

# Curriculum Vitae

**Dr. TEJASHREE TEJPAL MOHAREKAR**

**MCA, NET, Ph. D**

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## Educational Qualifications

Degree	Year	School/Institute	Board/ University	Marks
NET (Computer Science & Applications)	June-2018	UGC-Delhi	UGC-Delhi	<b>Qualified</b>
PhD in Computer Application	March 2021	Shivaji University, Kolhapur	Shivaji University	<b>Awarded</b>
MCA -III	2013-14	VPIMSR, Sangli	Shivaji University	<b>91.40 %</b>
MCA –II	2012-13	VPIMSR, Sangli	Shivaji University	<b>81.92 %</b>
MCA -I(Commerce)	2011-12	VPIMSR, Sangli	Shivaji University	<b>78.28 %</b>
BCA (Commerce)	2010-11	VPIMSR, Sangli	Shivaji University	<b>79.06 %</b>
HSC (Science Stream)	2007-08	L. G. R. Purohit Kanya Prashala Sangli	Kolhapur Board	<b>67.17 %</b>
SSC (English medium)	2005-06	New English School, Miraj.	Kolhapur Board	<b>68.66 %</b>

## Ph.D Topic:

**Design and Development of Data Mining Model with special reference to  
Post graduate students of Shivaji University**

## Indian Patent Filed/Published:

Sr. No	Title of Patent	Application Id/Patent Id	Status
1.	AI Based Crop Yield Protection and Control with efficient use of Fertilizers using IoT	202141009208	Patent Filed Date: 05/03/2021
2.	Internet of Things based Smart security and home automation system	202141040226	Patent Published Date: 17/09/2021
3.	Artificial Intelligent And Cloud Based Conversational Robot For Blind People Assistance	202111054238	Patent Published Date: 03/12/2021
4.	Malware Detection Model for android using Machine Learning	202111037434	Patent Published Date: 03/09/2021

## Certification:

- **Certificate Program in Artificial Intelligence, Data Science and Analytics** offered by Meritorium Knowledge Academy
- **Business English Certificate (BEC)** of Cambridge University, UK duration 8 months. This includes achieving business knowledge and the different terms involved in Today's World of Business.
- Microsoft Certification named as **Microsoft Technology Associates** duration 4 months. This includes core knowledge of C#, ASP.net and Database Handling.

## Participation And Achievements:

- **3<sup>rd</sup> Rank** in the Merit order of Shivaji University, Kolhapur in 2014 (MCA)
- **4<sup>th</sup> Rank** in the Merit order of Shivaji University, Kolhapur in 2011 (BCA)
- Secured **A+** Grade in AIMS Programming Contest 2011 held by Jalgaon Institute of Management, Jalgaon.
- Secured **A** Grade in AIMS Programming Contest 2012 held by Jalgaon Institute of Management, Jalgaon.
- Certificate of Participation in “**Seed IT Idol Competition**” 2012 organized by Seed InfoTech Ltd.
- Certificate of Participation in “**Programming Test**” 2013 organized by SIBER Kolhapur.
- Worked as a volunteer in Quest 2013 Mega-Intercollegiate Competition 2013 in VPIMSR.
- Attended A Two Day UGC Sponsored **National Seminar on Recent Trends in Information Technology** (NS-RTIT-2015) on 6th – 7th March. 2015 at SIBER Kolhapur.
- **Himalaya Publishing House** has accepted to publish my research paper in the form of a book which was submitted in National Seminar on Recent Trends in Information Technology (NS-RTIT-2015).
- Attended in Cycle Rally which aims at “**BETI BACHAO BETI PADHAO**” on Woman’s Day 8<sup>th</sup> March 2015.
- Participated in **National Digital Literacy Mission (NDLM) 2015** online exam held in Nav Krishna Valley School.
- Participated in **On-CET 2015 PROCESSFOLIO** online exam held in Nav Krishna Valley School.

## Special Skills:

- Good knowledge of software development concepts.
- Data Science and Machine Learning

- Goal Oriented, Positive and Supportive.
- Good interpersonal skills, hard working and zeal to learn new technologies.

## Interest:

- Organizing various cultural events & Won Prizes.
- Participating in Programming tests.
- Reading books of subject.
- Knowledgeable Data surfing.
- Reading Research papers related to recent technology.

