

# Curriculum Vitae

**Dr. Irfan Kamaruddin Mujawar**

**M.Sc., NET, SET, Ph.D, M.B.A. (HRM)**

**Assistant Professor (CHB)**

**Vivekanand College, Kolhapur (Autonomous).**

## **Contact Details: -**

### **Permanent Address:**

At-Malawadi(Shivajinagar), Po-Bhilawadi  
Tal-Palus, Dist-Sangli,  
Maharashtra, 416303.

### **College Address:**

Shri. Swami Vivekanand Shikshan Sanstha's  
Vivakanand College, Kolhapur (Autonomous)  
C.S. No 2130 "E" ward,  
Tarabai Park, Kolhapur – 416 003.

**E-mail ID: -** [mujawarirfan@gmail.com](mailto:mujawarirfan@gmail.com)

[mhdirfanmujawar@gmail.com](mailto:mhdirfanmujawar@gmail.com)

**Blog Name: -** [mhdirfanmujawar.blogspot.com](http://mhdirfanmujawar.blogspot.com)

**Mobile: -** (+91) 9890833573, (+91) 8530804020

## **Academic Details: -**

- **Ph.D. [Computer Science] degree** awarded from **Shivaji University, Kolhapur** on **28<sup>th</sup> January, 2022.**
- Qualified **SET** exam in Computer Science & Applications held in **September, 2015.**
- Completed **M.B.A (HRM)** in **May, 2015** with **First Class** from **Alagappa University, Karaikudi, Tamilnadu.**
- Qualified **NET** exam in Computer Science & Applications in **June, 2012.**
- Completed **M.Sc. (Computer Science)** in **July, 2008** with **First Class** from **T.C. College, Baramati, Pune University.**
- Completed **B.C.S.** in **July, 2006** with **First Class** from **Smt. K.W.C. College, Sangli, Shivaji University.**

## **Teaching Experience and Appointments: -**

### **Total 14 years of Teaching Experience**

<b>College/Institution Name</b>	<b>Designation</b>	<b>Appointment Date</b>	<b>Nature of Appointment</b>	<b>Total Experience</b>
Vevekanand College, Kolhapur	Assistant Professor	25/07/2016-till date	Contract Basic/CHB	7+ years
Sangola College, Sangola	Assistant Professor	18/07/2014-30/04/2016	Contract Basis	2 years
T.C. College, Baramati	Assistant Professor	03/07/2009-31/05/2014	Contract Basis	5 years

## Areas of Interest: -

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**Research Area:- Expert Systems, Fuzzy Logic, Machine Learning**

**Subjects: -** Distributed DBMS, Relational DBMS, Design Patterns

**Programming Languages: -** C, C++, Java, PHP, Python, Kotlin

**RDBMS Environment: -** My-SQL.

## Memberships:-

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- Life Member of The Indian Science Congress Association (ISCA-Membership Id- L33479)
- Member of International Association for Engineers (IAEng- Membership Id- 189709)
- Member of Computer Science Teachers Association(CSTA- Membership Id-46337380)

## Research Profile:-

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Research Gate Profile:

<https://www.researchgate.net/profile/Irfan-Mujawar-2>

Research Interest: 85.4

Publications: 09

Recommendations: 07

Citations: 44

h-index: 03

Reads: 5883

Google Scholar Profile:

<https://scholar.google.com/citations?hl=en&user=PkXk3O8AAAAJ>

Publications: 08

Citations: 36

h-index: 03

i10-index: 01

## Extension work in the field of Research:-

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- Worked as reviewer at 3rd International Conference on “Intelligent Systems, Cognitive Science and Knowledge Engineering 2023”, Organized by Department of Computer Science and IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, India on 8th-9th May, 2023.
- Working as reviewer at IAES International Journal of Artificial Intelligence (IJ-AI) (Scopus Indexed) (Impact Factor-2.3)
- Worked as reviewer at 3rd International Conference on “Multidisciplinary Approach In Basic and Applied Sciences (MABAS-2023)”, organized by Padmabhushan Dr. Vasantraodada Patil Mahavidyalaya, Tasgaon on 23rd -24th February, 2023.

