

CURRICULUM VITAE

Basic Information:

First Name:	Dr. Anilkumar
Last Name:	Vishwakarma
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Contact:	+91- 98229 91602

Photo:



Current Primary Affiliation/Institution:

Department:	Artificial Intelligence and Data science Engineering
Institution:	Godavari Foundation's, Godavari College of Engineering, Jalgaon.
University:	Dr. Babasaheb Ambedkar Technological University, Lonere
City/District:	Bhusawal/Jalgaon
State/Country:	Maharashtra/India

Highest Degree and Job Title:

Highest Degree:	Ph.D. [Electronics Engineering]
Job Title:	Head and Professor

Research Fields:

1. Artificial Intelligence and Data science
2. Machine learning and Artificial Intelligence
3. Optimization Algorithms
4. Soft Computing
5. Wireless Networks
6. Wireless Communication
7. Computer Networks
8. Computer Communication
9. Internet of Things

Online Profiles:	
ORCID:	https://orcid.org/0000-0003-4491-9118
ResearchGate:	https://www.researchgate.net/profile/Anilkumar-Vishwakarama
Google Scholar:	https://scholar.google.com/citations?hl=en&user=wB-Mzr4AAAAJ
Web of Science:	https://www.webofscience.com/wos/author/record/ACS-6364-2022
Scopus:	Author ID: 57427743800
Vidwan:	Vidwan ID: 289656/Profile URL: https://vidwan.inflibnet.ac.in/profile/289656
Other Websites/Online Platforms:	
LinkedIn:	https://www.linkedin.com/in/dr-anilkumar-vishwakarma-395a2b1b0
Education:	
<ul style="list-style-type: none"> ▪ Doctor of Philosophy [Ph. D.] in Electronics Engineering in 2023 Under the Faculty of Science and Technology from Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, Maharashtra, India. ▪ Master of Engineering [M.E.] in Electronics Engineering [Digital Electronics] in 2010 from Shri Sant Gajanan Maharaj College of Engineering affiliated to Sant Gadge Baba Amravati University, Amravati, Maharashtra, India. ▪ Bachelor of Engineering [B.E.] in Electronics and Telecommunication Engineering in 1995 from Shri Sant Gajanan Maharaj College of Engineering affiliated to Sant Gadge Baba Amravati University, Amravati, Maharashtra, India. 	
Work Experience:	
<ul style="list-style-type: none"> ▪ Currently Working as a Faculty with the Rank of Head and Associate Professor at Department of Artificial Intelligence and Data science Engineering of Godavari Foundation's, Godavari College of Engineering, Jalgaon Affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere, Maharashtra, India. ▪ Since from 01/08/2008 to 27/01/2011, Worked as a Faculty with the Rank of Assistant Professor at Department of Electronics and Telecommunication Engineering of G. H. Rasoni College of Engineering and Management, Jalgaon Affiliated to Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, Maharashtra, India. ▪ Since from 18/07/2005 to 31/07/2008, Worked as a Faculty with the Rank of Lecturer at Sanjivani Rural Education Society's, College of Engineering, Koparagon Affiliated to Savitribai Phule, Pune University, Pune, Maharashtra, India. ▪ Since from 21/07/1997 to 31/06/2004 Worked as a Faculty with the Rank of Lecturer at Hindi Seva Mandal's, Shri Sant Gadge Baba Polytechnic, Bhusawal, Jalgaon, Maharashtra, India. 	

Patent Registered:

1. AI Based Indoor Air Purification Device, Indian Patent, The Patent Office, Government of India, Design No: 389637-001, Serial No: 43825, September 13, 2023.
2. Wireless Network Signal Booster Device, The Patent Office, Government of India, Design Number-414938-001, Class-14-03, Date of Registration-26/04/2024, The Patent Office Journal Number 25/2024 dated 21/06/2024.

Copyright Registered:

1. Redefining Spectrum Management: Dynamic Allocation and Cognitive Solutions in Wireless Networks, Copyright Office, Government of India, Registration Number-L-134565/2023, December 11, 2023.
2. Enhancing Bit Error Rate Performance in OFDM Systems through Optimized Adaptive Coding and Artificial Intelligence Techniques, Copyright Office, Government of India, Registration Number-L-134565/2023, October 10, 2023.
3. Achieving Optimal Service Quality in Cellular Networks Strategies for QoS Enhancement, Copyright Office, Government of India, Registration Number-L-133266/2023, September 19, 2023.

Book Published:

1. Artificial Intelligence and Machine Learning, Prime International Publication, Government of India ISBN Number: 978-93-6010-033-9 ,May 2024.

