

## Curriculum Vitae

Ambedkar Gali, Main Road  
Post- Warisaliganj, District-Nawada  
State- Bihar, Pin Code- 805130  
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Email:- [piyushraja2009@gmail.com](mailto:piyushraja2009@gmail.com)  
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### Dr. Piyush Raja

PhD (Computer Science)

Global Educator, Poet, Peace Ambassador, Editor, Reviewer, Bihar, India

#### Career Objective:

To achieve excellence in the field of wireless sensor network research and teaching and to work in a challenging and creative environment, I will combine my skills, professional abilities, knowledge, and creative instincts to achieve the organization's goals.

#### Work Experience:

1. Working as a **Founder & Global Educator** in RAM Literature and Research Foundation (Registration- UDYAM-BR-25-0016794, Govt. of India) from January 2024.
2. Worked as an **"Assistant Professor"** in the Department of CSE, COER University, Roorkee, Uttarakhand, India from October 2022 to December 2023.
3. Worked as a **"Senior Faculty"** in Department of Computer Science, V.R.College, Bhagwanpur, Vaishali, Bihar from December 2012 to September 2022.

#### Research Experience:

- 07 Years Research Experience in the field of Wireless Sensor Networks (WSNs)
- 11 Years Teaching Experience

#### Achievements

- Senate Honorary Member & Dean R&D of Global Honour University, USA.
- Selected for **"GLOBAL ACHIEVEMENT AND RENAISSANCE SCHOLAR AWARD"** of 2024 WORLD'S PHENOMENAL AND TRANSFORMATIONAL LEADERSHIP AWARD by Great Idea Events Management Services, Philippine Chen Kuang Educational Institute, BPMI Leadership & Life Coaching Institute - Texas, U.S.A and World Class Academy of Excellence - Florida, U.S.A. held at Philippine Chen Kuang School, 210 P. Parada St. Corner P. Guevara St. Barangay Sta Lucia San Juan City, Metro Manila to June 30, 2024.
- In recognition of an outstanding contribution to the quality of the book the award **"Certificate of Excellence in Peer-Reviewing"** is awarded by B P International, UK to April 2, 2024.
- **"Most Outstanding Global Educator"** Award is awarded by International Organization of Educators and Researchers Inc. (IOER) in the 2nd IOER International Pinnacle Awards 2024 at Verdant Hill Hotel, Kuala Lumpur, Malaysia held to March 30, 2024.
- **"OUTSTANDING GLOBAL INCLUSION AWARD"** Award is awarded by 21ST DIGI Skillz Academy, Nigeria to March 28, 2024.
- **"World Inspirational Public Figure"** Award is awarded by Princess Donna Kencana Soekarno, Princess of the Solo Sultanate, Surakarta Hadiningrat SHRI PAKU BUWANA X at Surabaya, East Java Indonesia to March 24, 2024.
- **"Most Outstanding Educator and Writer"** Award is awarded by International Organization of Educators and Researchers Inc. (IOER) in the 4th IOER International Excellence Awards 2024 at Twin Lakes Hotel, Tagaytay City, Cavite, Philippines to February 25, 2024.
- **Sustainability Ambassador** (Level Academic - Rank Green) to SPSC, UK from 2024.
- **"2023 Shining Star Merit Award"** for being one of the motivational speakers at the International Business Conference 2023 is awarded by Great Idea Events Management Services, Philippines to December 22, 2023.
- **"Most Outstanding Assistant Professor and Researcher"** Award is awarded by International Organization of Educators and Researchers Inc. (IOER) in the 3rd IOER International Excellence Awards 2023 at Sahara Las Vegas Hotel, 2535 South Las Vegas Boulevard, The Strip, Las Vegas (NV), United States, 89109 to December 19, 2023.
- **"Most Innovative Educator"** Award is awarded by APJ ABDUL KALAM SCIENCE CLUB (UNDER VIPNET VIGYAN PRASAR GOVT. OF INDIA) to June 17, 2023.
- **"MOST INFLUENTIAL AND ICONIC LEADER"** Award is awarded virtually by Raymond

Banzuela Business Consultancy Services, Infinity Training Lonsultancy Services and Great Idea Event Management Services, Philippines of June 11, 2023.

