

CURRICULAM VITAE

Name : Dongarsane Chettan Rajan

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Branch : Electrical & Electronics Engg. Sciences.

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EXPERIENCE:

Sr. No	Institute/Organization	Designation	Working Period
1	Ashokrao Mane Group of Institutes, Wathar.	Professor	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	Ph.D. (Electrical & Electronics Engg. Sciences)	VTU/JSSATE,Bengaluru	2023	
2	M.E.(E&TC)	Shivaji/DYPCET,Kolhapur	2012	Distinction
3	B.E.(Electronics)	Shivaji/DYPCET,Kolhapur	2007	Distinction
4	Diploma (DIE)	Government Polytechnic, Kolhapur	2004	Distinction

Lifetime **ISTE** Member No: **LM 73861** And Lifetime **IETE** Member No: **AM 234049**

JOURNAL/PUBLICATIONS:

Sr.No	Paper Title	Published Journal	Volume , Issue No	ISSN No.
1	Performance Evaluation of SA-LA Routing Protocol for WSN integrated IoT	Suranaree Journal of Science and Technology a Scopus-ESCI (WoS) indexed unpaid journal.	Vol. 30 No. 2	
2	Design of Energy Efficient and Secured Routing Protocol for WSN in IoT	Design Engineering(Toronto, Canada)-Scopus Indexed(2021)	2021,No.7	0011-9342
3	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
4	Performance Analysis of AES Implementation on A Wireless Sensor Network	Springer-(2019)	Vol-I	ISBN 978-3-030-16848-3
5	Wireless Mini CNC Plotter	International Journal for Research in Applied Science & Engineering Technology (IJRASET-2019)	Vol-7,Issue-3	
6	Self-Operated Petrol Pump	International Journal of Advance Research ,Ideas And Innovations In Technology(IJARIT-2017)	Vol-3,Issue-2	2454-132X
7	Green House Automation using IoT	International Journal of Engineering and Technology(IRJET-2017)	Vol.- 4, Issue-1	e-2395-0056 p-2395-0072
8	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
9	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
10	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
11	Performance Analysis of Direction of Arrival Algorithms for Different Radio Channels	Annual Research Journal-(2012)	Volume -2	2249-0426
12	Simulation study on DOA estimation using MUSIC algorithm	International Journal of Technology and Engineering System (IJTES-2011)	Vol.-2. Issue - 1.	2210-1455
13	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 the Conference	Organized by	Remark
INTERNATIONAL				
1	Performance Analysis of AES Implementation on A Wireless Sensor Network	Advanced Technologies for Societal Applications-2018	C.O.E, Pandharpur	Published in Springer
2	Comperensive Security schemes for Integrating Wireless Sensor Networks into Internet of Things	Advanced Technologies for Societal Applications-2016	C.O.E, Pandharpur.	
3	Prefiltering Approach to the Non-blind Beamforming Algorithm for Smart antenna	4 th - Advances in Communication, Network and Computing – (CNC 2013)	Springer & ACEEE	Published in Springer & ACEEE
4	Prefiltering Approach to the blind Beamforming Algorithm for the smart Antenna	Electrical & Electronics & Data Communication (ICEEDC Pune -2013)	IT research, Orissa	Awarded as “BEST PAPER”
5	Performance Analysis of Direction of Arrival Algorithms for Different Radio Channels.	IEEE’s - Emerging Trends in Engineering (ICETE-12)	NMAMIT, Nitte, India.	Accepted in Springer and IEEE’s Conference in Shangai , China.
6	Performance Analysis of ESPRIT Algorithm for Smart Antenna System.	3 rd - Information and Communication Technology (IJcICT-2011)	IRnet, Mumbai, India.	Awarded as “BEST PAPER”
7	Simulation study on DOA estimation using MUSIC algorithm.	2 nd - Joint Journal Conference on Engineering and Technology. (IJCET-11)	T.C.E.T., Tamilnadu and Gopalax Singapore.	
8	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, India.	Won FIRST PRIZE
2	ESPRIT: A Direction of Arrival Algorithm for Mobile Communication System.	Emerging Trends in Engineering, Technology & Architecture. (NCETETA-2011)	D.Y.P.C.E.T., Kolhapur, India.	
3	A Review of Direction – of – Arrival Estimation Algorithms for Mobile Communication Systems.	Advances in Engineering and Management.(AEM-2011)	Indira C.O.E & Management Pune, India.	

CITATION TILL DATE (REF: GOOGLE SCHOLAR)

	All	Since 2017
Citation	70	42
h-index	5	4
i10-index	1	1

➤ **Approved Reviewer of “International Journal of Engineering Research in Africa (JERA)” A Scopus indexed journal.**

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 Programing 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

WEBINARS –NONTECHNICAL:

Sr. No	Topic	Organized by Institute	Period
1	Genius Code –Science of PEAK Performance	AISSMS C.O.E., Pune	26 may '20
2	Re-Engineering The Supply Chain :Imperatives For Post Pandemic Scenario	AISSMS C.O.E., Pune	7 June'20
3	Science of Focus and Self Enquiry	Amrutvahini C.O.E., Ahmednagar.	7 June'20
4	How To Make Yoga A Way Of Life	Krushivardhan Agrotech, LLAGT	22 June'20
5	3 Magical Elements To Transform Your Life: A Roadmap To Success	Krushivardhan Agrotech, LLAGT	29 June'20
6	Portfolio and Demand Management	DMI C.O.E, Chennai	17 July'20
7	Carrier Opportunities After Engineering Education: A Broader Perspective for Students and Parents	Krushivardhan Agrotech, LLAGT	20 July'20