Publications:

▪ International Journals:

- 1.Literature Survey of Intelligent Irrigation in International Journal of Innovations in Engineering and Science (IJIES), <https://doi.org/10.46335/IJIES.2024.9.4.14> e-ISSN: 2456-3463 Vol. 9, No. 4, 2024, PP. 71—75 , 2024
- 2.A Review on Real Time ECG Parameters Monitoring, in International Journal of Innovations in Engineering & Science (IJIES), <https://doi.org/10.46335/IJIES.2024.9.4.9> e-ISSN: 2456-3463 Vol. 9 , No. 4, 2024, PP. 48-53 ,2024
3. Applications of AI ChatGPT with Arduino and Micropython in International Journal of Innovations in Engineering & Science (IJIES), <https://doi.org/10.46335/IJIES.2024.9.1.6> e-ISSN: 2456-3463 Vol. 9 , No. 1, 2024, PP. 29-33 ,2024
- 4.Object Based Vehicle Track Navigation System, International Journal of Innovations in Engineering and Science,ISSN-2456-3463,pp-1-5 vol.8,No-10,2023,<https://doi.org/10.46335/IJIES.2023.8.10.4>
5. Security monitoring and self control system for home, International Journal of Innovations in Engineering and Science, <https://doi.org/10.46335/IJIES.2023.8.10.1>, ISSN-2456-3463,pp-1-5 vol.8,No-10,2023.
6. Raspberry Pi Based Assistive System for Bedridden Persons, International Journal of Innovations in Engineering and Science, ISSN-2456-3463, Vol.8 No.8,pp-29-35,2023, <https://doi.org/10.46335/IJIES.2023.8.8.2>.
7. Plant Nurturing and Disease Detection System, International Journal of Innovations in Engineering and

Science, ISSN-2456-3463, Vol.8 No.8,pp-17-22,2023,<https://doi.org/10.46335/IJIES.2023.8.8.4>.

8. Cooperative Spectrum Sensing using Rule based Hard Decision and Soft Decision with Bayesian Optimized Support Vector Machine, International Journal of Intelligent Engineering and Systems, Vol.15, No.1, 2022 DOI: 10.22266/ijies2022.0228.37,pp-405-413 ISSN:2185-310X ,E-ISSN:2185-3118.

9. IOT Base Smart Agriculture System, International Journal of Innovations in Engineering and Science, ISSN: 2456-3463, Vol. 6, No. 10, 2021, PP. 130 -134.<https://doi.org/10.46335/IJIES.2021.6.10.27> e-ISSN: 2456-3463 Vol. 6, No. 10, 2021, PP. 130 -134.

10. Comprehensive Literature Review on Raspberry Pi Based Text Reading System for Visually Impaired Persons, International Journal of Innovations in Engineering and Science,ISSN-2456-3463, Vol. 6, No. 10, 2021, PP. 29 -35,<https://doi.org/10.46335/IJIES.2021.6.10.6>.

11.A Cooperative Spectrum Sensing Scheme using Particle Swarm Optimization and Cultural Algorithm, European Journal of Molecular & Clinical Medicine, ISSN 2515-8260 Volume 7, Issue 4, 2020, pp-921-932.

12. Impact of Cognitive Radio in Spectrum Allocation, International Journal of Digital Application and Contemporary Research, ISSN: 2319-4863, www.ijdacr.com, Volume 8, Issue 03, October 2019, pp-1-3.

13. Development of Eco-Meter for Environmental Pollution Measurement, International Journal of Innovations in Engineering and Science (IJIES), ISSN: 2456-3463, Vol.4 No.10, 2019,2019,<http://www.ijies.net/>, pp-72-76

14. Electromagnetic Compatibility Issues in Medical Environment-A Review, International Journal of Innovations in Engineering and Science IJIES, ISSN: 2456-3463, Vol.4 No.10, 2019, <http://www.ijies.net/> , pp-96-100

15. A Survey on Implementation of E-Health Record With Biometric Authentication, International Journal of Innovations in Engineering and Science IJIES, ISSN: 2456-3463, Vol.4 No.10, 2019,<http://www.ijies.net/>, pp-32-37

16. Study of CAN Bus in Autonomous of all Terrain Vehicle ,International Journal of Innovations in Engineering and Science IJIES, ISSN: 2456-3463, <http://www.ijies.net/> pp-83-89, March 2018

17.Thermal Imaging in Electronics: A Review, International Journal of Innovations in Engineering and Science IJIES, ISSN: 2456-3463,<http://www.ijies.net/>, pp-118-122, March 2018

18. PLC based Automation car washing, International Journal of Innovations in Engineering and Science IJIES, ISSN: 2456-3463, <http://www.ijies.net/> pp-19-21, March 2018.

19. Edge Mesh: A New paradigm to Enable Distributed Intelligence in internet of Things, International Journal of Innovations in Engineering and Science IJIES, ISSN: 2456-3463,<http://www.ijies.net/>, pp-22-26, March 2018.

20. Multilevel Water Level Control & Monitoring of Multiple Tanks, International Journal of Advances in Scientific Research and Engineering (IJASRE) Volume 4, Issue 1 January-2018 E-ISSN: 2454-8006, pp-65-71, DOI: <http://dx.doi.org/10.7324/IJASRE.2018,32582>.

21. Image Localization Using Google Maps, International Journal of Engineering Sciences & Research Technology, ISSN:2319-7064, pp 1301-1305,Volume 6 Issue 7, July 2017, www.ijrsr.net , DOI: 10.5281/Zenodo.828673.

