

Resume

Dr. Vijay Ramchandra Dhawale

Assistant Professor, MCA

Department of MCA

KK Wagh Institute of Engineering Education and Research, Nashik

Contact No.: 9552749138



DoB: 02/04/1969

Area of Specialization: Artificial Intelligence

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Professional Qualifications:

Sr. No.	Degree Obtained Faculty/ Specialization	Name of the University/ Institute	Year of Passing	Class/ Division
B.Sc. (Electronics)	Electronics	Sant Gadge Baba Amravati University, Amravati	1990	Second
PGDCS	Comp. Sc. & Appli	Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	1991	Second
M.Sc. (Physics)	Digital Electronics	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	1993	Second
B.Ed.	Physics & Maths	Sant Gadge Baba Amravati University, Amravati	1996	First
MCA	Comp. Appli.	Sant Gadge Baba Amravati University, Amravati	2006	First
M.Phil. (CS)	Comp. Science	YCMOU, Nasik	2009	First
Ph.D. (CSE)	Artificial Intelligence, Neural Networks	Sant Gadge Baba Amravati University, Amravati	3 rd August 2015	NA

Professional/ Research Experience

Teaching Experience: 24 years		Post Ph.D. Experience: 06 years
S.No.	Organization/ Institute	Designation
1	Department of Research and PG Studies in Sc. & Mgmt, MCA Programme Vidya Bharati Mahavidyalaya, Amravati	Assistant Professor
2	Department of Computer Science, Vidya Bharati Mahavidyalaya, Amravati	Lecturer
3	CDAC's Advanced Computing Training School (ACTS), College of Engg., Badnera, Amravati	Faculty
4	Yashwantrao Chavhan Arts and Science College, Mangrulpir Dist: Akola	Sr. Lecturer

Industrial Experience: 1 year 3 months

Organization/ Institute	Designation	Years (Duration)
The Malkapur Urban Co-op Bank Ltd., Malkapur Dist:Buldhana	System Administrator	26.12.1996 to 15.04.1998 1 year 4 months

Research and Publications

- a) No. of Project supervised: 82 (MCA – Project & Dissertation)
- b) No. of Publications – 17 Nos
- i) International: **08** (Referred Journals) **03** (Conference Proceedings)
- ii) National: **02** (Referred Journals) **04** (Conference Proceedings)
- c) No. of Patents: 01

S.NO	Title of the Patent Published	Application No. and Date of Publication
1	Reliable Process for Pollen Classification from Pollen Images using Computational Intelligence	Application No. 1819/MUM/2015, Journal No. 21/2015, Publication Date: 22/05/2015

Membership of Professional Bodies

Professional Body	Member no./ ID	Remarks
ISTE	IM 2902	

Professional Training Received

Professional Body	Brief on Training	Period/ duration
Intellectual Property Office, India	IP Awareness/ Training program under National Intellectual Property Awareness Mission organized by Intellectual Property Office, India conducted by Faculty of National IPR in collaboration with Vidya Bharati Mahavidyalaya, Amravati	11 th January 2022
Spoken Tutorial Project, IIT Bombay	Training on Python 3.4.3	25 th April 2020
MATLAB	Successfully completed self-paced training course on "MATLAB Onramp"	8th July 2019
leadingIndia.ai by Bennett University, Greater Noida	Workshop on Artificial Intelligence and Deep Learning	8 th Sept to 9 th Sept 2018
NVIDIA Deep Learning Institute	Image Classification with DIGITS, Object Detection with DIGITS	10 th Sept 2018

Academic and Corporate Activities:

- 1) Member, University Committee for preparation of the Schemes of Two year MCA Course (Letter no.SGBAU/6-D/BOS/A-52/20, Dtd:28/07/2020)
- 2) ARC Officer for DTE, Mumbai for admissions to First year PG course of MCA.
- 3) Member of University Committee for Designed Schemes & Syllabi of MCA, during One day Symposium on "Computing Syllabus - Design/Restructuring/ Revision "Computing Curricula - Vision 2020" organized by Board of Studies Computer Science & Engineering, dtd: 23/12/2016 held at Dept. of Computer Science and Engineering, SGBAU, Amravati
- 4) Member of university LEC for course affiliation
- 5) Member of Syllabus design/ Book Review committee of the subject Information Technology (97) constituted by MSBSHSE, Pune.