## **Intellectual Property Contribution : - (2)** \_\_\_\_\_

**Indian Patent:** (Application Number-**202121003841**, Application Type- Ordinary)

**Title of Invention-** A SYSTEM FOR ASSESSING SYMPTOMATIC RISK, DIAGNOSING, AND CLASSIFICATION OF DIABETES

**Status-** **Filed and Published**

**Australian Patent:** (Application Number-**2021102973**, Application Type- Innovation)

**Title of Invention-** A SYSTEM FOR ASSESSING SYMPTOMATIC RISK, DIAGNOSING, AND CLASSIFICATION OF DIABETES

**Status-** **Granted**

## **Research Paper Published at International Level: - (7)** \_\_\_\_\_

1. P N Deorukhakar, V B Waghmare, I K Mujawar and R Y Patil. Speech Recognition for People with Disfluency: A Review. International Journal of Computer Applications 185(4):25-30, April 2023.
2. Patil, R. Y., Gulvani, S., Waghmare, V. B., & Mujawar, I. K. (2022). Image based anthracnose and red-rust leaf disease detection using deep learning. TELKOMNIKA (Telecommunication Computing Electronics and Control), 20(6), 1256-1263. (**Scopus Indexed, Impact Factor: 2.9**)
3. R Patil, S Gulvani, V Waghmare, I Mujawar," Detection of Leaf Disease using Residual Neural Network", International Journal of Mechanical Engineering, Vol. 7 No. 2 February, 2022. (**Scopus Indexed**)  
  
K. P. Mali , Dr. B. T. Jadhav , Dr. I. K. Mujawar , Study of Diabetic Retinopathy Detection Using Deep Learning Techniques, International Research Journal of Humanities and Interdisciplinary Studies (www.irjhis.com), ISSN : 2582-8568, Special Issue, March 2022 International Conference Organized by V. P. Institute of Management Studies & Research, Sangli (Maharashtra, India), Page No : 208-216.
4. Mujawar, I. K., and B. T. Jadhav. "Web-based Fuzzy Expert System for Diabetes Diagnosis." International Journal of Computer Sciences and Engineering, Volume-7, Issue-2, Feb 2019.
5. I K Mujawar, B T Jadhav and Kapil Patil. Web-based Fuzzy Expert System for Symptomatic Risk Assessment of Diabetes Mellitus. International Journal of Computer Applications 182(3):5-12, July 2018.
6. Mujawar, I. K., and B. T. Jadhav. "Comprehensive Study On Web Based Expert Systems For Disease Diagnosis And Treatment." International Journal of Computer Engineering and Applications 11.X (2017): 9.

7. I K Mujawar and B T Jadhav 'Need to Design and Develop a Fuzzy Algorithm for Diabetes Diagnosis', International Journal of Research in Computer Science and Information Technology, Volume-2, Issue-2, 2014.

### **Research Paper Presented at International Level: - (4)** \_\_\_\_\_

1. Research paper titled "Study of Diabetic Retinopathy Detection Using Deep Learning Techniques", presented at International Conference Organized by V. P. Institute of Management Studies & Research, Sangli (Maharashtra, India), held in March 2022.
2. Research paper titled "Development of Diabetes Diagnosis System with Artificial Neural Network and Open Source Environment", presented at IEEE International Conference on Emerging Smart Computing and Informatics (ESCI), organized by AISSMS IOIT Pune, held on 5<sup>th</sup>- 7<sup>th</sup> March, 2021. (**Scopus Indexed**)
3. Research Paper titled "Review on Diabetic Retinopathy Detection Using Deep Learning Techniques", presented at International Conference on Emerging Trends and Challenges in Electronics and Computing (ETEC-2021) organized by YCIS Satara, held on 4<sup>th</sup>-5<sup>th</sup> March, 2021.
4. Research paper titled 'Online approach for Diabetes Diagnosis and Classification with Expert System Modules using Fuzzy Logic', presented at IEEE International Conference on Innovative Technology for Humanity, IEEE PuneCon2019, organized by MIT World Peace University, Pune, IEEE Pune Section, held on 18<sup>th</sup> – 20<sup>nd</sup> December, 2019. (Conf. Rec. No:-46936XP) (**Scopus Indexed**)