22. Literature Survey On Real Time Bluetooth Communication, International Journal of Advanced Electronics & Communication Systems, ISSN: 2277-7318, Vol-6 No-2, May 2017, pp. 30-36.

23. Automatic banana hands bunch measuring & recording systems, International Journal on Recent and Innovation Trends in Computing and Communication, ISSN: 2321-8169, Volume: 4, issue: 5 pp-429-433, May 2016, <http://www.ijritcc.org>

24. Real time ECG parameter identification and monitoring, International journal on recent and innovation trends in computing and communication, ISSN: 2321-8169, Volume: 4, issue: 5 pp-451-455, May 2016, <http://www.ijritcc.org>

25. Cryptography in digital Multimedia based on VLSI, Global journal of advanced engineering technologies and science, ISSN 2349-0292, Vol-2, No-7, July 2015, pp. 103-107, <https://gjaets.com/index.php/gjaets/article/view/275>

26. Remote control system of street lighting system using a zigbee network and GPRS, Cyber Times International Journal of Technology and Management, ISSN No: 2278-7518, ICGTETM 2015, January 11, 2015.

▪ International Conferences:

1. Applications of AI ChatGPT with Arduino and Micropython, GF's Godavari College of Engineering (NAAC Accredited), Jalgaon One Day Online International Conference on Recent Advances in Engineering, Science and Technology (ICRAEST-2024) 15 March, 2024.

2. Literature Survey of Intelligent Irrigation, GF's Godavari College of Engineering (NAAC Accredited), Jalgaon One Day Online International Conference on Recent Advances in Engineering, Science and Technology (ICRAEST-2024) 15 March, 2024.

3. A Review on Real Time ECG Parameters Monitoring, GF's Godavari College of Engineering (NAAC Accredited), Jalgaon One Day Online International Conference on Recent Advances in Engineering, Science and Technology (ICRAEST-2024) 15 March, 2024.

4. Dynamic spectrum allocation based on fuzzy logic in cognitive radio networks, Third International Conference (Online) on Innovations in Communication Computing and Sciences (ICCS-2021), Chandigarh Engineering College, Landran; Mohali (Punjab), AIP Conference Proceedings, Volume number: 2576, ISBN: 978-0-7354-4253-5, <https://doi.org/10.1063/5.0105775>, December 9, 2022, pp. 030003-1- 030003-11

5. Single Threshold Spectrum Sensing Energy Detector using Whale Optimization, Fourth International Conference (Online) on Innovations in Communication Computing and Sciences (ICCS-2022), Chandigarh Engineering College, Landran; Mohali (Punjab), e-ISBN: 9788770040082, DOI: <https://doi.org/10.13052/rp-9788770040082>, September 15-16, 2022.

6. Threshold Optimization in Maximum–Minimum Eigenvalue Based Detection in Cognitive Radio Using Ant Colony Optimization, Third International Conference On Mobile Computing and Sustainable Informatics (ICMCSI-2022), Tribhuvan University, Nepal, Proceedings Published By Springer, Singapore in Springer Lecture Notes on Data Engineering and Communications Technologies-LNDECT, Volume 126, Electronic ISSN: 2367-4520, Print ISSN: 2367-4512, DOI: https://doi.org/10.1007/978-981-19-2069-1_59, July 16, 2022, pp. 855-868.

7. IOT Base Smart Agriculture System , International Conference on Recent Advances in Engineering Science and Technology, ICRAEST-2021 , GFs, Godavari College of Engineering, Jalgaon, 16 July, 2021.

8. Comprehensive Literature Review on Raspberry Pi Based Text Reading System for Visually Impaired Persons, International Conference on Recent Advances in Engineering Science and Technology, ICRAEST-2021 , GFs, Godavari College of Engineering, Jalgaon, 16 July, 2021.

9. Automation in Hydroponics Farming Eco-System, 5th International conference on computing In Engineering and Technology ICCET 2020, Volume 2 (pp. 325-334), MGMs College of Engineering, Nanded, DOI: 10.1007/978-981-15-4851-2_34, Jan 9-11, 2020.

10. Remote control system of street lighting system using a zigbee network and GPRS, International

Conference on Global trends in Engineering, Technology and Management (ICGTETM), SSBT's, COET, Bambhori, Jalgaon, January 9-11, 2015.

11. Incremental Shortest Path Algorithm to find Nearest Node to Scale WSN, International Conference on Modelling and Simulation in Engineering and Technology ICMSET-2014 ,GFs, Godavari College of Engineering, Jalgaon, Feb 15-16, 2014.

12. Enhancement of MANET routing protocol, Conference on IT in Business, Industry and Government (CSIBIG) , DOI: 10.1109/CSIBIG.2014.7056979 , Sri Aurobindo Institute of Technology, Indore, India,08-09 March, 2014.

13. Data mining using Association rule for fast algorithm, International Conference on Engineering Research and Applications, GFs, Godavari College of Engineering, Jalgaon, 1-2 March , 2012.

