



Curriculum Vitae

Dr. Rajiv R Bhandari

Career Objective:

- To obtain a teaching position where I can utilize my knowledge of advanced teaching methods such as team learning and e-learning.
- Develop and promote creativity and high-order thinking skills that increase the performance of the students.

Current Work & Designation:	Currently working as Associate Professor in the Department of Computer Engineering with additional Charge of Head of AI & DS Department .
Professional Summery	● Scopus ID: 57193235765 ● https://scholar.google.com/citations?user=k1SqjwsAAAAJ&hl=en ● ORCID: 0000-0003-4175-1655 ● Vidwan ID: 575837 ● Web of Science / Clarivate ID: AAQ-2229-2021
Qualification :	PhD: 2023 Doctor of Philosophy (PhD in Computer Science) Koneru Laxminatham (KL) Education Foundation, Vaddeswaram, Guntur, Andhra Pradesh India THESIS TITLE: REINFORCEMENT LEARNING AND PRIORITY BASED SCHEDULING - CLUSTERING ALGORITHM TO IMPROVE LIFETIME OF MOBILE WIRELESS SENSOR NETWORK M-Tech: 2010-2013 Master of Technology in Information Technology Rajiv Gandhi Technical University, Bhopal, Madhya Pradesh BE: 2004-2008 Bachelor of Computer Engineering Savitribai Phule Pune University, Chandwad, Nashik, Maharashtra.

Designation :	Associate Professor in Computer & Head in AI & DS, SNJB's College of Engineering, Chandwad
Department :	Computer, (Head in AI & DS)
Experience :	19 Years
Research Areas :	Deep Learning, Machine Learning, Computer Network, Wireless Sensor Network & Internet of things
Courses / Subjects Involved With :	• Deep Learning • Machine Learning • Computer Network • Microprocessor Interfacing Technique • Microprocessor & Microcontroller • Computer organization & Architecture • Information Security • Microprocessor Architecture • Internet of Things
Patent & Copyrights	• 2 Patents granted from Patent Office 1. Beyond Imagination: Generative AI in Virtual Reality Realm Design 2. AI ROBOT • Patent Filed at Intellectual Property of India in “IOT Based Smart Garbage Bins” with Application No. 201621038041A • Filed Copyright in “Smart Add” with Application No. Diary Number: 7309/2017CO/L. • Patent on “IoT Based Smart irrigation System” by Prof. R. R. Bhandari & Ms. Nilam Baphana, Ms.Khushbu Baphana & Ms. Ujwala pagar

Research Publications :

Sr.No	Year	Date	Title of Paper	Published in	Indexed In
1	2024-25	May 2025	EEG Signal Analysis for Dyslexia Prediction Using Deep Learning Techniques	Journal of Neonatal Surgery ISSN(Online): 2226-0439 Vol. 14, Issue 27s (2025)	Scopus Index
2	2023-24	August	HELMET VIOLATION	Industrial Engineering	UGC Care

		2023	DETECTION AND NUMBER PLATE EXTRACTION USING DEEP LEARNING	Journal ISSN: 0970-2555	
3	2023-24	August 2023	MACHINE LEARNING BASED REAL-TIME OBJECT DETECTION LEARNING AND OCR FOR ASSISTING THE VISUALLY IMPAIRED	Industrial Engineering Journal ISSN: 0970-2555	UGC Care
4	2023-24	May 2024	Prediction of Stock Market using Sentiment Analysis and Ensemble Learning	Indian Society for Technical Education	UGC Care

Sr.No	Year	Date	Title of Paper	Published in	Indexed In
5	2021-22	2021	“Priority-Mobility Aware Clustering Routing Algorithm for Lifetime Improvement of Dynamic Wireless Sensor Network”	International Journal of Advanced Computer Science and Applications (IJACSA), 12(2), 2021. http://dx.doi.org/10.14569/IJACSA.2021.01202100	Scopus and e-SCI Journal
6	2019-20	2019	Mobility Aware Clustering Routing Algorithm (MACRON) to improve lifetime of Wireless Sensor Network,	International Journal of Recent Technology and Engineering(TM), ISSN: 2277-3878 (Online) Vol: 8 Issue:2, 2019.	(Scopus Journal)
7	2016-17	6/12/20 16	Study on Improving the Network LifeTime Maximization for Wireless Sensor Network using Cross Layer Approach,	IJECE ISSN: 2088-8708, Vol:6 Issue: 6	(Scopus Journal)