- In Recognition of dedication, passion, commitment, exceptional skills, leadership, and exemplary contribution to Global Peace, Education, and Humanity the "**Certificate of Recognition**" is awarded by RAYMOND BANZUELA BUSINESS CONSULTANCY SERVICE at San Nicolas, San Pablo City, Laguna, Philippines of June 1, 2023.
- **Professor of Humanity** (Honorary Degree) is given by Prixton Church and University at Miami, Florida to March 23, 2023.
- **World Record** Holder of **International Manam Book of Record** in the category "The Youngest Individual to receive the maximum number (more than 100) of Honorary Doctorate Degree in various fields".
- Honour of being a world record holder in February 2022 courtesy of **Ewa Zindagi** International Literary and Cultural Group.
- Record of 3 times reciting poetry in the world's largest 400-hour virtual poetic conference included in the world record by Bulandi Sahitya, Uttarakhand, India in 2022, 2023 and February 2024.
- Global Goodwill Ambassador 2023 of World Organization of Ambassadors, Argentina (In Collaboration with Hand Up International New Zealand, Hand Up Development Organization Nigeria and Wisdom Virtual University of Leadership).
- Doctor of Sacred Theology (Honorary Degree) is given by Prixton Church and University at Miami, Florida to May 20, 2023.
- Doctor of Computer Science (Honoris cause) awarded by World Human Rights Protection Commission (WHRPC) on the 29<sup>th</sup> November, 2020.
- Doctor of Humanities (Honoris Causa) awarded in a joint honorary doctorate award by Good Samaritan Theological Seminary Inc. and Manam Foundation Int'l. Inc., Andhra Pradesh, India to 05<sup>th</sup> April, 2023.
- Doctor of Humanity (Honorary Degree) is given by Prixton Church and University at Miami, Florida to October 23, 2022.
- International Nelson Mandela Peace Award - 2023, National Dr. BR Ambedkar Lifetime Achievement Award, National Dr. APJ Abdul Kalam Life Time Achievement Award-2023, International Glory Award-2023, International Peace Award- 2023, National Best Service Award- 2023, Manam World Records Best Service - 2023 awards awarded by Manam Foundation, Andhra Pradesh, India.
- People Transforming Nation Awards 2023 of the category of Education awarded by Indian Achievers Forum of Excellence Records to February 2023.
- Icon of India-2023 for Teaching and Research Excellence Award awarded by Saveetha School of Management, Saveetha School of Medical and Technical Sciences, Chennai, Tamil Nadu & Institute of Social Reforms and Higher Education Charitable Trust(Registered with NITI Aayog Government of India) to March 08,2023.
- RASHTRIYA SHIKSHAK RATNA SAMMAN Award is awarded by Navya Foundation, Asansol, West Bengal to 07th March, 2023.
- Academic Excellence Award is awarded by TIP Community to March 2023.
- An Exclusive Prestigious Honour International "KalkiGauravAward" awarded by Kalki News & Kalki Foundation Trust to February 04, 2023.
- Global Peace Ambassador of many International organizations.
- Best Researcher Award in Global Iconic Education Award by ESN Publications to November 26, 2021.
- Member of Editorial Board (Editor) of Journal of Scholastic Engineering Science and Management (JSESM) from March 2023.
- Member of Editorial Board (Editor) of International Journal of Emerging & Scientific Technologies (IJESTECH) from March 2023.
- Reviewer of the journals "Advanced Engineering Forum (AEF)", "Applied Mechanics and Materials (AMM)" and "Key Engineering Materials (KEM)" of Scientific.Net, Switzerland (Highly recognized internationally and indexed by SCOPUS, WoS) since March 22, 2024.
- RMS (Reviewer) of TIJER - INTERNATIONAL RESEARCH JOURNAL since March 21, 2024.
- RMS (Reviewer) of JOURNAL OF EMERGING TRENDS AND NOVEL RESEARCH (JETNR) since March 21, 2024.
- RMS (Reviewer) Member of INTERNATIONAL JOURNAL OF NOVEL TRENDS AND INNOVATION (IJNTI) since March 21, 2024.
- RMS (Reviewer) Member of Asian Journal of Research in Computer Science (AJRCOS) since March 15, 2024.
- RMS (Reviewer) Member of International Journal of Innovative Research in Technology (IJIRT)