Responsible position / Initiatives:**Experience of working on the College committees**

1. Member of Academic Audit Committee, Vidya Bharati Mahavidyalaya, Amravati for NAAC 3rd cycle
2. Working as Chairman of the committee constituted on Website Maintenance Committee constituted for NAAC Re-accreditation-2018
3. Worked as Chairman of the committee constituted on Database for E-learning and Infrastructure Committee constituted for NAAC Re-accreditation-2012.
4. Worked as Chairman of the committee constituted for Computer Literacy Cell for NAAC Re-accreditation of college in the year 2012.

Experience of working on the University and other committees

1. Worked as Chairman/ Member for paper setting of several subjects of MCA in SGBA University examinations and HVPM (an Autonomous Institution) Amravati.
2. Worked as Examiner for Project/ Seminar/ Practical of several subjects of MCA in SGBA University examinations and HVPM (an Autonomous Institution) Amravati.
3. Judge the Seminar Competition on the occasion of National science Day celebration 2017 organized on the focal theme "Science & Technology for Specially Abled Person" on Tuesday, 21st March 2017 at Sant Gadge Baba Amravati University, Amravati under UG, PG and Post-PG category

TEACHING EXPERIENCE (Courses Taught)

Title of the course taught	Course code	UG/PG	Year
Computer Science –I & II	D2	UG	2000 to 2007
Information Technology	97	UG	2000 to 2007
C, C++ Programming		UG	2007
DBMS		UG	2006 - 2007
Web Programming		UG	2007
Computer Graphics		PG	2008
Computer Organization	1MCA1	PG	2010
System Analysis and Design	2MCA3	PG	2011
Data Communication	2MCA4	PG	2011
Business Systems	2MCA5	PG	2012
Operating System	3MCA1	PG	2013
File Structure & Data Processing	3MCA2	PG	2014
Computer Networks	3MCA4	PG	2015
Electronic Commerce	4MCA4	PG	2016
Software Project Management	5MCA2	PG	2017
System Administration & Security	5MCA3	PG	2018
Data Mining Data Warehousing	5MCA5	PG	2018
Computer Organization and Architecture	MCA19101	PG	2019
Object Oriented Programming with C++	MCA19102	PG	2019
Web Technology	MCA19108	PG	2019
Advance Computer Architecture	MCA20201	PG	2021 – 2022
Data Analytics	MCA20301	PG	2020 – 2022

Competition/ SHORT TERM COURSES/WORKSHOPS/SEMINARS/ ORGANIZED (As a Co-ordinator)

Title of the Program	Period	Beneficiaries
“Pratibha” State Level IT Event	2010 & 2017	Students from all colleges in Vidarbha region
Workshop on .Net Technologies	2010 onwards	Students of MCA
Workshop on Communication Skill	8 th Dec 2021 onwards	Students of MCA
Workshop on PHP	2016 onwards	Students of MCA
Workshop on Aptitude and reasoning	2016 onwards	Students of MCA
MCA course Awareness Programme	Feb 2014 onwards	Final year graduation students of various college
First year induction Program	2019 onwards	Newly admitted 1 st year students
Webinar on “Company Work Ethics” by Alumni Ku. Shefali Sonune, Persistant Technology, Nagpur Dt: 12 th December 2020	Dec. 2020	MCA Final year students
Workshop on Online Teaching-Learning Platforms	2020 onwards	Faculties of various departments in campus
Workshop on Microsoft Certifications	2020 onwards	All students