8	2022-23	24-02-2023	Modified Mobility Aware MAC Algorithm to Improve the Lifetime of Dynamic Wireless Sensor Network	Lecture Notes in Networks and Systems book series (LNNS, Volume 540)	Scopus Index
9	2020-21	13-3-2021	Mobility Aware Clustering Routing (MACRON) Algorithm for Lifetime Improvement of extensive dynamic Wireless Sensor Network,	International Conference on Intelligent and Smart Computing in Data Analytics Advances in Intelligent Systems and Computing Springer DOI: 10.1007/978-981-33-6176-8	Scopus Index
10	2019-20	30-1-2020	Energy-Efficient Routing-Based Clustering Approaches and Sleep Scheduling Algorithm for Network Lifetime Maximization in Sensor Network: A Survey	Springer Lecture Notes in Networks and Systems https://www.springer.com/series/15179 ISSN: 2367-3370	Scopus Index
11	2017-18	31-5-2018	A load balancing model based on Cloud partitioning	International Journal for Research in Engineering Application & Management (IJREAM) Special Issue – ICRTET-2018 ISSN : 2454-9150	UGC Approved Journal
12	2017-18	31-5-2018	IOT Based Smart Irrigation System (Internet of Farming)	International Journal for Research in Engineering Application & Management (IJREAM) Special Issue –	UGC Approved Journal

				ICRTET-2018 ISSN : 2454-9150	
Industry Training					

Industry Training	Year	Date	Training on	Conducted By & Location
	2025	December 2025	AR / VR Technology	AI Leela, Nashik
	2024		Drone Technology	PDRL, Nashik
	2022	6-20 April 2022	Industrial Training on Web Designing	Mr. Umesh Khivsara UK Vally, Nashik
	2017	19-22 April 2017	Internet of Things, MEAN Stack	Winjit Pvt Ltd Nashik
	2016	24-29 August 2016	Internet of Things	Intellidemics, Nashik
	2016	19-25 August 2016	CSCU Certification Training	Technocrats, Nashik
Membership	Membership Body	Duration		Membership No
	Life Member of Institution of Engineers, India (IEI)	Life Time		AM-167962-5
	The Society of Digital Information and Wireless Communication (SDIWC)	Life Time		15083
	Life Member of International Association of Engineers IAENG	Life Time		173603
	Member of Computer Society of India (CSI).	Till 2018		F8001720

	Life Member of International Society for Research & Development (ISRD) Membership	Life Time		M4150902116
	3 Years Member of Institute of Research Engineers & Doctors (IRED)	2019		AM10100058316
Resource Person	Year	Date	Topic Delivered	Conducted At Location
	2026	10/4/2026	Python Programming and Machine Learning	KVN Naik College, Nashik
	2026	25-26/2/2026	2 Days Workshop on Internet of Things	HHJB Polytechnic, Chandwad
	2022	28-29/4/2022	2 Days Workshop on Internet of Things	MGM Nanded
	2021	5/4/2021	Session on Wordpress Blog Creation	AMT Skills Nashik
	2020	18/12/2020	Session on Circuit Switch and Packet Switch Network	NDMVPs College of Engineering, Nashik
	2019	17-18/10/2019	Internet of Things with various Sensors	MGM's College of Engineering, Nanded in association with Student Branch CSI
	2018	23/7/18	Internet of Things using Arduino	R. C. Patel College of Engineering, Shirpur
	2018	4/1/2018	IoT Using Arduino	SGGP, Nashik
	2017	25/2/2017	Delivered One Day Workshop on "Blog Creation using WordPress"	R. C. Patel College of Engineering, Shirpur
	2017	12/2/2017	"Intellectual Property Rights"	SNJB's College of Engineering, IT Department