from March, 2024.

- RMS (Reviewer) Member of International Journal of Current Science (IJCSPUB) since February 27, 2023.
- RMS (Reviewer) Member of INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS (IJRAR) since February 26, 2023.
- Review Member (Reviewer) of International Journal of Creative Research Thoughts (IJCRT) since February 23, 2023.
- Review Member (Reviewer) of Journal of Emerging Technologies and Innovative Research (JETIR) since 22.02.2023.
- RMS (Reviewer) of INTERNATIONAL JOURNAL OF NOVEL RESEARCH AND DEVELOPMENT (IJNRD) since 20.02.2023.
- Review Board Member (Reviewer) of International Journal of Engineering Research & Technology (IJERT) since 09.02.2023.
- In PAC, Role as Program Coordinator of M.Tech. Program, CSE of College of Engineering Roorkee, Roorkee since 24.01.2023.
- Delivered more than 100 Online Lectures as a Resource Person/Expert in Many International/National Organizations.
- Completed more than 300 FDP, STTP, STC, SIP, Workshops, Conferences, Webinars/Seminars of IITs, NITs and Various National and International Universities.
- Member of World Human Rights Protection Commission (WHRPC)
- Life Member of The Indian Science Congress Association
- Life Member of Bihar Mathematical Society, Patna
- Life Member of CSI(Computer Society of India)
- Life Member of Scholars Academic and Scientific Society
- Professional Member of InSc (Institute of Scholars)
- Professional Member of Institute of Global Professionals
- Life Member of Indian Society for Probability and Statistics(ISPS)
- Prime Member of Research Circle
- Life Member of Bharatiya Shikshan Mandal
- Gold Member of International Association of Research and Developed Organization (IARDO)

### **Patents**

1. Piyush Raja (First Author and Inventor) and 11 Authors and Inventors has filed the application of patent, titled "AN IMPROVISED DESIGN AND DEVELOPMENT OF SOLAR CHARGING STATION FOR EV" and it is published.
2. Piyush Raja (First Author and Inventor) and 11 Authors and Inventors has filed the application of patent, titled "Machine learning approach based Monitoring insect pests in plants using camera equipped device" and it is published.
3. Piyush Raja (First Author and Inventor) and 6 Authors and Inventors has filed the application of design patent, titled "IOT smart Street light system".

### **List of Conferences and Publications:**

1. Piyush Raja, Dr. Santosh Kumar and Dr. Taresh Singh have participated and presented the paper "An investigation of Wireless Sensor Networks using Internet of Things" to be held February 27-28, 2023 at 2nd National Conference on Computational and Characterization Techniques in Engineering & Sciences (CTES-23) at Rajkiya Engineering College, Ambedkar Nagar (U.P.), India.
2. Piyush Raja and Dr. Santosh Kumar have participated and presented the paper "ML in WSNs: A Review" to 24-25 February, 2023 at International Conference on Innovating Technologies & Intelligent Systems (ICITIS 2023) at Yogoda Satsanga Mahavidyalaya, Ranchi, Jharkhand, India.
3. Dr. Santosh Kumar and Piyush Raja (Corresponding Author) have participated and presented the paper "Implementing Effectiveness and transparency in education using blockchain" to 24-25 February, 2023 at International Conference on Innovating Technologies & Intelligent Systems (ICITIS 2023) at Yogoda Satsanga Mahavidyalaya, Ranchi, Jharkhand, India.
4. Piyush Raja, Dr. Santosh Kumar and Dr. Vipin Kumar Upadhyay have participated and presented the paper "Attacks and Security Challenges in WSNs" to 17-18 December, 2022 at 3rd International E-Conference on Emerging Trends in Computer Science at Govt. V.B.S.D. Girls PG College, Jashpur, C.G., India.
5. Dr. Santosh Kumar, Piyush Raja (Corresponding Author) and Dr. Taresh Singh have participated and