List of Publications

A) Research Papers under Review in Refereed International Journals

1. Dhawale V. R.; Dhawale S. A., "Impacts and effects of online classroom: A case study of management institute", Proceeding of National Conference on Recent Trends & Innovations: In Commerce & Management, Computer Science & Education, April 16, 2022
2. Dhawale, V.R.; Tidke, J.A.; Dudul, S.V., "Pollen Classification of three types of plants of the family Malvaceae using Computational Intelligence Approach", DESIGN, CONSTRUCTION, MAINTENANCE, E-ISSN: 2732-9984, Volume 1, pp. 1-7 2021. DOI: 10.37394/232022.2021.1.1 ([https://www.wseas.com/journals/dcm/2021/a02dcm-001\(2021\).pdf](https://www.wseas.com/journals/dcm/2021/a02dcm-001(2021).pdf))
3. Dhawale V.R., Thakare U. A., Thakare P. B., "Siri- The Intelligent Personal Assistant", Published in e-journal of International Research Journal of Innovations in Engineering and Technology, Manuscript ID: IRJIET401005 Vol.4, Issue 1, PP 17-19, January 2020, ISSN (Online):2581-3048
4. Dhawale V. R., Sisodiya A. K., Yadao K.N., "An Analytical Study on Cloud Computing" Published in International Journal of Engineering Technology and Management Research, Vol.6, Issue 12, December 2019, ISSN :2454-1907, DOI: 10.5281/zenodo.3604619
5. Dhawale V. R., Nikita Pratap, Nikita Rithe, "Augmented Reality in Education: Review of Current Technology", Published in e-journal of International Research Journal of Innovations in Engineering and Technology, Manuscript ID: IRJIET312011 Vol.3, Issue 12, PP 52-55, December 2019, ISSN (Online):2581-3048
6. Dhawale, V.R.; Tidke, J.A.; Dudul, S.V., "A New Approach to Pollen Classification using Computational Intelligence", Published in International Journal of Innovative Research in Computer and Communication Engineering, Vol.5, Issue 1, January 2017, ISSN (Online):2320-9801, ISSN (Print): 2320-9798.
7. Dhawale, V.R.; Tidke, J.A.; Dudul, S.V., "DEVELOPMENT OF JORDAN ELMAN NEURAL NETWORK FOR CLASSIFICATION OF POLLEN GRAINS USING HISTOGRAM BASED FEATURES", Published in International Journal of Innovative Research in Computer and Communication Engineering, Vol.4, Issue 11, Nov. 2016, ISSN (Online):2320-9801, ISSN (Print): 2320-9798.
8. Tidke J.A., Rajurkar A. V., Dhawale V.R., "SCANNING ELECTRON MICROSCOPIC STUDIES ON POLLEN MORPHOLOGY OF BAUHINIA (CAESALPINIACEAE)" in Indian Journal of Fundamental and Applied Life Sciences. ISSN: 2231-6345 (Online), An Online International Journal, 2012, Vol. 2(1) January- March, pp.145-151

B) Research Papers Published in the Refereed Proceedings of International Conferences

1. Dhawale, V.R.; Tidke, J.A.; Dudul, S.V., "Efficient Classification of Pollen Grains Using Computational Intelligence Approach", IEEE's International Conferences for Convergence of Technology (I2CT), 2014, Pune Page(s): 1 – 6, on April 6-8, 2014. Print ISBN:978-1-4799-3758, DOI:10.1109/I2CT.2014.7092120
2. Dhawale, V.R.; Tidke, J.A.; Dudul, S.V., "Neural Network based Classification of Pollen Grains", International Conference on Advances in Computing, Communications and Informatics (ICACCI), 2013, Mysore Page(s):79 – 84. 22-25 August 2013, DOI:10.1109/ICACCI.2013.6637150
3. Dhawale, V.R.; Tidke, J.A.; Dudul, S.V., "Image Segmentation for Pollen Classification using Image Processing Tool" in International Symposium and XXII Annual Conference of Indian Association for Angiosperm Taxonomy on Innovative Prospects in Angiosperm Taxonomy (ISIPAT-2012) held on October 28-30, 2012 organized by Department of Botany, Sant Gadge Baba Amravati University, Amravati. ISBN: 0976-8688