14. Network on chip-overview, International Conference on Engineering Research and Applications , GFs, Godavari College of Engineering, Jalgaon, 1-2 March , 2012.

15. Short Term Load Forecasting (Overview of the types of forecasting methods), International Conference on Science, Engineering and Spirituality,ICSSES10 at S.E.S. College of Engineering, Navalnagar, April 01-02, 2010.

16. Satellite Image Processing, International Conference on ITECH-09, Amrutvahini College of Engineering, Sangamner, March 4-5, 2009.

17. Secure Border Gateway protocol, International Conference on ITECH-09, Amrutvahini College of Engineering, Sangamner, March 04-05, 2009.

▪ **National Conferences:**

1. Electromagnetic Compatibility Issues in Medical Environment-A Review , PHOENIX-2K19, GFs, Godavari College of Engineering, Jalgaon, March 26, 2019.

2. Development of Eco-Meter For Environmental Pollution Measurement, PHOENIX-2K19, GFs, Godavari College of Engineering, Jalgaon, March 26, 2019.

3. A Survey on Implementation of E-Health Record With Biometric Authentication , PHOENIX-2K19, GFs, Godavari College of Engineering, Jalgaon, March 26, 2019.

4. Study of CAN Bus in Autonomous of all Terrain Vehicle, National Conference on Current Trends in Engineering, Science and Technology, NACCTEST-2018 on 20th March 2018 at Godavari College of Engineering (NACCTEST-2018)

5. Thermal Imaging in Electronics: A Review, National Conference on Current Trends in Engineering, Science and Technology NACCTEST - 2018 on 20th March 2018 at Godavari College of Engineering (NACCTEST-2018)

6. PLC based Automation car washing, National Conference on Current Trends in Engineering, Science and Technology, NACCTEST-2018 on 20th March 2018 at Godavari of Engineering (NACCTEST-2018)

7. Edge Mesh: A New paradigm to Enable Distributed Intelligence in internet of Things, National Conference on Current Trends in Engineering, Science and Technology, NACCTEST-2018 on 20th March 2018 at Godavari of Engineering (NACCTEST-2018)

8. Literature Survey On Real Time Bluetooth Communication , National Conference on Current Trends in Engineering, Science, Technology and Management (NACCTESTM-2017), Godavari College of Engineering, Jalgaon, 21-03-2017.

9. A Survey On Real Time Identification And Monitoring of ECG Parameters, National Conference on Current Trends in Engineering, Science, Technology and Management (NACCTESTM-2017),

Godavari College of Engineering, Jalgaon, 21-03-2017.

10. Image Localization Using Google Maps, National Conference on Current Trends in Engineering, Science, Technology and Management (NACCTESTM-2017), Godavari College of Engineering, Jalgaon, 21-03-2017.

11. Literature Survey On Real Time Bluetooth Communication ,National Conference on Current Trends in Engineering, Science, Technology and Management (NACCTESTM-2017), Godavari College of Engineering, Jalgaon, 21-03-2017.

12. A Survey On Real Time Identification And Monitoring of ECG Parameters, National Conference on Current Trends in Engineering, Science, Technology and Management (NACCTESTM-2017), Godavari College of Engineering, Jalgaon, 21-03-2017.

13. Image Retrieval Using SVM, National Conference on Emerging Technologies in Engineering and Management NATCON-2011, GFs, Godavari College of Engineering, Jalgaon, February 20, 2011.

14. Short Term Load Forecasting (Overview of the types of Forecasting Methods), National Conference on Emerging Trends in Engineering, Technology and at SSBT'S College of Engineering and Technology, Bambhori, Jalgaon, 29 March 2010.

15. Short Term Load Forecasting-Comparison of supervised and unsupervised network, National Conference on Emerging Trends in Electronics Engineering and Computing E³C2010, J D College of Engineering, Nagpur, February 09-10, 2010.

16. Short Term Load Forecasting using ANN, National Conference on Futuristic Computer Applications, NCFCA 2009, at AISSMS Institute of Information Technology, Pune, December 22-24, 2009.

17. Short Term Load Forecasting using ANN, National Conference on Advanced Technologies in Computing and Networking, ATCON-09, Management Association of MCA Institutes of Maharashtra and H.V.P. Mandal, Amravati, 13-14 November 2009.

18. Detection of fighting Terrorism via D.N.A Recognition, National Conference on TECHFIESTA'09 at D. N. Patel College of Engineering, Shahada, March 3, 2009.

19. Auto Teller Machine using Embedded System, National Conference on ORION 08, Pravara Rural Engineering college, Loni, March 29-30, 2008.

▪ **Book Chapters:**

1. Smart IOT Applications for Growing Agriculture Business, Futuristic Trends in Electronics and Instrumentation Engineering, e-ISBN:978-93-6252-491-1, Volume-3 Book 1, IIP Series, 30 April 2024, USA.

2. Single Threshold Spectrum Sensing Energy Detector using Whale Optimization, e-ISBN: 9788770040082, DOI: <https://doi.org/10.13052/rp-9788770040082>, 2022.