presented the paper “AI Based Enhanced Security in WSNs” to 17-18 December, 2022 at 3rd International E-Conference on Emerging Trends in Computer Science at Govt. V.B.S.D. Girls PG College, Jashpur, C.G., India.

6. Piyush Raja, Dr. Santosh Kumar and Dr. Taresh Singh have participated and presented the paper “AI for WSNs Performance Improvement” to 28-29 November, 2022 at International Conference on Innovation and Advances in Interdisciplinary Research at Mewar University, Chittorgarh, Rajasthan.

This Paper has been published in International Journal of Advance Research in Science and Engineering(IJARSE), Volume No. 11, Issue No. 11, November 2022.

7. Piyush Raja and Dr. M. M. Rahman have participated and presented the paper “Challenges to High-quality Education in India's Higher Education System” to 30-31 October, 2021 at International Convention on Culture, Arts and Human Rights (ICCAH21).

8. Piyush Raja and Dr. M. M. Rahman have participated and presented the paper “The Tech Industry after the Coronavirus Epidemic” in Two Day International Web Conference on “Responding to Covid 19 Challenges to Business and Society” to 08-09 September, 2021 at Patna Women’s College, Patna University, Patna.

9. Piyush Raja has participated and presented the paper “Successful Substitution of Online Learning for Convention-Based Instruction at Covid-19” on National Virtual Conference on CONTEMPORARY TRENDS IN ELT AND LITERATURE (NCCTEL 2021) to 23 June, 2021 at Academy of Maritime Education and Training (AMET), Chennai, India. This Paper has been published in Proceedings of NCCTEL 2021, ISBN: 978-93-85434- 88-4.

10. Piyush Raja has participated and presented the paper "Current and Future Problems in Water Supply Management" in International e-Conference on "Water Source Sustainability" to June 18 to June 20, 2021 of Department of Water Resources Development and Management, IIT Roorkee and Indian Water Resources Society (IWRS), Roorkee.

11. Piyush Raja has participated and presented the paper “Big Data Systems using Wireless Sensor Networks” to the 1st International Agriculture, Biosystems and Technology Conference (1st IABT Conference 2021) on July 22-23, 2021 at Tarlac Agricultural University (TAU), Camiling, Philippines.

12. Piyush Raja has participated and presented the paper "AI for WSN Improvement" in International conference ICAIBT 2021 at Rathinam College of Arts and Science, Coimbatore, India to 21 & 22 May, 2021.

13. Piyush Raja and Dr. M. M. Rahman have participated and presented the paper “Young People's Perspectives on Entrepreneurship” in Online National Seminar on NABARD: Promoting Capacity Building for Rural Youth Held on:29th April 2021 at B. L. Amlani College, Vile Parle West, Mumbai,India.

This Paper has been published in International Journal of Multidisciplinary Research and Technology (IJMRT), ISSN 2582-7359, Peer Reviewed Journal, Impact Factor 6.328, Page 350-355, 2021.

14. Piyush Raja has participated and presented the research paper “Digital transformation inspired by the covid-19 epidemic in india” in INTERNATIONAL RESEARCH SUMMIT - AVLOKAN on Redefining Social Responsibility with Ethical Leadership on 2nd August 2021 to 10th August 2021.