	2017	20/1/2017	“Recent Trends in IoT”	G.H. Raison College of Engineering, Wagholi, Pune
	2016	18/12/2016	“Computer Systems”	Ashoka School of Business Management Nashik
	2016 2016	17/10/2016	“Cyber Security & Cyber Terrorism”	SNJB's College of Engineering, MBA Department
		4/10/2016	“Internet of Things”	Matoshri College of Engineering Nashik
	2016	9/6/2016	“WordPress Blog Creation”	Gurukul Education Society Institute of Engineering & Technology
	2016	17-Feb-16	“Microprocessor Interfacing Technique”	SND College of Engineering
Jury	Year	Date	Description	Conducted At & Location
	2025	March 2025	Synergy 2k25 National Level Competition	IEI, Nashik
	2020	March 2020	CSI Regional Level Project Competition	CSI, Nashik
	2019	March 2019	CSI Regional Level Project Competition	CSI, Nashik
	2018	March 2018	CSI Regional Level Project Competition	CSI, Nashik
	2016-17	26 th March 2017	CSI Regional Level Project Competition	CSI, Nashik
	2016-17		Serving as Judge for Debate Competition "Arbitorator" Organized by MBA Department	Chandwad
	2016-17		Event of MESA	Chandwad
International Workshop Participated/Attended	Year	Date	Description	Conducted At & Location

	2012-13	16/3/2013	Problem and Project Based Learning	Sandip Foundation of Engineering & Management
National Workshop Participated/Attended	Year	Date	Description	Conducted At& Location
	2021	25/10/2021 to 29/10/2021	"Internet of Things-Industry Trend"	Jyothy Institute of Technology AICTE Training And Learning (ATAL)
	2020	27/7/20 31/7/20	Expert View & Analysis of Online Educational Tools	Dr. Panjabrao Deshmukh Polytechnic Amaravti
	2020	25th to 30 may 2020	Artificial intelligence & its Applications	Ramachandra College of engineering
	2018	4 Months	Internet of Things	NPTEL, IIT Madras
	2018	23-27 July 18	Refresher Program	RCPIT, Shirpur
	2016	14-28 November 2016	Two Week Training Program on Android Application Development at SPARK Technology Pune	Spark Technology Pune
	2016	4 - 8 Feb 2016	State level Workshop on NS-2 & Suse Server Configuration	AtSNJB's KBJ COE,Chandwad by Wipro Technologies
	2016	12-16 December 2016	Short Term Training Program on Internet of Things in Association with CSI at SNJB College of Engineering	AtSNJB's KBJ COE,Chandwad by Wipro Technologies
	2016	24- 29 August 2016	Workshop on IOT Technology at Intelidemics, Nashik	Intelidemics, Nashik
	2016	14 -19 August 2016	Training Program on Computer Security Certified User at Technokraft Training & Solutions Nashik	Technokraft Training & Solutions Nashik
	2015	7 - 10 July 2015	One Week Course Work on Research Methodology At K L university Vijaywada	K L University Vijaywada

Workshop Participated/Attended	Year	Date	Description	Conducted At& Location
	2007-08	26/09/08	Implementation of On-Line Examination doe FPL of F.E 2008 Course and Objectives of Second Year Computer Engineering	PimpriChinchwad COE, Nigdi, Pune
	2010-11	18/9/11	B.E Project Guidelines	SinhgadInstt of Tech & Science, Narhe, Pune
	2011-12	12-13/1 /12	LATEX	Dept of Comp Engg, SNJB COE, Chandwad
	2012-13	29-30/3/2013	Two days workshop on “ Hands On Android ”	Dept of Comp Engg., SNJB’s KBJ College Of Engineering, Chandwad, Mr. Amit Bramhecha
		April 3-4, 2013	Two days workshop on “ .NET ”	Dept of Comp Engg., SNJB’s KBJ College Of Engineering, Chandwad, Mr. Vitthal Dhoke, Swarjya Technologies,
		April 5-6, 2013	Two days workshop on “ LINUX ” Chandwad,	by Mr. SagarIkhankar, SEED Pune, held at Dept of Comp Engg., SNJB’s KBJ College Of Engineering,
		9/4/13	Making Presentations with LATEX	Dept of E&TC, SNJB COE, Chandwad
	2014-15	June 13 2014	One day workshop on “ Conference on IT ”,	Nashik
		, June 14,2014	One day workshop on “Agile Methodology”	Dept of Computer , SNJB’s KBJ College of Engineering, Mr. Priten Nayak, CloudAction