3. Threshold Optimization in Maximum–Minimum Eigenvalue Based Detection in Cognitive Radio Using Ant Colony Optimization, Published By Springer, Singapore in Springer Lecture Notes on Data Engineering and Communications Technologies-LNDECT, Print ISBN: 978-981-19-2068-4, Online ISBN: 978-981-19-2069-1, DOI: https://doi.org/10.1007/978-981-19-2069-1_59 , 2022.

4. Automation in Hydroponics Farming Ecosystem, DOI: 10.1007/978-981-15-4851-2_34, In book: Next Generation Information Processing System, Proceedings of ICCET 2020, <https://link.springer.com/book/10.1007/978-981-15-4851-2>, book series: Advances in Intelligent Systems and Computing (AISC, volume 1162), ISBN: 978-981-15-4850-5, Springer, 2021.

4. Enhancement of MANET routing protocol, ISBN 1479930628, 9781479930623, DOI: 10.1109/CSIBIG.2014.7056979, <https://ieeexplore.ieee.org/xpl/conhome/7049459/> proceeding, 2015.

Faculty Development Programs

▪ FDP Attended:

1. One Week FDP on Machine Learning and Data Science using Python, Godavari college of Engineering, Jalgaon, June 03-08, 2024.
2. National Faculty Development Program (NFDP) on Unlocking Innovation: Exploring Intellectual Property Rights organized by PVP Siddhartha & P B Siddhartha College of Arts & science from 16-21 May, 2024
3. National Faculty Development Program (NFDP) on Sustainability and sustainable Development Goals organized by the Department of Mechanical Engineering, Sandip Institute of Engineering and Management, Nashik in association with SPSC from 13 to 17-May-2024
4. National Faculty Development Program (NFDP) on Recent Trends in Multidisciplinary Research organized by the Department of Computer Engineering, Vishwakarma Institute of information Technology, Pune, in association with IEEE Computer Society Pune from 29-April to 03-May-2024
5. International Faculty Development Program (IFDP) on 21st Century: Recent Trends, Challenges And Future Roadmap For Transitions In Technological Generations Organised By Yeshwantrao Chavan College of Engineering, Nagpur from 25th to 30th Apr 2024.
6. National Faculty Development Program (NFDP) on GenAI and Prompt Engineering using Microsoft Copilot at ExcelR Edtech Pvt.Ltd., from 15th Apr to 19th Apr 2024.
7. National Faculty Development Program (NFDP) on Data Analytics using Power BI and Tableau in Collaboration with Parul University-Vadodara, Gujarat, Atria Institute of Technology Karnataka, Amity Pune, Maharashtra in collaboration with ExcelR Edtech Pvt.Ltd., from 11th Mar to 15th Mar 2024.
8. One Week FDP on Emerging Technological Trends in Industry, Organized by Department of Electronics and Telecommunication Engineering, Vishwakarma Institute of Technology, Pune, 11-15 March, 2024.
9. One Week FDP on Deep Dive into Data Science and Machine Learning, organized by Department of Computer Engineering, PCET'S NMIET, Talegaon, Pune, 26 Feb-01 March 2024.
10. Two Week Virtual Faculty Buildathon-AI/ML with Cloud, IBM, November 21, 2023 to December 02, 2023.
11. Machine Learning and artificial Intelligence Edulakes Solutions IIT Roorkee, 30 Oct to 3 Nov 2023.
12. Research Trends in Artificial Intelligence and Data Science, Sinhgad college of Engineering, Pune, July 24 -28, 2023.
13. Data Science and Machine Learning, Godavari college of Engineering, Jalgaon, February 13-17, 2023.
14. DevOps Engineering, PHN Technologies, Pune, 4 Feb 2023
15. Smart Tools and Methodologies for Academic Research, Department of ECE, Mahatma Gandhi Institute of Technology, Hyderabad, August 01-05, 2022.
16. Research Methodology, Amar Sewa Mandal's Kamla Nehru Mahavidhyalaya, Nagpur, May 02-07,

2022.

17. Why, What and How of Patents, ASPIRE-the Entrepreneurship and Incubation Cell of ST Francis DE Sales College, Bengaluru, February 07, 2022.

18. Research Tools and Methodologies, September 27, 2021 to October 01, 2021.

19. Types of Research and sampling Techniques, September 24, 2021.

20. Advanced Methodologies for Contemporary Research, August 16-23, 2021.

21. Research Methodology, IQAC, August 23-26, 2021.

22. Advanced technologies in Wireless Communication Networks (ATWCN)-2021, GMR Institute of Technology, Rajam, India, August 02-06, 2021.

23. Concepts and development of Research Methodology, Department of Commerce and IQAC, Nehru Memorial College Kurunjibag, Sullia, Dakshinakannada District, Karnataka-574327, July 15-17, 2021.