15. Piyush Raja has participated and presented the paper "Impact of Covid-19 on the Indian Microeconomic" on International e-Conference on Microeconomic Impacts of COVID-19 Pandemic at Center for Academic & Professional Career Development and Research (CAPCDR), October 2-3, 2021.

16. Piyush Raja has participated and presented the paper "Wireless Sensor Networks in Big Data Systems" and secured “First Prize” in the Paper Presentation Event (National Level Technical e-Symposium-CISABZ'21) organized by Department of Computer Science and Engineering, Kings College of Engineering, Pudukkottai on 24th September 2021.

17. Piyush Raja has participated and presented the paper “A STATISTICAL METHODOLOGY TO IDENTIFY JAMMING ATTACKS IN WSNs” at the International Conference (Virtual Mode) on Emerging trends in Statistics and Data Science in conjunction with 40th Annual Convention of ISPS to be held during 07-10, September, 2021.

18. Piyush Raja has participated and presented the paper "Impact of the COVID-19 Epidemic on International Labor Migration: Evidence from India" in E-conference on Migration, Health and Sustainable Development Goals: Perspectives, Challenges, Solutions and Policies at Rajagiri College of Social Sciences (RCSS) Kalamassery, Kochi, Kerala to 19–20 April 2021.

19. Piyush Raja and Dr. M. M. Rahman have participated and presented the paper “Different Data Security Technique for Wireless Sensor Network” in 8th International Conference on Multidisciplinary Research Held on: 6th – 7th September 2019 at Osmania University Campus, Hyderabad (India). This Paper has been published in International Journal of Scientific Research and Review (IJSRR), Volume 07, Issue 09, September 2019.
20. Piyush Raja, Dr. M. M. Rahman and Dr. Md. Safdar have participated and presented the paper “An Overview of Wireless Sensor Network” in 2nd International Conference on Emerging Trends in Science, Engineering & Technology Held on: 29th – 30th September 2018 at Mahratta Chamber of Commerce, Industries and Agriculture, Tilak Road, Pune (India). This Paper has been published in International Journal of Management Technology and Engineering (IJMTE), Volume 8, Issue IX, September 2018.
21. Dr. Piyush Raja, Dr. Amit Kumar, Dr. Ram Krishna Kumar and Dr. Birendra Goswami have published the paper "A Review on Future and Social Impact of Big Data Analytics in Supply Chain Management" in International Journal of Innovative Research in Technology (IJIRT), ISSN: 2349-6002, Volume 10, Issue 10, March 2024.
22. Piyush Raja has published the Book Chapter “**A Study of WSN Privacy Through AI Technique**” in the book Innovative Engineering With AI Applications of **Scrivener Publishing (WILEY)** to July 2023.
23. Piyush Raja, Dr. Santosh Kumar, Digvijay Singh Yadav and Dr. Taresh Singh have published the Book Chapter “**Improving Wireless Sensor Networks Effectiveness with Artificial Intelligence**” in the book Innovative Engineering With AI Applications of **Scrivener Publishing (WILEY)** to July 2023.
24. Piyush Raja, Digvijay Singh Yadav and Dr. Taresh Singh have published the paper “ENERGY-EFFICIENT ENHANCED HIERARCHICAL ROUTING CHAIN BASED CLUSTERING FOR WSNS” in DOGO RANGSANG Research Journal (UGC Care Group I), ISSN : 2347-7180, Vol-13, Issue-4, No. 13, April 2023.
25. Piyush Raja, Dr. Santosh Kumar, Digvijay Singh Yadav and Dr. Taresh Singh have published the paper “An Overview of Wireless Biomedical Sensor Networks” in **Scopus Indexed Journal, European Chemical Bulletin (ECB)**, ISSN 2063-5346, Volume 12, Issue 03, 2023.
26. Piyush Raja, Dr. Santosh Kumar, Digvijay Singh Yadav, Dr. Amit Kumar and Ram Krishna have published the paper "Machine Learning for Natural Language Processing: Techniques and Evaluation" in Journal of Artificial Intelligence, Machine Learning and Neural Network (JAIMLNN), ISSN: 2799-1172, Volume 03, Issue 03, April-May 2023.
27. Piyush Raja, Dr. Santosh Kumar, Digvijay Singh Yadav, Dr. Amit Kumar and Ram Krishna have published the paper "Intelligent Remote Sensing: Applications and Techniques" in Journal of Image Processing and Intelligent Remote Sensing (JIPIRS), ISSN: 2815-0953, Volume 03, Issue 02, Feb- Mar 2023.
28. Piyush Raja, Dr. Santosh Kumar, Digvijay Singh Yadav and Dr. Taresh Singh have published the paper "The Internet of Things (IOT):A Review of Concepts, Technologies, and Applications" in International Journal of Information technology and Computer Engineering (IJITC), Volume 03, Issue 02, Feb- Mar 2023.
29. Piyush Raja, Dr. Santosh Kumar and Dr. Taresh Singh have published the paper “WSNs Using Blockchain Technology” in DOGO RANGSANG Research Journal (UGC Care Approved), Vol. 12, Issue. 12, No. 05, December, 2022.
30. Dr. Santosh Kumar and Piyush Raja (Corresponding Author) have published the paper "Implementation of Artificial Intelligence in a Software-Defined Wireless Sensor Network" in Journal of Artificial Intelligence, Machine Learning and Neural Network (JAIMLNN), Volume 02, Issue 06, Oct-Nov 2022.
31. Piyush Raja, Dr. Santosh Kumar, Digvijay Singh Yadav, Dr. Taresh Singh have published the paper “Integrating IOT and AI: Enhancing System Efficiency and User Experience” in International Journal of Information Technology & Computer Engineering (IJITC), ISSN: 2455-5290, Volume 02, Issue 06, Oct-Nov 2022.
32. Piyush Raja has published the Book Chapter “ML in WSN Using IoT for Smart Cities: A Survey” in **SCI Indexed Springer Book** named “**Intelligent Systems for Social Change**” in 2022.
33. Piyush Raja has published the chapter “Impactful Use of E-Learning to Replace Traditional Classroom During Covid-19” on Emerging Trends in Science, Social Science, Engineering and Management-A Multidisciplinary Approach (Book of Records) Book with ISBN No : 978-93-5546-016-5 in February, 2022.
34. Piyush Raja and Dr. M. M. Rahman have published the paper “Difficulties of Quality Education in Higher