C) Research Papers Published in the Refereed National journal

1. Dhawale, V.R., "Study of Advances in Artificial Intelligence and Deep Learning" in National Conference on Emerging Trends in Science(NCETS) 2019 and published in UGC Approved International E- Research Journal 'RESEARCH JOURNEY' having Impact Factor – (SJIF) – 6.261, (CIF) – 3.452(2015), (GIF)–0.676 (2013), Special Issue 110 ©-Computer Science, ISSN :2348-7143, February-2019; website:www.researchjourney.net
2. Dhawale, V.R.; Tidke, J.A.; Dudul, S.V., "Development of Efficient Algorithm for Classification of Pollen Grains using Computational Intelligence Approach" in 102nd Indian Science Congress "Science & Technology for Human development" 2015 organized by University of Mumbai, Mumbai held on 3 -7 January 2015.

D) Research Papers Published in the Refereed Proceeding of National Conference

1. Dhawale V. R., "Impacts and effects of online classroom: A case study of management institute", Proceeding of National Conference on Recent Trends & Innovations: In Commerce & Management, Computer Science & Education, April 16, 2022.
2. Dhawale, V.R.; Tidke, J.A.; Dudul, S.V., "Reliable Classification of Pollen SEM Images Using Walsh-Hadamard Transform based Features and Neural Network Approach" Proceedings of National Conference on Recent Initiative towards Green Electronics

(NCRIGE), 2013, Feb. 8 – 9, 2013, Amravati Page(s):267 – 278. ISBN-978-81-922256-9-2.

3. Dhawale, V.R.; Tidke, J.A.; Dudul, S.V., “**An Innovative Soft Computing based method for Pollen Classification**” in National Conference on ‘Smart India vision 2020 – Innovations in Computer Applications, Management and Commerce’ organized by Vidya Bharati Mahavidyalaya, Amravati held on **February 18, 2017, ISSN: 2319-4979**
4. Raghuwanshi K.P.; Dhawale V. R., “ Review: Software testing in present IT industry scenario” in National Conference on “ Advanced Technologies in Computing & Networking (ATCON -09) held on 13-14 Nov. 2009 at Amravati jointly organized by MAMI, Ahmednagar and PG Department of Computer Sc. & Tech., DCPE (Autonomous College), HVPM, Amravati.

FDP/STTP/ SHORT TERM COURSES/WORKSHOPS/SEMINARS CONFERENCES ATTENDED

S.NO.	Title of Program	Year
1	Participated in IP Awareness/ Training program under National Intellectual Property Awareness Mission jointly organized by Intellectual Property Office, India and Vidya Bharati Mahavidyalaya, Amravati on 11 th Jan. 2022	2022
2	Attended Webinar on “Addressing Skill Gaps to Create Employable Graduates” organized by Edx and AICTE, Dr. Sahastrabudhe, AICTE Chairman and Dr.De, CVP & CTO of Samsung R & D Institute, India, Mr. Amit Goyal, Head of India & SE Asia (Edx Havards) and Dr. Puniya, Vice-chairman, AICTE were the speakers Dt: 24 th June 2021	2019
3	Attended Webinar on “Soft Computing Techniques” organized by AICTE, Expert: Lini Mathew Dt:15 th July 2021	2021
4	Participated in Five Days Online Faculty Development Program (FDP) organized by AICTE’s ATAL academy on IOTAA, Dt: 5 th & 6 th Oct 2020	2020
5	Participated in One day National Level Webinar on “ICT Tools for Online Teaching & Learning” organized by Vidya Bharati Mahavidyalaya, Amravati on 5 th October 2020	2020
6	Attended State Level Workshop on “Reforms in Teaching and Evaluation Methods in Higher Education” Dt: 11 th January 2020	2020
7	Attended Workshop on “Intellectual Property Rights” by Adv. Swapnil Gawande (Patent Consultant) Dt: 18 th January 2020	2020
8	Attended Workshop on “NBA document preparation” by Dr. Siddhique, Dr. Ambedkar College, Nagpur Dt:11 th December 2019	2019
9	Attended Short Term Training Program on “Outcome based Education: Teachng-learning process & NBA Evaluation” organized by Department of Information Technology, PRMIT&R, Badnera on dt: 5 th & 6 th December 2019	2019