### **Research Paper/Poster Presented at National Level: - (7)** \_\_\_\_\_

1. Research paper titled "Architecture and Dataset Design for Face Mask Detection for Student Entry Barriers in Educational Institute Premises" presented at on 'Advances in Computational Sciences" (ICACS-2022), organized by YCIS, Satara held on 20<sup>th</sup> and 21<sup>st</sup> May 2022.
2. Research paper titled 'Fuzzy Logic based miniature wearable electronic systems in Healthcare', presented at National Conference on Innovative Trends in Electronics and Allied Technology, organized by YCIS, Satara held on 23<sup>rd</sup> February, 2017.
3. Research paper titled 'Expert System Applications in Diabetes Diagnosis and Treatment: A Review' presented at Two Day National Conference on 'Emerging Trends in Computer Science and Applications' organized by MIT, Alandi held on 15<sup>th</sup> -16<sup>th</sup> January, 2016.
4. Research poster titled 'Review of Expert System Based Diabetes Treatment' presented at UGC sponsored National Conference on Advances in Wireless Sensor Network and Its Applications organized by S.M.College, Akulj held on 12<sup>th</sup> and 13<sup>th</sup> December, 2014.

5. Research paper titled 'Need to design and develop a fuzzy algorithm for Diabetes Treatment' presented at 3<sup>rd</sup> national conference (NI<sup>2</sup>SITM) organized by Sinhgad Institute of Computer Applications Korti, Pandharpur held on 5<sup>th</sup> and 6<sup>th</sup> March, 2014.
6. Research paper titled 'Uncertainty Assessment in System Modeling Process' presented at National Conference 'Sustainable Development- A Competitive Edge (Chintan)' organized by Sinhgad Business School, Erandwane, Pune held on 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> March, 2011.
7. Research paper titled 'Impact of Software Development Methodology over Productivity' presented at National Conference 'Knowledge Utsav' held on 28<sup>th</sup> August, 2011.

### **Participation in Academic Courses/Workshops/Seminars: - (33) \_\_\_\_\_**

1. Participated in the online course on "Geodata Processing using Python", conducted during 20-02-2023 to 24-02-2023 organized by Department of Space, ISRO and IIRS, government of India.
2. Attended and completed on week online FDP on "Machine Learning" organized by Department of IT, SIT, Lonavala, Pune from 7<sup>th</sup> to 11<sup>th</sup> December, 2022.
3. Participated in One-Day workshop on "Sanctity and Confidentiality of Examination" organized by Examination Department, Vivekanand College, Kolhapur (Autonomous) on 5<sup>th</sup> December, 2022.
4. Participated in the Teachers Training Program on "Climate Education and Green Campuses for a Safer Planet" Jointly organized by Department of Botany and IQAC of Vivekanand College, Kolhapur (Autonomous) and Climate Reality Project India, on 16<sup>th</sup> September, 2022.
5. Attended and completed One Week National Level Faculty Development Programme on "Python for Data Science", organized by Padm. Dr. V. B. Kolte Engineering College, Malkapur in association with ISTE Local Chapter, VBKCOE, Malkapur and The Institution of Engineers, India (IEI) Aurangabad Local Center during 27<sup>th</sup> May, 2022 to 31<sup>th</sup> May 2022.
6. Participated in workshop on "Blended Learning with LMS Moodle" under lead college scheme of Shivaji University Kolhapur and D.R.K. College of Commerce, Kolhapur organized by Department of Computer Science on 21<sup>th</sup> March, 2022.
7. Participated in One Day National Seminar on "Understanding Transgender (LGBTQAI) for Inclusive Society" organized by Sansthamata Smt. Sushiladevi Salunkhe Centre of Women's Studies and IQAC of Vivekanand College, Kolhapur (Autonomous) held on 8<sup>th</sup> March, 2021.