Education in India” in **SCI Indexed Journal “International Journal of Multidisciplinary: Applied Business and Education Research”**, Vol. 2 No. 12, 1374 – 1378, 2021.

35. Piyush Raja and Dr. M. M. Rahman have published the chapter "Influence of Global COVID-19 Pandemic on Labor Migration with Reference to India" in the Book "COVID 19 and Migrant Health" of Clever Fox Publishing in September, 2021.

36. Piyush Raja has published the paper “Using WSNs in Big Data System Management: Application for Firms” in CU Global Management Review (A Bi-Annual International Journal) of Chandigarh University, Vol. 10, Issue-2, July-December 2021.

37. Piyush Raja and Dr. M. M. Rahman have published the paper “A Review on Protected Data Collection for Different Methods in Wireless Sensor Network” in International Journal of Computer Science Trends and Technology (IJCSST), Volume 4, Issue 6, Nov-Dec 2016.

38. Piyush Raja and Dr. M. M. Rahman have published the paper “Different Data Collection Process for Wireless Sensor Network: A Survey” in International Journal of Scientific Research and Engineering Studies (IJSRES), Volume 3, Issue 6, June 2016.

**Educational Qualifications:**

PhD (CS), MCA

**Academic Projects:**

- Local Search Engine
- Inventory Management System

**Declaration**

I hereby declare that the above-mentioned details are true and correct to the best of my knowledge and belief.

**Date:**



**Signature**

**Place:** Nawada, Bihar