24. Best Practices of Research Paper Writing, Quad Editing Services Delhi, 29 to 31 May 2020.

25. Latest Wireless and Computing Technologies NITTTR, Chandigarh, 14/04/2020 to 18/04/2020.

26. Machine Learning and Deep Learning Applications in Engineering and Science Government college of Engineering. Karad 16th May 2020 to 20th May 2020.

27. Online Teaching-Learning Processes using ICT Tools for Education 4.0, St. Vincent Pallotti college of Engineering , Nagpur, June 08-13, 2020.

28. Tools for Scientific Communication and Effective Teaching, Vaagdevi college of Engineering, Warangal, June 02-06, 2020.

29. MATLAB Applications in Engineering and Science, Government college of Engineering, Karad, April 27, 2020 to May 01, 2020.

30. Fundamentals Of Signal Processing, Sant Gadge Baba College of Engineering and Technology, Bhusawal, 1-5 Jan-2020

31. Entrepreneurship Development, G. H. Rasoni college of Engineering and Management, Jalgaon, 9-12-2013 To 20-12-2013.

Short Term Training Programs:

▪ STTP Attended:

1. ISTE Approved STTP on Applications of AI-ML-DL in Product Life Cycle Design and Management , Dwarkadas J. Sanghvi College of Engineering , Mumbai, July 22-26, 2024.

2. Data Science Micro degree, EDYODA, 6 Jan to 21 Jan 2024.

Python for AI/ML Micro degree , EDYODA , 27 Nov to 18 Dec 2023.

3. NEP Orientation and Sensitization Programme, Malaviya Mission Teacher Training Program, Sant Gadge Baba Amravati University, Amravati, 18-27-Dec-2023.

4. Personality Enhancement, Godavari college of Engineering, Jalgaon, 11 to 15 Dec-2023.

5. Machine Learning and Artificial Intelligence, Godavari college of Engineering, Jalgaon, October 30, 2023 to November 03, 2023.

6. Next Generation Wireless Technologies: 5G and beyond, Indo Global College of Engineering,

Abhipur, Chandigarh, September 20-25, 2021.

7. Online learning: Live classroom Teaching Platforms, KBC-Train the Teacher Training Program, July 24-27, 2020.

8. Introduction To Wireless and Cellular Communications, NPTEL-IITM, Aug-Nov-2019.

9. Diploma in Software Testing, Pune, 2005.

Workshops:

▪ Workshops Attended:

1. AI with ML using Data Science on 10th and 11th May, 2024 organised by Edufabrica in association with Aavhan, IIT Bombay.

2. Placement preparation programme on April 13th and 14th, 2024 organised by IIP in association with Abhyuday IIT Bombay.

3. Microsoft copilot, Skill Nation, April 4, 2024

4. Generative AI, March 16, 2024.

5. Data Science, November 26-27, 2023.

6. AI Tools conducted by be10X, November 19, 2023.

7. Research for Resurgence Foundation, May 26, 2022.

8. National level NAAC Accreditation system with effective DVV process, May, 2022.

9. Wireless Systems and its Applications, Easwari Engineering College, Chennai, February 02, 2022.

10. Research Article Writing and Plagiarism, Zoology and Biotechnology Department and IQAC, September 18, 2021.

11. Academic and Research Writing, January 04, 2022.

12. Intellectual Property Rights (IPR), December 23, 2021.

13. Intellectual Property Rights (IPR)-Patent & Designs Process, October 11, 2021.

14. IPR and IP Management for Start Ups, PG Dept. of Chemistry in collaboration with IQAC, Kanya Maha Vidyalaya, Jalandhar on 21 June 2021.

15. Art of writing research paper in Scopus journals, April 10, 2021.

16. Best Practices of Research Paper Writing, May 29-31, 2020.

17. Artificial Intelligence, Koparagon.

18. Assembly Language Programming at G. H. Rasoni Institute of Engineering and Management, Jalgaon September 19-20, 2008.

19. ARM Processor, SSGMCE, Shegaon and Oasis Technologies Pvt.Ltd., Pune. 25-26 August 2006.

20. Mobile Computing, KCE's Institute of Management & Research, Jalgaon, 22-23 October 2009.

21. CMOS, Mixed Signal and Radio frequency VLSI Design, IIT Kharagpur, 30-01-2017 TO 4-02-2017

22. Mission 10X, Bambhori, 5-9 July 2010

23. IPR, Jalgaon, MARCH 2019.
24. Springer, 25 SEP 2018.
25. Pedagogy and use of ICT, Godavari college of Engineering, Jalgaon, 20 & 21 Jan 2018.
26. LATEX. Godavari college of Engineering, Jalgaon.
27. R Workshop, IIT-Bombay, G. H. Raisoni college of Engineering and Management, Jalgaon, 9 NOV 2019.
28. Syllabus setting of final year Electronics and Telecommunication, Gulabrao Deokar College of Engineering, Jalgaon, 14 FEB 2015
29. IPR In Protecting the Rights of Practicing Researchers and Engineers, HSM'S, SSGBCOE&T, Bhusawal. 22-23 JAN-2020
30. Virtual Laboratory: Importance and Applications.
31. Research for resurgence foundation, RKDF university, Bhopal, May 26, 2022.
32. Wireless Systems and its Applications, Easwari Engineering College, Chennai, February 02, 2022.
33. Academic and Research Writing, Shri Muktanand College Gangapur, January 04, 2022.
34. Intellectual Property Rights (IPR), Pemraj Sarada College, Ahmednagar, December 23, 2021.
35. Research Article Writing and Plagiarism, Zoology and Biotechnology Department and IQAC, Govt. Girls' P.G. College, Ujjain, September 18, 2021.
36. Syllabus setting of final year Electronics and Telecommunication Engineering, Gulabrao Deokar college of Engineering, Jalgaon, February 14, 2015.
37. Assembly Language Programming, G. H. R. I. E M, Jalgaon, 19-20, 2008.

