

Faculty Profile

<input type="checkbox"/> Faculty Name	:	Dr. Chetan Rajan Dongarsane
<input type="checkbox"/> Designation	:	Professor & HOD
<input type="checkbox"/> Department	:	Electronics & Computer Engineering
<input type="checkbox"/> Mobile No.	:	9881563153
<input type="checkbox"/> Email Id.	:	crd@amgoi.edu.in

• Educational Qualification

Sl.	Degree	University	Class
1	B.E.- Electronics Engineering	Shivaji University, Kolhapur	Distinction
2	M. E. – Electronics and Telecommunication Engineering	Shivaji University, Kolhapur	Distinction
3	Ph.D.- Electrical & Electronics Engg. Sciences	Visvesvaraya Technological University, Belagavi	

• Professional experience:-

Total experience in years:-

18

Teaching: - 17 Industrial: -01 Research: -00

Sl.	Organization	Post	Period
1	Ashokrao Mane Group of Institutions, Vathar	Professor	Sept 2023 – Till Date
2	Sanjeevan Engineering and Technology Institute, Panhala	Assistant Professor	Aug 2012 – Aug 2023
3	D.Y. Patil College of Engg. & Tech., Kolhapur	Assistant Professor	Jan 2010 – July 2012
4	Dr. J.J. Magdum College of Engineering, Jaysingpur	Lecturer	Aug 2008 – Dec 2009
5	Manugraph India Ltd., Kolhapur	Apprentice Engineer	Oct 2007 – July 2008

➤ Subject Taught:-

Undergraduate Subjects			
1	Wireless Communication Networks	2	Computer Communication Networks
3	Digital Communication	4	Microprocessor and Microcontroller
5	Embedded System	6	Analog and Digital Electronics
7	Mobile Communication	8	IoT
Postgraduate Subjects			
1	Wireless and Mobile Communication	2	Estimation and Detection Theory



- **Project Work at U.G.:-** Control Panel for Chemical Plant
- **Project Work at P.G.:-** DOA Algorithms for Smart Antenna.
- **Project Work at Ph.D.:-** Secured and Energy Efficient algorithms for WSN on IoT platform
- **Research Area of Interest:-** Wireless Communication , Wireless Sensor Network
- **Book Published :-**
- **One book published on ‘Wireless Communication’.**
- **Published by : Bluepen International, Chennai (ISBN:978-93-6940-914-3)**

Sr. No	Name of the book	University
1	Wireless Communication	Dr.Babsaheb Ambedkar Technological University,Lonere

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

Sr. No	Title	Name of Journal	Type* (NJ/IJ)	Date/Year	ISSN No.
1	Performance Evaluation of SA-LA Routing Protocol for WSN integrated IoT	Suranaree Journal of Science and Technology.	IJ	2023	0012-9547
2	Design of Energy Efficient and Secured Routing Protocol for WSN in IoT	Design Engineering(Toronto,Canada)	IJ	2021	0011-9342
3	A Relative Simulation Study of Energy Aware Routing Protocols for Wireless Sensor Network	International Journal of Future Generation Communication and Networking	IJ	2020	2233-7857
4	Performance Analysis of AES Implementation on A Wireless Sensor Network	Springer-(2019)	IJ	2019	ISBN978-3- 030-16848-3
5	Wireless Mini CNC Plotter	International Journal for Research in Applied Science &Engineering Technology	IJ	2019	2395-0056 2395-0072
6	Self-Operated Petrol Pump	International Journal of Advance Research ,Ideas And Innovations In Technology	IJ	2017	2454-132X
7	Green House Automation using IoT	International Journal of Engineering and Technology	IJ	2017	e-2395-0056 p-2395-0072
8	Embedded Web Server sing	International Journal of Engineering and	IJ	2016	e-2395-0056 p-

	TCP/IP Protocol	Technology			2395-0072
9	Ubiquitous Home Control and Monitoring System Using IoT	International Journal of Engineering and Technology	IJ	2016	e-2395-0056 p-2395-0072
10	Advanced data logger and tracer for Earthmover and Heavy Machineries	International Journal of Innovations in Engineering and Technology	IJ	2015	2319-1058
11	Performance Analysis of Direction of Arrival Algorithms for Different Radio Channels	Annual Research Journal-	IJ	2012	2249-0426
12	Simulation study on DOA estimation using MUSIC algorithm	International Journal of Technology and Engineering System	IJ	2011	2210-1455
13	Performance Analysis of ESPRIT Algorithm for Smart Antenna System	International Journal of Communication Network and Security.	IJ	2011	2331-1882

* NJ- National Journal

IJ- International Journal

➤ No. of Project Guided at U.G. Level:- 33

➤ No. of Project Guided at P.G. Level:- 02

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

Sr. No	Topic	Organized by Institute	Period
1	NEP-2020 Orientation and Sensitization Program	UGC-MMTTC(GAD-MMTTC), Shri Guru Tegh Bahadur Khalsa College,	04 th to 14 th November '24
2	A Deep Dive into Artificial Intelligence(AI) and its Application Workflows Using MATLAB	Bharati Vidyapeeth College of Engineering, Pune	15 th to 19 th July '24
3	Machine Learning from Novice to Expert	DKTE Society's Yashwantrao Chavan Polytechnic, Ichalkaranji	11 th to 13 th March '24
4	Recent Advances and Future Trends in AI Tools, Computer Vision and NLP	SKN Sinhgad Institute of Technology & Sciences, Pune	26 th Feb to 1 st March '24
5	Capacity Building of HEI's Through Research Initiatives –Series I	PM-USHA initiative – SWVSM Warananagar	12 th and 13 th April '24