10	Attended AICTE workshop on “Norms, Standards, Best Practices and AICTE reforms in Technical Education in India” at SGBAU. Prof. Sahastrabudde and Prof. Malkhede, Advisor RIPD, AICTE was Guest of Honor and Expert Speakers Dt: 19 th August 2019	2019
11	Workshop on NBA Accreditation Process organized by SSBT Engg College, Jalgaon on 24 th July 2019	2019
12	Participated in National Seminar on “Revised Accreditation Framework and Institutional Preparation: An Overview” organized by IQAC, Vidya Bharati Mahavidyalaya, Amravati on 9 th March 2019	2019
13	Participated in Words Worth English Language Lab, Product Orientation Program on 30 th and 31 st October, 2018	2018
14	Participated in a two-day National Level Workshop on “NBA Orientation Workshop – Movement for Quality Education” organized by Zeal Education Society, Pune on 30 th and 31 st Oct. 2017	2017
15	Participated in a one-day University Level Workshop on “Pursuing Research in New Contexts at SGBAU, Amravati” under the Internal Quality Assurance Cell of the College conducted on 12 th August 2017	2017
16	Participated in workshop on “ Patent and Intellectual Property Management” organized by Patent Cell of Sant Gadge Baba Amravati University, Amravati on 7 th Feb. 2013	2013
17	Attended National level Seminar on “Information Technology Revolution and Human Resource Management”.	2012
18	Attended State level HR Meet: “Opportunities and Challenges in IT industry” organized by Management Association of MCA Institutes, Ahmednagar on 27 th Nov. 2010	2010
19	Participated in ISTE workshop on “Effective Teaching/ Learning of Computer Programming” organized by CDEEP, IIT, Bombay (Mumbai) during 14 th to 24 th Dec 2009	2009
20	Poster Presentation on “Computational Analysis of Human DNA Sequence & Tools” at International Conference held at Dept. of Botany, Amravati University 2004-05	2005
21	Attended Workshop on “Post Accreditation Policy Planning” organized by Vidya Bharati Mahavidyalaya, Amravati. – 23 rd Oct. 2004	2004
22	Attended National level seminar on “E-commerce and E-governance” organized by Faculty of Commerce, Vidya Bharati Mahavidyalaya, Amravati sponsored by UGC. – 22 nd Jan. 2004	2004
23	Attended Faculty Development Programme (FDP) organized by MCED in collaboration with Directorate of Industries and under the sponsorship of Department of Science & Technology, New Delhi. – 7 th to 18 th October 2003	2003
24	Attended National level seminar on “Information Technology Revolution and Human Resource Management” organized by Vidya Bharati Mahavidyalaya, Amravati sponsored by UGC. – 11 th and 12 th Jan. 2002	2002

Invited Lectures

Sr.No.	University	Details	Title	Date & Place
1	Jai Narain Vyas University, Jodhpur, Rajasthan	Online FDP course on E-Content and IOT Development and Delivery	Use of Online Meeting Platforms in Teaching-Learning	4 th March 2022
2	Jai Narain Vyas University, Jodhpur, Rajasthan	Refresher Course (online) on E-resources & ICT in Quality Teaching & Research	Use of Online Meeting Platforms in Education	31 st Jan 2022

Achievements at Work

- Formation of Society of Information Technology (Students Council)
- Organized campus placement drives for the students of MCA department. The prominent IT companies called for campus includes Tech-Mahendra, Amdocs, Syntel, Persistent, Kennovation and others.
- Organized Personality development workshops for students of MCA department.
- Successfully completed college website www.vbmv.ac.in and www.vbirsm.org
- Worked as Moderator/Paper Setter/ Evaluator at Examination Department, SGBAU, Amravati for MCA exams
- Successfully conducted Online PAT examination organized by SGBAU, Amravati in the year 2009.
- Guide and In-charge for Projects and Seminars of MCA students.
- Successfully Conducted Online Examination for HSC Board, Pune, Maharashtra.
- Developed an attitude of finding solutions for new Challenges.