Program Organized:

1. Expert Talk on A career Pathway for Data Scientist by Miss. Akshada Vijay Patil (Data Scientist at EY), Godavari college of Engineering, Jalgaon on 5-4-2024.
2. State Level Technical Project Competition cum Exhibition-IEEE Technovation-24, Godavari college of Engineering, Jalgaon, 03 April 2024.
3. Expert Talk on Artificial Intelligence by Mr. Rohit Shah (Data Scientist at Digital Company Group Pvt. Ltd. Pune), Godavari college of Engineering, Jalgaon on 22-3-2024.
4. Workshop on Generative AI by NXT Wave, Pune, 16-3-2024.
5. Expert Talk on Data Science by Mrs. Divya Premkumar Patil (Managing Director at Libity Infotech Pvt. Ltd. Pune), Godavari college of Engineering, Jalgaon on 7-3-2024.
6. Expert Talk on Campus to Corporate Journey by Dr. Sunil Patil (Former Director Symbiosis Institute of Telecom Management, Pune), Godavari college of Engineering, Jalgaon on 2-11-2023.
7. Workshop on World of Electronics, Godavari college of Engineering, Jalgaon, 18-01-2023-20-01-2023.
8. Workshop on Introduction to IOT, Godavari college of Engineering, Jalgaon, 2023.

9. Webinar on Managing career planning during Graduation, Godavari college of Engineering, Jalgaon, 2021.
10. STTP on AI, Godavari college of Engineering, Jalgaon, 2020.
11. State Level Technical Event-PHOENIX-2K19, Godavari college of Engineering, Jalgaon, 26 March 2019.
12. Gathering ULHAS-2K18, Godavari college of Engineering, Jalgaon, 23 Feb 2018.
13. Robotics-14, Godavari college of Engineering, Jalgaon, 3 Feb to 7 Feb 2014.
14. Basic Electronics Circuit Design-12, Godavari college of Engineering, Jalgaon, 15 Oct to 17 Oct 2012.
15. Parent Meet-10, G. H. Rasoni college of Engineering, Jalgaon, 2010.

Webinars/Seminars:

• Webinars Attended:

1. Webinar on “NEP-2020” , 22 March-2024
2. Seminar on IKS at G. H. Rasoni college of Engineering and Management, Jalgaon, 22 Dec-2023
3. Research Methodology and Intellectual Property Rights, Banwarilal Bhalotia college Asansol, West Bengal, July 17, 2022.
4. Research to Revenue-The academics and Industrial perspectives through various IPRs and Patents in specific, March 30, 2022.
5. Essential skills for Research writing and publishing, February 24, 2022.
6. Research Idea towards Trademarks, Copyrights and Patents, February 28, 2022.
7. IPR Awareness & Related Procedures, Institution's Innovation Cell (IIC) in association with Indian Patent Office (IPO), Mumbai, January 28, 2022.
8. Fundamental of IPR, December 18, 2021.
9. Strategies to Write a Research Proposal and Funding Opportunities in India-An Overview, Department of Library, NDLI Club, RIT-Institution's Innovation Council and Research Council, December 08, 2021.
10. Formulation of Hypothesis, Department of Statistics & Library Science, October 02, 2021.
11. Advanced Mathematical Tools for Engineering Research, Department Of Mathematics, Mangayarkarasi College of Arts and Science for women, Paravai, Madurai, October 01, 2021.
12. Role of Libraries in the Promotion of Research Activities, Central Library, September 24, 2021.
13. Research Paper Writing & Publications, August 30, 2021.
14. Research Methodology and Intellectual Property Rights, Research and Development Cell in association with IQAC, Banwarilal Bhalotia College, Asansol, July 17, 2022.
15. IP Awareness/Training program, Intellectual Property Office, India, July 06, 2022.
16. IP Awareness/Training program, National Intellectual Property Awareness Mission, Intellectual Property Office and MoE and Innovation Cell, India, June 29, 2022.
17. IP Awareness/Training program, National Intellectual Property Awareness Mission, Intellectual

Property Office and MoE and Innovation Cell, India, June 22, 2022.

18. Springer Nature Science and Technology, Communication Springer Nature, June 21, 2022.

19. Research Idea towards Trademarks, Copyrights and Patents, Department of Computer Science, TSWRDCW Suryapet, February 28, 2022.

