. (Scholar) – Electronics Engineering	Shivaji University, Kolhapur	-
2	M.E . – Electronics Engineering	Shivaji University, Kolhapur	First
3	B.E.- Electronics Engineering	Shivaji University, Kolhapur	First

- **Professional experience**:-

Total experience in years:-23

Teaching: - 20   Industrial: -03 Research: -00

Sr. No.	Organization	Post	Period
1	Ashokrao Mane Group of Institutions, Vathar	Assistant Professor	23rd Sept 2024 to Till Date
2	Dr. Daulatrao Aher College Of Engineering, Karad	Assistant Professor	1st January 2024 to 20th sept 2024
3	Nanasaheb Mahadik College Of Engineering Peth Naka	Assistant Professor	13th July 2019 to 27th Dec 2023
4.	Annasaheb Dange College of Engineering & Technology	Assistant Professor	1st July 2013 to 6th July 2019
5.	Rajarambapu Institute of Technology,sakharale	Assistant Professor	6th January 2011 to 25th June 2013
6.	Fr. C. Rodriquess Institute of Technology, Sector 9A, Vashi,	Lecturer	1st June 2006 to 31st July 2009
7	Bharati Vidyapeeth Institute of Technology (Polytechnic), Sector No. 7, Belpada, C.B.D	Lecturer	23rd June 2002 to 21st January 2006

- ➤ **Subject Taught**:-

Undergraduate Subjects			
1	Digital Logic Design and Microprocessor	2	Java Programming
3	Data structures	4	Network Analysis
5	Electronic devices & circuits	6	Discrete mathematics

- ➤ **Project Work at U.G.:-** PC Based IC Tester Cum Component Data Bank

- ➢ **Project Work at P.G.:-** Distance Education Through Mobile Computing Using J2ME and Software Components.   -
- ➢ **Research Area of Interest:-**   Communication, Information Technology
- ➢ **Book Published :- 02**
- ➢ **Paper Published in National & International Journal:-**

Sl.	Title	Name of Journal	Type* (NJ/IJ)	Date	ISSN No.
1.	2 x 2 Microstrip Patch Antenna Array for Improving the Power Conversion Efficiency of RF Energy Harvesting	2 x 2 Microstrip Patch Antenna Array for Improving the Power Conversion Efficiency of RF Energy Harvesting	IC	19-20 Sept. 2024	
2	RF energy harvesting: A review on power conversion efficiency Improvement strategie	IEEE Conference Record No. #54719 Wireless, Antenna and Microwave Symposium	IC	5-8 June 2022	
3	Design of High Gain Antenna for RF Energy Harvesting,"	Alochana Chakra Journa	IJ	5, May 2020.	
4	Easy Implementation of Solar Panel Cleaner	International Journal of Innovative Technology and Exploring Engineering	IJ	Jan. 2020	
5	Accident Avoidance Using RF Transmission and Reception,"	International Journal Of Research And Analytical	IJ	Nov. 2019	
6	Evaluation of Water Content in Milk Using Microwave Transmission Approach with 3 Horn Antenna,"	International Journal of Informatics and Communication Technolog	IJ	Aug. 2018	
7	"Implementation of Arduino controlled automated model for automatic processing of milk packets in dairy industry,",	International Journal of Mechanical Engineering and Technology	IJ	Aug. 2018	
8	Estimating adulteration of petrol with kerosene using microwave transmission with horn antenna	International Journal of Mechanical Engineering and Technology	IJ	Mar. 2018	
9	"Artificial neural network model for predicting direct solar radiation for a single grid node by MAT LAB,"	International Journal of Applied Engineering Research	IJ	Nov. 2017.	
10	Solar Powered Automatic Fruit Drying System	International Journal of Advanced Research in Electronics and communication Engineering	IJ	Mar. 2016	
11	Monitoring of Turbidity, PH & temperature of water Based on GSM,"	International journal for research in emerging science and technology	IJ	Mar. 2015.	

* NJ- National Journal   IJ- International Journal *IC- international conference

- ➢ **No. of Project Guided at U.G. Level:-**   30
- ➢ **No. of Project Guided at P.G. Level:-**   00

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

Sl.	Name of STTP/FDP/workshop	Organized By	Date
1	Hands-on experimentation on Deep Learning	ADCET Ashta	17th – 22nd Jume 2019
2	C and C++	RWMCT's Dnyanshree Institute of Engineering and Technology	29 February 2020.
3	MatlabR2018a Tools & Its engineering Application	ADCET Ashta	24th to 28th dec 2018
4	Netsim V10: A practical approach	ADCET Ashta	11th to 15th dec 2017
5	NCPRE familiarization workshop on photovoltaics	IIT Mumbai	30th Nov 2017
6	SCILAB & SCICOS	ADCET Ashta	21st to 26th Nov 2016.
7	Image Processing	ADCET Ashta	29th December 2015 to 11th January 2016.
8	Control Systems	RIT, Sakharale	2nd to 12th December 2014
9	Emerging Trends in VLSI & Embedded Systems: A System On Chip Approach	ADCET Ashta	24th to 28th November 2014.
10	Recent Trends in Video Engineering	SIT, Yadrav.	May 2014
11	Solar photovoltaics	RIT, Sakharale	12th to 22nd Dec 2011
12	Recent Trends in Electrical Engineering	RIT, Sakharale	2nd to 6th May 2011
13	Component Technology	FCRIT Vashi	17th to 22nd December 2007
14	Wireless Technologies & mobile Computing	FCRIT Vashi	15th -19th January 2007
15	Web Technology	SSGMCOE, Shegaon.	4th – 8th December 2006

➢ **Programs Organized:-**

Sl.	Name of Program	Institute	Date
1.	Research Orientation For Electrical Engineering Faculty	RIT, Sakharale	20th February 2011

➢ **Special Achievements**
   1. Successfully completed 12 weeks NPTEL online certification course (NPTEL-AICTE FDP) "NBA accreditation and Teaching Learning" with score of 61% (Elite category) during Jan-Apr 2022
   2. Successfully completed 12 weeks NPTEL online certification course (NPTEL-AICTE FDP) "Microprocessor & Microcontroller " during Jan-Apr 2022

3. Successfully completed 12 weeks NPTEL online certification course (NPTEL-AICTE FDP) "Antennas" with score of 60% (Elite category) during Jan-Apr 2020.
4. Successfully completed 8 weeks NPTEL online certification course "Introduction to Research" with score of 77% (Elite+silver category) during Feb-Apr 2019.
5. Successfully completed 8 weeks NPTEL online certification course "Design for Internate Of Things" with score of 71%(Elite category) and Top 5% rank during jul-sep 2017.
6. Sun Certified Programmer for Java 2 Platform Standard Edition 5.0.
7. Appreciation from S.D.S.S for 100% result for subject Audio video engineering for B.E (E & TC) in 2014.
8. Appreciation letter for student's feedback for subject Electrical Machines and Measurement for first semester of S.E. (E&TC) for the year 2013-14.

➢ **Departmental Responsibilities:-** ISTE Coordinator
➢ **Other Experience/Responsibilities If Any :-**
➢ **Social Contribution If Any:-**