6	Advanced Topics in Wireless Communication(Hindi)	NPTEL-AICTE	8 Weeks'24
7	Design of Experiments and optimization	AMGOI, Vathar	11 to16 December'23
8	Deep Learning Approaches for Inverse Learning in Imaging	NIT, Goa	20 to 24November'23
9	Introduction to NBA	S.E.T.I., Panhala.	15 March 2022
10	Explore Electrical Engineering in Industrial Applications	Manakula Vinayagar Institute Of Technology, Paducherry	15 to 19 June'20
11	Python3.4.3	Pragati Engineering College, Andhra Pradesh in Association With Spoken Tutoria IIT, Bombay	8 to 13 June'20
12	Arduino	Jaihind C.O.E.,Punein Association with Spoken Tutorial ,IIT, Bombay	19 to24 May'20
13	Latex	S.B.Patil C.O.E., Indapur in Association withSpokenTutorialIIT, Bombay	25 April to 1May'20
14	Machine Learning and Deep Learning	S.E.T.I.,Panhala	1 & 2 Nov2019
15	Grid Connected Solar Roof Top & Off Grid Projects	S.E.T.I.,Panhala.	11 March 2017
16	CMOS, Mixed Signal and Radio Frequency VLSI Design	K.I.T.C.O.E.,Kolhapur in Association with IIT, Kharagpur	30 Jan to 4Feb2017
17	Recent Trends in PLC, LabVIEW and IoT	S.E.T.I.,Panhala.	26 to 30 Dec 2016
18	Applications in Engineering Based on MATLAB	S.E.T.I.,Panhala	21 to 25 Dec 2015

19	Introduction to Design Algorithms	Shivaji University, Kolhapur in Association with IIT, Kharagpur	27 April to 3 May 2015
20	Signals and System	D.Y.P.C.E.T., Kolhapur in Association with IIT, Kharagpur.	2 to 12 Jan 2014
21	Analog Electronics	K.I.T.C.O.E., Kolhapur in Association with IIT, Kharagpur	4 to 14 June 2013
22	Introduction to Robotics	D.K.T.E.-Ichalkaranji	8 to 9 Oct 2013
23	Advances in signal processing using VLSI	K.I.T.C.O.E, Kolhapur	31 Dec 2012 to 4 Jan 2013
24	Introduction to Research Methodologies	D.Y.P.C.E.T., Kolhapur in Association with IIT ,Bombay.	25 June 2012 to 4 July 2012
25	STTP on Recent Trends in Wireless Communication & Networking	D.Y.P.C.E.T., Kolhapur.	13 to 18 Feb 2012
26	MATLAB Programming	D.Y.P.C.E.T., Kolhapur.	15 to 19 Aug 2009
27	Actual Technology	Dr.J.J.M.C.O.E, Jaysingpur.	21 March 2009
28	STTP on MATLAB & Fuzzy Logic	Dr.J.J.M.C.O.E, Jaysingpur.	15 to 26 Dec 2008

➤ **Programs Organized:-**

Sl.	Name of Program	Institute	Date
1	Introduction to NBA	S.E.T.I., Panhala.	15 March 2022
2	SDP on Virtual Instrumentation and Industry 4.0	AMGOI, Vathar	4 to 6 April 2024

➤ **Special Achievements :-**

- Ph.D. Research Supervisor at Visvesvaraya Technological University for Faculty of Electrical and Electronics Engineering Sciences.
- Design Patent on “Device for Integrating WSN Protocol into IOT” by Government of India
- Design Patent on “ Interactive Mental Health Tracking Device” by Government of India.
- Design Patent on “Autonomous Precision Farming Rover” by Government of India.
- BoS member of Department of Electrical Engineering at D.Y.Patil Technical Campus, Talsande.
- Approved Reviewer of “International Journal of Engineering Research in Africa(JERA)” A Scopus indexed journal.
- Approved Reviewer of “Recent Advances in Electrical and Electronic Engineering” journal.
- Editorial board member in “Edwin Group of Journals”.
- Section Editor of “Computing and Artificial Intelligence” journal, Singapore.

- Approved PG Teacher for E&TC Engineering in Shivaji University, Kolhapur.
- Resource Person for ISTE Approved FDP at Dr.A.D.Shinde Institute of Technology
- Delivered Expert talk on IPR Awareness at Dr.A.D.Shinde Institute of Technology
- Worked as Judge for MSBTE sponsored Technical Paper Presentation at Sanjay Ghodawat Polytechnic,Atigre
- Worked as Judge for National Level Youth Ideathon Competition at New Polytechnic, Kolhapur.
- Worked as Reviewer for National Level UG/PG conference at J .J. Magdum College of Engineering, Jaysingpur.

- **Departmental Responsibilities:-** NAAC, Academic Coordinator, Exam Coordinator

Other Experience/Responsibilities If Any :- Industry Relation Coordinator., IIC
President, Senior Supervisor for University Exams

- **Social Contribution If Any:-** Tree Plantation, Blood Donation

Professional Membership If Any:-

1. Life member of ISTE No: **LM 73861**
2. Lifetime **IETE** Member No: **AM234049**,
- 3.**MIET** No:1101186966