20. Essential skills for research writing & Publishing: Special reference to IPR, IQAC and Library, J. Watumull Sadhubella Girls college Ulhasnagar, February 24, 2022.

21. Fundamentals of IPR, Shri Sant Gadge Baba College of Engineering and Technology, Bhusawal, December 18, 2021.

22. Strategies to Write a Research Proposal and Funding Opportunities in India-An Overview, Ramco Institute of Technology, Rajapalayam, December 08, 2021.

23. Hypothesis Building and Testing a Structural Equation Modelling Approach Centre for Consultancy Training and Corporate Interface, DOC and Knowledge Partner, I-BAT, November 10, 2021.

24. Prerequisite for Execution of Research Work, Priyadarshini College of Engineering, Nagpur, October 28, 2021 to October 30, 2021.

25. Information Literacy and e-Resource for Education and Research, Government Girls Post Graduate College, Ujjain, October 26, 2021.

26. 7 Secrets of Scientific Research Methodology, Aristocrat Research.com, a unit of Aristocrat IT Solutions Pvt. Ltd., October 23, 2021.

Professional Body Membership:

1. ISTE-Indian Society for Technical Education Life Membership-M. No: LM 65361.

2. IEEE-Institute of Electrical and Electronics Engineers- Membership-100092508.

2. SAEINDIA-Society of Automotive Engineers INDIA – Membership 7240510051.

Academic Achievements and Recognitions

1. Registered as a Ph.D. Co-Guide (Registration Number-JJT/2K9/ENGG/1044) at Shri Jagdishprasad Jhabarmal Tibrewala University.

2. Works as a Reviewer, 2024, International Conference on Futuristic Advances in Mechatronics Engineering for Aerospace and Defence (ICFAMEAD 2024).

3. Works as a Reviewer, 2024 Sixth International Conference on Electrical, Computer and Communication Technologies (ICECCT 2024) will be held at Chhattisgarh Swami Vivekanand Technical University (CSVTU), Durg, Chhattisgarh, India during 26 – 28, June 2024.

4. Recognize as a Reviewer, International Journal of Innovative Research in Technology (IJIRT), Solaris Publication, Ahmedabad, Gujarat, India.

5. Recognize as a Reviewer, American Journal of Networks and Communications by Science Publishing Group, New York, U.S.A.

6. Works as a Reviewer, 2024 IEEE International Conference on Recent Innovation in Smart and Sustainable Technology (ICRISST 2024) at Presidency University, Bengaluru, Karnataka, India, 15-16 March 2024.

7. Works as a organizer for Workshop on AI for students: Build Your own Generative AI Model by NXT

Wave on 16-3-2024

8. Works as a organizer for Workshop on Bureau of Standard Sensitization cum Training Programme 11-10-2023.
9. Works as an organizing committee member for International Conference on Recent Advances in Engineering Science and Technology, ICRAEST-2021, GFs, Godavari College of Engineering, Jalgaon, 16 July, 2021.
10. Works as a Chairman, Board of Paper Setters and Examiners at UG and PG level.
11. Works as a Paper Setter, Board of Paper Setters and Examiners at UG and PG level.
12. Works as an Examiner/Moderator/Expert for Central Assessment Programme (CAP) at UG and PG level.
13. Works as an Internal/External Examiner for Practical/Oral Examination at UG and PG level.
14. Works as an Internal/External Senior Supervisor for University Examinations at UG and PG level.
15. Works as a Flying Squad Member for University Examinations at UG and PG level.
16. Works as a Member of Approval Committee at UG level.
17. Works as Resource Person in STTP/FDP

Responsibilities Handled at College Level:

1. Worked as Academic Monitor.
2. Worked as International conference Organizing Committee member.
3. Worked as Editor for Journal Papers and Book.
4. Worked as Coordinator for Campus Development.
5. Worked as Editor for College Magazine.
6. Worked as Session Chair in International and National Conference.
7. Worked as Coordinator for AICTE Activities like AKAM, KARMA, G20, Digital India week 2023, Har Ghar Tiranga, Meri Matti Mera Desh , Mera Phela Vote Desh Ke liye etc.
8. Worked as Technical Speaker in STTP and Workshop.
9. Worked as NSS Programme officer.
10. Worked as Coordinator for NEP-2020.
11. Worked as Chairman of Gathering, Sport, and Technical Event-Phoenix.
12. Worked as Project Guide for UG and PG level.
13. Member of IQAC, IIC.
14. Departmental coordinator of NBA, NAAC.

Personal Information	
Date of Birth:	18/11/1973
Gender:	Male
Nationality	Indian
Marital Status:	Married
Languages Known:	English, Hindi, and Marathi
Hobbies:	Reading, Plantation, Listening Music, Watching Suspense Movies.
Permanent Address:	127/A, Kamalkunj Vihar, Tapi Nagar, Bhusawal-425201, District-Jalgaon, Maharashtra, India.

Dr.Anilkumar Dulichand Vishwakarma