8. Participated in One Day Workshop on “Pos and Cos Mapping” organized by Exam Cell and IQAC of Vivekanand College, Kolhapur (Autonomous) held on 9<sup>th</sup> February, 2021.
9. Attended and participated Two Days Faculty Development Programme on “Stress and Anger Management” organized by Internal Quality Assurance Cell of Vivekanand College, Kolhapur (Autonomous) on 28<sup>th</sup>-29<sup>th</sup> January, 2021.
10. Attended One Day Basic Training Programme on “Human Rights” jointly organized by National Human Rights Commission, New Delhi and Kanya Mahavidyalaya Miraj on 15<sup>th</sup> January, 2020.
11. Attended One Day Workshop on “Writing Research Paper and Review of Literature” organized on 5<sup>th</sup> January, 2020 at Vivekanand College, Kolhapur (Autonomous).
12. Attended One Day Workshop on “Research Articles: Preparation and Publication” organized on 29<sup>th</sup> December, 2019 at Vivekanand College, Kolhapur (Autonomous).
13. Participated in the one Day Workshop on “Understanding IPR and Writing Research Paper” organized on 22<sup>nd</sup> December, 2019 at Vivekanand College, Kolhapur (Autonomous).
14. Participated in the One Day Faculty Development Programme on ‘Use of Modern Technology in Teaching Pedagogy’ held on Sunday, 15<sup>th</sup> December, 2019 at Vivekanand College, Kolhapur (Autonomous).
15. Coordinated and participated in ‘ A Short term Training Programme on Data Science with AIML’ organized by Vivekanand College, Kolhapur in collaboration with AMZ India from 16/12/2019 to 22/12/2019 at Vivekanand College, Kolhapur.
16. Completed the online course on ‘Geoprocessing using Python’ conducted by Indian Institute of Remote Sensing (IIRS), during July 22, 2019 to July 26, 2019 at IIRS outreach network centre, Vivekanand College, Kolhapur.
17. Participated in Two Day Workshop on ‘e-Content development for Enhancing Pedagogical Skills’ organized by Internal Quality Assurance Cell (IQAC) and Department of Computer Science on 18-19 March, 2019.
18. Participated in the National Seminar on ‘Development of Quality Culture in HEIs’ held on 15<sup>th</sup> March, 2019 at Vivekanand College, Kolhapur.
19. Participated in one day online workshop titled ‘Crowd Sourcing and Participatory GIS- One Day Online Workshop’, conducted by IIRS Outreach network centre, Vivekanand College, Kolhapur on 21/12/2018.
20. Participated in the Workshop ‘Understanding the Choice Based Credit System’ held on 24<sup>th</sup> June, 2018 at Vivekanand College, Kolhapur.

21. Participated and completed course on 'Geoinformatics for forest fire management' conducted by Indian Space Research Organization and Indian Institute of Remote Sensing from April 02, 2018 to April 07, 2018.
22. Participated in National Seminar on 'Socio-Economic Problems of Semi-Nomadic, Nomadic and Denotified Tribes' held on 22<sup>nd</sup> January, 2018 at Vivekanand College, Kolhapur.
23. Participated and completed course on 'Close Range Photogrammetry and terrestrial Laser Scanning' conducted by Indian Space Research Organization and Indian Institute of Remote Sensing from January 8, 2018 to January 12, 2018.
24. Participated in One Day Workshop on 'How to face UGC verification committee for Autonomy' held on 1<sup>st</sup> December, 2017 organized by IQAC , Vivekanand College, Kolhapur.
25. Participated in One Day Workshop on the theme 'Google Class Room' organized by New College, Kolhapur under the Lead College Cluster Scheme on 15<sup>th</sup> September, 2017.
26. Participated in the National Workshop on 'Popularisation of Remote Sensing Based Maps and Geospatial Information' organized by Indian Society of Remote Sensing and Indian Space Research Organization on the eve of National Remote Sensing Day on August 11, 2017.
27. Participated and completed the course on 'UAV Remote Sensing and Applications' conducted by Indian Society of Remote Sensing and Indian Space Research Organization from July 03, 2017 to July 07, 2017.
28. Participated in the One Day Workshop on 'E-Learning and Innovative Pedagogies' under the Lead College Activity under Shri Shahaji Chhatrapati Mahavidyalaya Cluster, Shivaji University Kolhapur, organized by Department of Computer Science, Vivekanand College, Kolhapur on 28<sup>th</sup> January, 2017.
29. Attended one day workshop on 'Animation: A Amazing World' under the Lead College Activity under Shri Shahaji Chhatrapati Mahavidyalaya Cluster, Shivaji University Kolhapur, organized by College of Non- conventional Vocational Courses for Women, Kolhapur on 24<sup>th</sup> December, 2016.
30. Attended One Day State level Workshop on 'World Class Research Paper Writing' at Sangola College, Sangola on October 9, 2014.
31. Coordinated and conducted a workshop on 'PHP-My SQL' for T.Y.B.Sc students organized with the help of spoken tutorials project, developed by IIT, Bombay funded by NMEICT, MHRD, Govt. of India on 19<sup>th</sup> December, 2012.
32. One day workshop on 'Discussion on new syllabus in theory and practical at T.Y.B.C.A' at T.C. College, Baramati on 29<sup>th</sup> December, 2010.

33. Participated and successfully completed a course on 'Communicative English and Personality Development' from 18<sup>th</sup> January, 2010 to 9<sup>th</sup> February, 2010.

**Other Activities/Participations/Contributions: - \_\_\_\_\_**

1. Conducted 'Crash Course in Python' in academic year 2022-23 at Department of Computer Science, Vivekanand College, Kolhapur (Autonomous).
2. Contributed in 'Certificate Course in Information and Computer Basics' for academic year 2021-22 at Department of Computer Science, Vivekanand College, Kolhapur (Autonomous).
3. Conducted 'Crash Course in Python' in academic year 2021-22 at Department of Computer Science, Vivekanand College, Kolhapur (Autonomous).
4. Contributed in 'Certificate Course in Information and Computer Basics' for academic year 2021-22 at Department of Computer Science, Vivekanand College, Kolhapur (Autonomous).
5. Conducted 'Integrated Software Development Course' for academic year 2019-20 at Department of Computer Science, Vivekanand College, Kolhapur (Autonomous).
6. Conducted 'Certificate Course in Information and Computer Basics' for academic year 2017-18 and 2018-19 at Department of Computer Science, Vivekanand College, Kolhapur.
7. Conducted 'Integrated Software Development Course' for academic year 2017-18 and 2018-19 at Department of Computer Science, Vivekanand College, Kolhapur.
8. Extending academic contribution by taking lectures in Information Technology and MIS at M.B.A Course (SUK, Distance Mode) run by Vivekanand College, Kolhapur.
9. Delivered lecture on 'Artificial Intelligence' at Lead College Workshop organized by Kamala College, Kolhapur on 16<sup>th</sup> February, 2018.
10. Delivered lecture for NET/SET coaching for M.Lib students organized by Library Department of Vivekanand College, Kolhapur.
11. Worked as coordinator for academic fest 'Gaiety' organized by Department of Computer Science, Sangola College, Sangola in 2015.
12. Worked as Paper setter, Examiner at Practical Exams, Paper Checking/Moderation at M.Sc., M.C.A., B.Sc., and B.C.A from 2009 to till date.
13. Extended contribution in Software solutions required for Colleges. (College websites, portals, blog etc.)

**Personal Details: -** \_\_\_\_\_

**Birth Date: -** 19<sup>th</sup> May, 1984.  
**Marital Status: -** Married  
**Religion: -** Muslim  
**Caste: -** OBC (339), (Non-Creamy Layer)  
**Language Proficiency: -** English, Marathi, Hindi.

**Other Details: -** \_\_\_\_\_

- **Got A++ grade in student feedback taken by Vivekanand College on online feedback system for Semester-II of academic year 2018-2019.**

**Declaration:-** \_\_\_\_\_

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

(Dr. I. K. Mujawar)