## Research Activities:

INTERNATIONAL SEMINAR/CONFERENCE RESEARCH PAPER			
1.	Data Mining Applications in Banking  (Satara)	International Journal Of Multifaceted and Multilinal Studies  Pg.No. 330-335	ISSN  2394-207X
2.	R: Data Mining Tool And Its Applications	<b>International Journal of Advanced Computer Technology &amp; Management (IJACTM)</b>  <b>Volume: I Issue: I May.2016</b>	<b>ISSN : 2343-662X</b>
3.	Parametric Comparative Study of Educational Data Mining Tools	Second International Conference on Commerce & Management on “Development Through Transformation: Prospects for Inclusive Growth”  <b>30<sup>th</sup> and 31<sup>st</sup> Jan 2017</b>  <b>(Dept of Commerce &amp; Management, SUK)</b>	

**NATIONAL SEMINAR/CONFERENCE RESEARCH PAPER**

<p align="center"><b>4.</b></p>	<p align="center">EDUCATIONAL DATA MINING...TODAY AN EMERGING FIELD  PAGE NO. 189-192  <b>(KOLHAPUR)</b></p>	<p align="center">UGC SPONSORED NATIONAL SEMINAR ON RECENT TRENDS IN INFORMATION TECHNOLOGY (NS- RTIT-2015)</p>	<p align="center"><b>978-93-5202-735-4</b></p>
<p align="center"><b>5.</b></p>	<p align="center">Moodle LMS in Higher Education  Page No. 130-135  <b>(Hatkanangale)</b></p>	<p align="center">Enhancing quality education and environment consciousness through IQUC in colleges in the colleges</p>	<p align="center"><b>978-93-82028-82-6</b></p>
<p align="center"><b>6.</b></p>	<p align="center">Big Data: Machine Learning Library On Apache Spark</p>	<p align="center">National Conference Poster Presentation  <b>(Dept of Technology, SUK)</b></p>	
<p align="center"><b>7.</b></p>	<p align="center">Demonetization Through Cashless Economy In India</p>	<p align="center">ICSSR Sponsored Two Day National Seminar On <b>“Recent Trends In Commerce And Management Education : Prospects, Opportunities And Challenges”</b></p>	
<p align="center"><b>8.</b></p>	<p align="center">Innovations in Teaching Learning Methodology for 21<sup>st</sup> Century</p>	<p align="center"><b>“Curriculum Reforms in Higher Education: Global Scenario”</b>  <b>Organized by: Shivaji University, Kolhapur, India.</b></p>	

9.	Outcome based Incentive model	<b>“Curriculum Reforms in Higher Education: Global Scenario”</b>  <b>Organized by: Shivaji University, Kolhapur, India.</b>	<b>ISSN-2278-5655</b>  <b>UGC Approved</b> <b>Journal No:</b> <b>48178,48818</b>  <b>Impact Factor-5.18</b>
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10.	<b>ROLE OF AGRITECH START-UPS IN INDIA</b> Dr. Tejashree T. Moharekar Dr. Ashok P. Jadhav, Dr. Tejpal J. Moharekar UGC-Care list Journal of the Maharaja Sayajirao University of Baroda 56 (V), 23-29		
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11	<b>ROLE OF FINTECH IN INDIA</b> UGC-Care list Journal of the Maharaja Sayajirao University of Baroda Department of Mathematics, Shivaji University, Kolhapur		
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**BOOK PUBLICATION**

12.	Book:  <b>ADVANCE JAVA</b>  <b>(GHANA)</b>	<b>TEXT BOOK</b>  DR. URMILA R. POL,  MISS TEJASHREE SAWANT	<b>Shiv-India Institute of management &amp; technologySIIMT- Accra, Ghana</b>  <b>978-9988-2-863-4</b>
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13.	Book:  <b>SOFTWARE PROJECT MANAGEMENT</b>  <b>(GHANA)</b>	<b>TEXT BOOK</b>  DR. URMILA R. POL,  MISS TEJASHREE SAWANT	<b>Shiv-India Institute of management &amp; technology</b>  <b>SIIMT-Accra, Ghana</b>
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14.	Book:  <b>FOUNDATION OF PYTHON</b>	<b>TEXT BOOK</b>  DR. URMILA R. POL,  MISS TEJASHREE SAWANT	<b>In Process</b>
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**WORKSHOP**

15.	<p align="center"><b>“Workshop on Big Data Hardware and Software Infrastructure and Analytics”</b></p> <p align="center">Venue: Pune</p> <p align="center">Date: 3rd , 4th , 5th March 2016</p> <p><b>Details of Workshop:</b> Workshop on Big Data Hardware and Software Infrastructure and Analytics includes various big data concepts and its implementation on Hadoop, Pig, HIVE etc</p>
16.	<p align="center">Worked as a Workshop Coordinator for 5 Day Workshop on Business Intelligence through powerBI and Digital Marketing</p>
<b>FACULTY DEVELOPMENT PROGRAM (FDP)</b>	
17.	<p align="center">Three day's Faculty Development Programme (FDP) on <b>"Research Methodology for Computer Science and Bioinformatics"</b>, Which is held on <b>6th, 7th and 8th of January 2016</b> at the AIMIT-St Aloysius College, Beeri Campus through the BIF of St Aloysius College (<b>Mangalore</b>)</p>
18.	<p align="center"><b>Faculty Development Program on Cyber Security</b> organized by MHRD in Coperation with RUSA Maharashtra in Shivaji University, Kolhapur</p>

## **BOOK CHAPTER**

- Dr. Tejashree U. Sawant, Dr. Urmila .R. Pol (2021). A CASE STUDY ON MACHINE LEARNING TO PREDICT STUDENT RESULT IN HIGHER EDUCATION. In Handbook of Machine Learning for Computational Optimization: Applications and Case Studies. U.K: CRC, Taylor and Francis Group.
- TEXTBOOK OF DEEP LEARNING Ms. S. Rani Dr. Dhiren Pandit, Mr. M.Praneesh, Dr. Sujatha Gaddam, Dr. Fahimuddin Shaik, Dr. Tejashree Tejpal Moharekar, Dr. A. Clementking

## **PUBLICATIONS IN THE YEAR 2020-2022**

1. Moharekar Tejashree, P. U. (2021). Academic Performance Prediction Application (APPA). Scopus: YMER , 179-196.
2. Pol Urmila, S. T. (2021). Automl: Building A Classification Model With Pycaret. Scopus : YMER , 547-552.

3. Pradeep Verma, B. K. (2021). The Compensations and Downsides of Artificial Intelligence and Machine Learning. Scopus: Design Engineering , 2780-2788.
4. Tejashree U Sawant, U. R. (2019). EDUCATIONAL DATA MINING PREDICTION MODEL USING DECISION TREE ALGORITHM. International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN: 2349 , 306-313.
5. Tejashree U Sawant, U. R. (2019). Student Placement Prediction Model using Gradient Boosted Tree Algorithm. Journal of Emerging Technologies and Innovative Research .
6. ROLE OF AGRITECH START-UPS IN INDIA Dr. Tejashree T. Moharekar Dr. Ashok P. Jadhav, Dr. Tejpal J. Moharekar UGC-Care list Journal of the Maharaja Sayajirao University of Baroda 56 (V), 23-29
7. ROLE OF FINTECH IN INDIA UGC-Care list Journal of the Maharaja Sayajirao University of Baroda Department of Mathematics, Shivaji University, Kolhapur

## **AWRADS AND ACHIEVEMENT**

1. Awarded with Dr. Babasaheb Ambedkar National Research Fellowship 2015
2. Awarded with National Sanvidhanik Vidya Vibhushan Puraskar 2022

### **Personal Details:**

Name	Dr. Tejashree Tejpal Moharekar
Date of Birth :	2 February 1990
Gender :	Female
Marital status:	Married
Nationality:	Indian
Address for communication:	'Chadraroop' Bunglow, Near Jain Temple Besides Reliance Tower, RK Nagar Kolhapur 416 013
Contact no:	7066938330
Languages Known :	English, Hindi, Marathi.

### **REFERENCES**

1. **Dr. S. S. Mahajan**, Dean Faculty of Commerce and Management Head of Commerce and Management Department Shivaji University, Kolhapur
2. **Dr. P. S. Patankar**, Head & Head and Professor Department of Education Shivaji University, Kolhapur.
3. **Jayant Ramteke**, Director Meritorium Knowledge Academy. Mumbai



## **Declaration**

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

**Place: Kolhapur**

**Date:**

**Dr. Tejashree Tejpal Moharekar**