WORKSHOP/STTP/FDP-TECHNICAL:

Sr. No	Topic	Organized by Institute	Period
1	Introduction to NBA	S.E.T.I., Panhala .	15 March 2022
2	Explore Electrical Engineering in Industrial Applications	Manakula Vinayagar Institute Of Technology, Paducherry	15 to 19 June '20
3	Python 3.4.3	Pragati Engineering College, Andhra Pradesh in Association with Spoken Tutorial IIT, Bombay	8 to 13 June '20
4	Arduino	Jaihind C.O.E., Pune in Association with Spoken Tutorial IIT, Bombay	19 to 24 May'20
5	Latex	S.B.Patil C.O.E., Indapur in Association with Spoken Tutorial IIT, Bombay	25 April to 1 May'20
6	Machine Learning and Deep Learning	S.E.T.I., Panhala	1 & 2 Nov 2019
7	Grid Connected Solar Roof Top & Off Grid Projects	S.E.T.I., Panhala .	11 March 2017
8	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
9	Recent Trends in PLC,Lab VIEW and IoT	S.E.T.I., Panhala .	26 to 30 Dec 2016
10	Applications in Engineering Based on MATLAB	S.E.T.I., Panhala	21 to 25 Dec 2015
11	Introduction to Design Algorithms	Shivaji University, Kolhapur in Association with IIT, Kharagpur	27 April to 3 May 2015
12	Signals and System	D.Y.P.C.E.T., Kolhapur in Association with IIT, Kharagpur.	2 to 12 Jan 2014
13	Analog Electronics	K.I.T.C.O.E., Kolhapur in Association with IIT, Kharagpur	4 to 14 June 2013
14	Introduction to Robotics	D.K.T.E.-Ichalkaranji	8 to 9 Oct 2013
15	Advances in signal processing using VLSI	K.I.T.C.O.E, Kolhapur	31 Dec 2012 to 4 Jan 2013
16	Introduction to Research Methodologies	D.Y.P.C.E.T., Kolhapur in Association with IIT ,Bombay.	25 June 2012 to 4 July 2012
17	STTP on Recent Trends in Wireless Communication & Networking	D.Y.P.C.E.T., Kolhapur.	13 to 18 Feb 2012
18	MATLAB Programming	D.Y.P.C.E.T., Kolhapur.	15 to 19 Aug 2009
19	Actal Technology	Dr. J.J.M.C.O.E, Jaysingpur.	21 March 2009
20	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	Effective Design and Delivery of Curriculum In Outcome Based Education	Jhulelal Institute of Technology, Nagpur	6 to 10 July'20
2	Environment Sustainability and Green Energy	G.W.C.E.T., Nagpur	29 June to 3 July'20
3	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
4	Industrial Safety-Need of the day	N.G.Patel Polytechnic, Gujrat	22 to 27 June'20
5	Enhancing Research and Consultancy Skills	RIT, Sangli	22 to 26 June'20
6	Introduction to Outcome Based Education and Enhancing Quality of Teaching Learning Process	G.W.C.E.T., Polytechnic, Nagpur	15 to 19 June '20
7	Use of ICT in Teaching Learning	Dr. Ghali College, Gadhinglaj	1 to 6 June'20
8	Renewable Energy and Utilization	Sandip Institute of Engineering and Management, Nashik	26 to 30 May'20
9	Intellectual Property Rights & Patenting	S.E.T.I., Panhala	24 Feb 2018
10	Prime Minister fellowship Scheme for Doctoral Research	DST-SERB & CII New Delhi and D.Y.P., Kolhapur.	25 Nov 2016.
11	Teaching Learning Process At Technical Institute	Ashokrao Mane Polytechnic, Vathar Tarf Vadgaon	15 to 20 Feb 2016
12	Introduction to Research Methodologies	IIT ,Bombay	25 June 2012 to 4 July 2012
13	Effective Teaching Skills	Dr. J.J.M.C.O.E, Jaysingpur.	22 Aug 2009

Ph.D. Topic

“Design Of Secured And Energy Efficient Scheme For Integrating Wireless Sensor Networks Into The Internet of Things.”

Area of work is under Computer Science stream.

Extracurricular / Co-Curricular Activities/Responsibilities Handled:

1. Approved PG Teacher for E& TC Engineering in Shivaji University, Kolhapur.
2. Senior Supervisor for University Exams
3. HOD.
4. NAAC Central coordinator for Criterion number 5.
5. Departmental Exam Coordinator.
6. Coordinator for various University level/College level Workshops, Seminars, and FDPs.
7. Judge for various University level/College level Events, Competitions, and Exams.
8. Coordinator for Cultural Event.
9. Organized seminars, workshops for students and staffs.
10. Delivered Expert/Guest Lectures on Polytechnic College.
11. Worked for Electrical and Computer Science department subjects.

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

DATE :

Sign: