

CURRICULAM VITAE

Name : Dr.Dongarsane Chettan Rajan

Branch: Electrical & Electronics Engg. Sciences

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EXPERIENCE:

Sr. No	Institute/Organization	Designation	Working Period
1	Ashokrao Mane Group of Institutes, Vathar.	Professor and HoD	Working since Sept 2023
2	Sanjeevan Engineering and Technology Institute, Panhala.	Assistant Professor	Aug 2012 to Aug 2023
3	D.Y.Patil College of Engineering & Technology, Kolhapur.	Assistant Professor	Jan 2010 to July 2012
4	Dr.J.J.Magdum College of Engineering, Jaysingpur.	Lecturer	Aug 2008 to Dec 2009
5	Manugraph India Ltd, Kolhapur.	Apprentice Engineer	Oct 2007 to July 2008

EDUCATIONAL QUALIFICATION:

Sr. No	Name Of Exam	University/College	Year Of Passing	Class
1	Postdoc	CTIF Global Capsule, Aarhus University, Denmark	Pursuing	
2	Ph.D. (Electrical & Electronics Engg. Sciences)	JSSATE, Bengaluru - VTU	2023	
3	M.E.(E&TC)	Shivaji/DYPCET,Kolhapur	2012	Distinction
4	B.E.(Electronics)	Shivaji/DYPCET,Kolhapur	2007	Distinction
5	Diploma (DIE)	Government Polytechnic, Kolhapur	2004	Distinction

Professional Body Memberships

ISTE Membership No: LM 7386

IETE Membership No: AM 234049

MIET Membership No: 1101186966

IEEE Membership No. 1017699921

Special Achievements

- Ph.D. Research Supervisor at Visvesvaraya Technological University for Faculty of Electrical and Electronics Engineering Sciences.
- Design Patent by Government of India on
 1. Device for Integrating WSN Protocol into IOT
 2. Interactive Mental Health Tracking Device.
 3. Autonomous Precision Farming Rover.
 4. Agricultural Hazard Monitoring Device.

- BoS member of
 1. Department of Electrical Engineering at D.Y.Patil Technical Campus, Talsande.
 2. Department of Electrical Engineering at Ashokrao Mane Group of Institutions, Vathar
 3. Department of Electronics and Computer Engg. at Ashokrao Mane Group of Institutions, Vathar
- Approved Reviewer for following Journals
 1. International Journal of Engineering Research in Africa (JERA) A Scopus indexed journal.
 2. Recent Advances in Electrical and Electronic Engineering journal.
 3. Computers and Electrical Engineering- An International Journal Q1
 4. International Journal of Intelligent Engineering Informatics Q1
- Worked as Reviewer for following International-National Conferences.
 1. International Conference on future technologies, Sangli, India
 2. International Conference On Integrated Research And Sustainable Development, Kolhapur, India
 3. International Conference on Communication, Image Processing and Computing, Sangli, India
 4. IEEE's International Conference on Future Technologies, Sangli, India
 5. International Conference on Convergence of Technologies for Viksit Bharat, ICCTVB-2025, Kolhapur, India
 6. National Level UG/PG conference at J.J.Magdum College of Engineering, Jaysingpur.
- Resource Person for
 1. ISTE Approved FDP on Comprehensive Insights into IoT and Industrial Technologies at Dr.A.D.Shinde Institute of Technology
 2. FDP on LabView at Ashokrao Mane Polytechnic, Vathar
 3. FDP on Applications of AI in industrial drives and control at SIT, Yadav
- Worked as Judge for
 1. MSBTE sponsored Technical Paper Presentation at Sanjay Ghodawat Polytechnic, Atigre
 2. National Level Youth Ideathon Competition at New Polytechnic, Kolhapur.
- Received grant worth Rs.1 Lakh for ATAL FDP "Next-Gen Manufacturing: Embracing Industry 4.0"
- Currently working as HoD department of Electronics and Computer
- Collage level Central Industry Relation Coordinator, IIC President
- Book published on 'Wireless Communication' Published by Bluepen International, Chennai
- Editorial board member in "Edwin Group of Journals".
- Worked as session chair for International Conference On Integrated Research And Sustainable Development, Kolhapur, India
- Section Editor of "Computing and Artificial Intelligence" journal, Singapore.
- Approved PG Teacher for E& TC Engineering in Shivaji University, Kolhapur.
- Delivered Expert talk on IPR Awareness at Dr.A.D.Shinde Institute of Technology

CITATION TILL DATE (REF: GOOGLE SCHOLAR)

Citation	All	Since 2019
	85	32
h-index	5	4
10 index	2	1

JOURNAL/PUBLICATIONS:

Sr.No	Paper Title	Published Journal	Volume,Issue No	ISSN No.
1	RFID and GPS Integration for Automated Bus Fare Calculation and Route Optimization	Power System Technology Scopus Indexed(2026)	Volume 49 Issue 4	1000-3673
2	Performance Evaluation of SA-LA Routing Protocol for WSN integrated IoT	Suranaree Journal of Science and Technology a Scopus- ESCI (WoS) Indexed unpaid journal (2023)	Vol. 30 No. 2	0858-849X
3	Design of Energy Efficient and Secured Routing Protocol for WSN in IoT	Design Engineering(Toronto, Canada)- Scopus Indexed(2021)	2021,No.7	0011-9342
4	RFID and GPS Integration for Automated Bus Fare Calculation and Route Optimization	Power System Technology Scopus Indexed (2026)	Vol.49, Issue-4	1000-3673
5	A Relative Simulation Study of Energy Aware Routing Protocols for Wireless Sensor Network	International Journal of Future Generation Communication and Networking – ESCI Indexed Web of Science Group- (2020)	Vol. 13, No. 3	2233-7857
6	Performance Analysis of AES Implementation on A Wireless Sensor Network	Springer-(2019)	Vol-I	ISBN 978-3-030-16848-3
7	Wireless Mini CNC Plotter	International Journal for Research in Applied Science & Engineering Technology (IJRASET-2019)	Vol-7, Issue-3	
8	Self-Operated Petrol Pump	International Journal of Advance Research ,Ideas And Innovations In Technology (IJARIIT- 2017)	Vol-3,Issue-2	2454-132X
9	Green House Automation using IoT	International Journal of Engineering and Technology (IRJET-2017)	Vol.- 4, Issue-1	e-2395-0056 p-2395-0072
10	Embedded Web Server Using TCP/IP Protocol	International Journal of Engineering and Technology (IRJET-2016)	Vol.- 3, Issue-2	e-2395-0056 p-2395-0072
11	Ubiquitous Home Control and Monitoring System Using IoT	International Journal of Engineering and Technology (IRJET-2016)	Vol.- 3, Issue-2	e-2395-0056 p-2395-0072

12	Advanced data logger and tracer for Earth mover and Heavy Machineries	International Journal of Innovations in Engineering and Technology (IJIET-2015)	Vol.- 6, Issue-1	2319-1058
13	Performance Analysis of Direction of Arrival Algorithms for Different Radio Channels	Annual Research Journal-(2012)	Volume -2	2249-0426
14	Simulation study on DOA estimation using MUSIC algorithm	International Journal of Technology and Engineering System(IJTES-2011)	Vol.-2. Issue – 1.	2210-1455
15	Performance Analysis of ESPRIT Algorithm for Smart Antenna System	International Journal of Communication Network and Security.(IJNS-2011)	Vol. –I, Issue -3	2331- 1882

INTERNATIONAL /NATIONAL CONFERENCE:

Sr.No	Paper Title	Name of Conference	Organized by	Remark
INTERNATIONAL				
1	RFID and GPS Integration for Automated Bus Fare Calculation and Route Optimization	Integrated Research And Sustainable Development	AMGOI, Kolhapur, India	Published in Springer
2	A Comprehensive Review of Blockchain Frameworks for Secure Banking Transactions Using Hashing and Cryptographic	Integrated Research And Sustainable Development	AMGOI, Kolhapur, India	
3	Deep Learning Approaches in Eye Tracking: Applications for Mouse Cursor Movement and Automated Clicking	Integrated Research And Sustainable Development	AMGOI, Kolhapur, India	
4	Performance Analysis of AES Implementation on A WSN	Advanced Technologies for Societal Applications- 2018	C.O.E, Pandharpur	Published in Springer
5	Comprehensive Security schemes for Integrating WSNs into IoT	Advanced Technologies for Societal Applications- 2016	C.O.E, Pandharpur.	
6	Prefiltering Approach to the Non-blind Beamforming Algorithm for Smart antenna	4th (CNC 2013)	Springer &ACEEE	Published in Springer & ACEEE
7	Prefiltering Approach to the blind Beamforming Algorithm for the smart Antenna	ICEEDC Pune -2013	IT research, Orissa	Awarded as “ BEST PAPER ”
8	Performance Analysis of DoA Algorithms for Different Radio Channels.	IEEE’s – Emerging Trends in Engineering (ICETE-12)	NMAMIT, Nitte, India.	Accepted in Springer and IEEE’s Conference in Shanghai , China.

9	Performance Analysis of ESPRIT Algorithmfor Smart Antenna System.	3 rd (IJcICT-2011)	Irnet, Mumbai,India.	Awarded as “BEST PAPER”
10	Simulation study on DoAestimation usingMUSIC algorithm.	2 nd (IJJCET-11)	T.C.E.T., Tamilnadu and Gopalax Singapore.	
11	Participation	e- Recent innovations in Science, Engineering & Technology	G.W.C.E.T., Nagpur	
NATIONAL				
1	An ESPRIT Approach to DoA estimation and its Analysis for ULA.	Emerging Trends in Engineering, Technology &Architecture. (NCETETA-2012)	D.Y.P.C.E.T., Kolhapur.	Won FIRST PRIZE
2	ESPRIT: A DoA Algorithm for MobileCommunication System.	Emerging Trends in Engineering, Technology &Architecture. (NCETETA-2011)	D.Y.P.C.E.T., Kolhapur.	
3	A Review of Direction – of – ArrivalEstimation Algorithms for Mobile Communication Systems.	Advances in Engineering and Management.(AEM-2011)	Indira C.O.E &Management Pune.	

WEBINARS –TECHNICAL:

Sr. No.	Topic	Organized by Institute	Period
1	Circuit Simulation and PCB	D.K.T.E., Ichalkaranji	18 to 20 May'20
2	Arduino Programming and IoT	D.K.T.E., Ichalkaranji	25 to 27 May'20
3	Science, Technology & Development	I ² IM, CHARUSAT	23 June'20
4	Home Automation System- KNX	KIIT, Bhubaneswar & Schinder Electric, India	1 & 2 July'20
5	Power Monitoring Expert	KIIT, Bhubaneswar & Schinder Electric, India	3 July'20
6	Upgrading an Installation to IoT	KIIT, Bhubaneswar & Schinder Electric, India	3 July'20
7	Industry 4.0	KIIT, Bhubaneswar & Schinder Electric, India	4 July'20

WEBINARS – NAAC/NBA/IQAC/R&D:

Sr. No.	Topic	Organized by Institute	Period
1	Integrity And Ethical Considerations In Conduct of Research	CHAROTAR University of Science and Technology.	21 to 23 May'20
2	How To Be An Effective Teacher : Challenges and Opportunities for Offline and Online Teaching	Jain C.O.E., Belagavi	5 & 6 June'20
3	How To Write Research Manuscript : Current Protocols	LLAGT	10 June'20
4	Exploring Microsoft Teams : An Online Teaching Platform	AISSMS, C.O.E., Pune	15 July'20
5	Intellectual Property Rights(IPR)	Sinhgad Institute of Technology, Lonavala	30 July'20

WORKSHOP/STTP/FDP-TECHNICAL:

Sr. No	Topic	Organized by Institute	Period
1	Indian Knowledge System (IKS) for Education and Research	MIT World Peace University,Pune in association with IET	09 March to 13 March 2026
2	Digital Technology for new age Industry under Education for Industry Readiness (Part –I and II)	Forbes Marshall	23 January and 13 February 2026
3	Advances in IoT and Cyber Security :An Industry Perspective	Ashokrao Mane Group of Institutions,Kolhapur in association with ISTE	09 Feb to 13 Feb 2026
4	Advances, challenges and Research trends in electrical Vehicle Technology	Ashokrao Mane Group of Institutions,Kolhapur	27 Jan to 31 Jan 2026
5	Emerging trends in Artificial Intelligence	Ashokrao Mane Group of Institutions,Kolhapur	29 Dec 2025 to 03 rd Jan 2026
6	45 th GISFI Standerdization Series Meeting &International Workshop on Digitization: Bridging the Present and Future	Ashokrao Mane Group of Institutions,Kolhapur	30 th Oct to 1 st November'25
7	NEP-2020 Orientation and Sensitization Program	UGC-MMTTC(GAD-MMTTC),Shri Guru Tegh Bahadur Khalsa College, University of Delhi	04 th to 14 th November'24

8	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
9	Machine Learning from Novice to Expert	DKTE Society's Yashwantrao Chavan Polytechnic,Ichalkaranji	11 th to 13 th March'24
10	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
11	Capacity Building of HEI's Through Research Initiatives –Series I	PM-USHA initiative – SWVSM Warananagar	12 th and 13 th April'24
12	Advanced Topics in Wireless Communication(Hindi)	NPTEL-AICTE	8 Weeks'24
13	Design of Experiments and optimization	AMGOI, Vathar	11 to 16 December'23
14	Deep Learning Approaches for Inverse Learning in Imaging	NIT,Goa	20 to 24 November'23
15	Introduction to NBA	S.E.T.I., Panhala .	15 March 2022
16	Explore Electrical Engineering in Industrial Applications	Manakula Vinayagar Institute Of Technology, Paducherry	15 to 19 June '20
17	Python 3.4.3	Pragati Engineering College, Andhra Pradesh in Association with Spoken Tutorial IIT, Bombay	8 to 13 June '20
18	Arduino	Jaihind C.O.E., Pune in Association with Spoken Tutorial ,IIT, Bombay	19 to 24 May'20
19	Latex	S.B.Patil C.O.E., Indapur in Association with SpokenTutorial IIT, Bombay	25 April to 1 May'20
20	Machine Learning and Deep Learning	S.E.T.I., Panhala	1 & 2 Nov 2019
21	Grid Connected Solar Roof Top & Off Grid Projects	S.E.T.I., Panhala .	11 March 2017
22	CMOS, Mixed Signal and Radio Frequency VLSI Design	K.I.T.C.O.E., Kolhapur in Association with IIT, Kharagpur	30 Jan to 4 Feb 2017

23	Recent Trends in PLC,Lab VIEW and IoT	S.E.T.I., Panhala .	26 to 30 Dec 2016
24	Applications in Engineering Based on MATLAB	S.E.T.I., Panhala	21 to 25 Dec 2015
25	Introduction to Design Algorithms	Shivaji University, Kolhapur in Association with IIT, Kharagpur	27 April to 3 May 2015
26	Signals and System	D.Y.P.C.E.T., Kolhapur in Association with IIT, Kharagpur.	2 to 12 Jan 2014
27	Analog Electronics	K.I.T.C.O.E., Kolhapur in Association with IIT, Kharagpur	4 to 14 June 2013
28	Introduction to Robotics	D.K.T.E.-Ichalkaranji	8 to 9 Oct 2013
29	Advances in signal processing using VLSI	K.I.T.C.O.E, Kolhapur	31 Dec 2012 to 4 Jan 2013
30	Introduction to Research Methodologies	D.Y.P.C.E.T., Kolhapur in Association with IIT ,Bombay.	25 June 2012 to 4 July 2012
31	STTP on Recent Trends in Wireless Communication & Networking	D.Y.P.C.E.T., Kolhapur.	13 to 18 Feb 2012
32	MATLAB Programming	D.Y.P.C.E.T., Kolhapur.	15 to 19 Aug 2009
33	Actal Technology	Dr. J.J.M.C.O.E, Jaysingpur.	21 March 2009
34	STTP on MATLAB & Fuzzy Logic	Dr. J.J.M.C.O.E, Jaysingpur.	15 to 26 Dec 2008

WORKSHOP/STTP/FDP -NAAC/NBA/IQAC/R&D:

Sr. No	Topic	Organized by Institute	Period
1	Preparing for revised NBA accreditation framework	Rajarambapu Institute of Technology, Ishwarpur	25 th Feb 2026
2	Outcome Based Education	VVIT, Pal, Kolhapur	12 & 13 December'25
3	National Intellectual Property Awareness Mission	Intellectual Property office, India	28 th November'23
4	Effective Design and Delivery of Curriculum In Outcome Based Education	Jhulelal Institute of Technology, Nagpur	6 to 10 July'20
5	Environment Sustainability and Green Energy	G.W.C.E.T., Nagpur	29 June to 3 July'20
6	Empowering In Adapting Outcome Based Teaching Tools Techniques and Methodologies	Poornima Institute of Engineering And Technology in Association with Vihangam Holistic Organization, Pune	29 & 30 June'20
7	Industrial Safety-Need of the day	N.G.Patel Polytechnic, Gujrat	22 to 27 June'20
8	Enhancing Research and Consultancy Skills	RIT, Sangli	22 to 26 June'20
9	Introduction to Outcome Based Education and Enhancing Quality of Teaching Learning Process	G.W.C.E.T., Polytechnic, Nagpur	15 to 19 June '20
10	Use of ICT in Teaching Learning	Dr. Ghali College, Gadhinglaj	1 to 6 June'20
11	Renewable Energy and Utilization	Sandip Institute of Engineering and Management, Nashik	26 to 30 May'20
12	Intellectual Property Rights & Patenting	S.E.T.I., Panhala	24 Feb 2018
13	Prime Minister fellowship Scheme for Doctoral Research	DST-SERB & CII New Delhi and D.Y.P., Kolhapur.	25 Nov 2016.
14	Teaching Learning Process At Technical Institute	Ashokrao Mane Polytechnic, Vathar Tarf Vadgaon	15 to 20 Feb 2016
15	Introduction to Research Methodologies	IIT ,Bombay	25 June 2012 to 4 July 2012
16	Effective Teaching Skills	Dr. J.J.M.C.O.E, Jaysingpur.	22 Aug 2009

PERSONAL DETAILS:**Date of Birth:** 29/01/1986.**Sex:** Male**Marital Status:** Married**Nationality:** Indian**Languages Known :** English, Hindi, and Marathi**Hobbies:** Music, Reading, Yoga, and Meditation**Current and Permanent Address :** 68/3, Plot no.8A, Magdum Colony, Ashtavinayak park road, R.K. Nagar,
Morewadi, Kolhapur-416013.**DECLARATION:**

I hereby declare that the information furnished above is true to my knowledge.

Place: Kolhapur**Sign:**