	2015-16	23/7/16	WORDPRESS EXTENDED FUNCTIONALITI ES	Dept of Comp Engg, SNJB COE, Chandwad
National Seminar Participated/ Attended	Year	Date	Description	Conducted By & Location
	2006-07	14-16/5/07	Cyber Forensic and Data Recovery	NDMVP's COE, Nashik
	2011-12	20-21/1/11	Research Trends in Communication Engineering, Signal Processing and Advance Computing	SNJB's COE, Chandwad
Seminar Attended	2012-13	19/1/13	Ethical Hacking	NCA
		21/1/13	Creative Thinking, ,	Dr. R.R. Manthalkar,(SGGS, Nanded) at SNJB KBJ COE
	2013-14	March 22,2014	Mr. AchyutGodbole and Seminar of Guru Pravin Rishiji,	Kalidas Kala Mandir, Nashik
Events Organized	Year	Date	Description	Organized For
	2019	23/7/19	Carrier Guidance Program	TE Computer & E & TC
	2018	March Month	2 Days Workshop on Python	TE & SE Computer Students
	2017	27-30 May 2017	Four Days Traning Program on Digital Marketing	BE Computer Students
	2016	4-8 February 2017	State level Workshop on NS-2 & Suse Server Configuration	Faculty of Maharashtra State
	2016	12-16 Dec 2016	Short Term Traning Program on Internet of Things in Association with CSI at SNJB College of Engineering	Faculty of Nashik Region
	2016	24-29 Aug 2016	Workshop on IOT Technology at Intelidemics, Nashik	For SE & BE Computer

	2016	19-23 Aug 2016	Training Program on Computer Security Certified User at Technokraft Training & Solutions Nashik	
	2014	13-14 Aug 2014	Two Days IBNC Workshop by i-Medita	TE & BE Computer
Events Organized	2016	4-8 February 2016	NS2 & Suse Server Administration	For Faculties
	2016		Wordpress Extended Functionalities	For TE & BE Computer Students
	2017	27-30 May 2017.	4 Days Training Session on Digital Marketing	For BE Computer Students
Events Participated	Year	Status	Description	Conducted At & Location
	200-01	Participated	Project Exhibition	PICT, Pune
Administrative Duties	1. Head, Department of AI & DS Engineering 2. Hon. Secretary at Computer Society of India Nashik Chapter 2023-25 3. Dean Alumni at Institute Level 4. SE Admission Co-Incharge 5. Industry Institute Interaction Cell Co-Incharge 6. Event Coordinator 7. Member of R&D Lab 8. Session Co-ordinator for five Consecutive ICRTET held by SNJB's KBJ CoE, Chandwad. 9. Member of Federation of Jain Education Institute (Initiative of BJS) to Promote Educational Activities. 10. Acting as Student Branch Coordinator for Computer Society of India (CSI). 11. Reviewer for cPGCON held in Matoshree College of Engineering & Research Centre 2013-14 12. Reviewer for ICRTET-2012, 13, 14, 15 and 2016 held by SNJB's KBJ CoE, Chandwad. 13. Reviewer for International conference GCWCN2014 Sinhgad Lonawala in Association with IEEE. 14. Department Level News Bulletin Coordinator.			

	15. Reviewer for Internet of Things, Next Generation Networks & Cloud Computing 2017 (ICINC 2017).		
Ongoing Projects	1) AR/VR Centre of Excellence 2) Drone Centre of Excellence		
Achievements	Year	Description	Awarded By
	2020	Elsevier Certifications on Research and Paper Writing	Springer
	2018	Google Certificate of Digital Marketing	Google
	2018	NPTEL IIT Madras Internet of Things	IIT Madras
	2017	Crack Online Certification of Solo learn HTML Basics	Certified
	2016-17	Certified Secure Computer User v2 Certification Number-ECC37537189213	EC-Council
	2015	Open Source for You(OSFY) Python program for Recovery of Deleted Files from Trash	Article Published
Any Other Information	- Appreciation Letter from Management & Principal about to Organize Second Alumni Meet at Pune January 2016. - Received Appreciation Certificate from Computer Society of India for Active Support to Regional Level Project Competition by the Hands of Padma Shri Dr. D. B. Phatak IIT Bombay. - Served as director for CSI Regional Level Project Competition 2018,2019		

Awards	Promising Engineer Award by IEI Nashik 2019.
	Adarsh Shikshak Puraskar by Mahavir International 2018
	Best Faculty of the Year by Computer Society of India, Mumbai 2018

