

CURRICULUM VITAE

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Head of Computer Engineering Department and Assistant Professor,
SVPM's College of Engineering, Malegaon(Bk)- Baramati.



PhD (Artificial Intelligence- Machine Learning) Pursuing,
ME CSE, BE Computer.

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Objective : To Lead Technology Creations.
Birth Date : 27th May 1982.
Age : 35 years.
Sex : Male.
Area of Interest : Artificial Intelligence, Machine Learning, Web Technology, Cryptography.
Languages Know : Marathi, Hindi and English.

Certifications

1. Sun Certified Java Programmer 1.4 (SCJP 1.4)
2. Sun Certified Web Component Developer (SCWCD)
3. Huawei Certified Academic Instructor (HCAI)
4. HCIA –Artificial Intelligence Certified

Patent

Application ID	Title	Status
2017 2 1 0 0 0746	IoT Based Student Safety cloud System	Published

Research Proposal Details

Sr. No.	Title	Submitted to	Date	Fund Requested	Fund Granted	Status
1	IoT Based Child Safety Cloud System	BCUD Pune	30 Dec 2017	278000.00	-	Submitted
2	IoT Based Smart Agriculture System	BCUD Pune	30 Dec 2017	278000.00	-	Submitted

Developed Projects

1. Sales Prophecy

This web based application is developed for industry to track marketing team target tracking. Season wise automated target generation according to last year season record for each marketing person. Also prediction of next year target for each person is done automatically

Platform: -JAVA, jsp, servlet

Special Feature : It uses three machine learning algorithms Regression Analysis and Artificial neural network.

Role: Developer

2. Teachers Performance analyzer

This web based application is developed for engineering college where student attendance, feedback for each subject about teachers teaching and result of student is recorded and then by applying mining algorithms it tracks the teachers performance

Platform: -JAVA, jsp, servlet

Special Feature : It uses three machine learning algorithms Naive Bayes, C4.5 and Artificial neural network.

Role: Developer

3. Legacy To web 2.0 Convertor(ME Project)

This is the s/w tool implemented for converting legacy(Old Website designed in Web 1.0) to Web 2.0.

Platform : Java

Role: Developer

4. Empirical Web Analysis Tool

This is the s/w tool implemented for checking quality of web site on different parameters.

Platform : Java and as well as in c#.net

Role: Developer

5. Online Banking.

This project was specially as a web application for bank. It facilitate for various transactions of bank to do online like deposit, loan management, transfer, various bill payments online.

Platform: -JAVA, jsp, servlet ,Struts.

Database:- Oracle 10g

Role: Developer

6. Uninterrupted Login

This project gives an uninterrupted login for user. It creates back database in XML Files for logged in user so that even if Database Server failed then also logged user can do transaction which will happen on XML Files.

Platform: -JAVA, jsp, servlet, Struts, XML. Database: - Oracle 10g/SQL Server

Role: Developer

7. Automatic website generator

This project take database of particular web application as input and on a single click creates web site. Actually this is for doing redundant task like add, modify delete etc. automatically for all tables in the given web application database.

Platform: -JAVA.

Database:- Oracle 10g/SQL Server/MySQL

Special Feature : It generates website automatically with same as website can be generated using Struts 1.1

Role: Developer

8. Web restructuring tool

This project takes search query from user, fire search on google search engine. Retrieves the result fro google search engine and cluster the result semantically and then produce it to user. This web application helps user for intend based searching.

Platform: -JAVA, jsp, servlet

Special Feature : It users KMeans clustering to group different intents on searched query

Role: Developer

9. <http://www.malegaonsugar.com>

eTendering Web Application for Malegaon Sugar Factory

Platform : .net (ASP.net and C#.net), Html, Javascript, css, jqurery

Special Feature : E-Tendering, E-Auction, Sales Auction, Reports, Data Backup

Role: Designer & Developer

10. <http://www.nehatourism.com/>

Tourism web application having facility to search hotels or bungalows for weekend tourism

Platform : .net (ASP.net and C#.net), Html, Javascript, css, jqurery

Special Feature : details information including photos of hotels or bungalows.

Admin panel to update information

Role: Designer & Developer

11. <http://mytrans.in/>

Vehicle rental web application.

Platform : .net (ASP.net and C#.net), Html, Javascript, css, jqurery

Special Feature : Fleet, vehicle booking facilities

Role: Designer & Developer

12. <http://engg.svpm.org.in>

SVPM's COE Malegaon(Bk) Website

Platform : Html, Javascript, css, jqurery

Role: Designer & Developer

13. [http:// http://ite.svpm.org.in/](http://ite.svpm.org.in/)

SVPM's Polytechnic college, Malegaon(Bk) Website

Platform : Html, Javascript, css, jqurery

Role: Designer & Developer

14. <http://medicosguild.com/>

Doctors association website.

Platform : C#.net and ASP.net with SQL Server 2005 database server

Role: Designer & Developer

15. bhogawatisugar.com

A sugar factory website

Platform : C#.net and ASP.net with SQL Server 2005 database server

Role: Designer & Developer

16. <http://eutech-systems.com/>
A manufacturing company Website
Platform : C#.net and ASP.net with SQL Server 2005 database server
Role: Designer & Developer

17. <http://intactautomation.com>
Website of automated solutions providing company
Platform : C#.net and ASP.net with SQL Server 2005 database server
Role: Designer & Developer

18. First Year Admission Automation for Engineering college
Platform : Visual Basic
Database:- Oracle 8i
Role: Developer

Memberships

1. Computer Society of India (Life Member No.: I1503086)
2. Life Member of ISTE

Book Published

1. Title -"Principles of Modern Compiler Design (BE Comp.)"
Published by – Nirali Prakashan
As Per New Revised Syllabus of Savitribai Phule Pune University,
Pune. ISBN 978-93-5164-705-8

Work Experience

1. Currently Working as Head of Computer Engineering Department and Assistant Professor at SVPM's College of Engineering, Malegaon(Bk)
2. About 13 years Full Time at SVPM's COE Malegaon(BK) as Assistant Professor /Lecture in Computer Department from 1st Aug 2005 till date.
3. 01 Year Ad-hoc at SVPM's COE Malegaon(BK) as Lecture in IT Department in 2004-2005

Total 14 years of experience of working as a Assistant Professor and Lecturer in College Of Engineering Malegaon (BK).

In this experience I have taught following subjects.

Class		Subject
BE Computer	1.	Artificial Intelligence
	2	Principles of Compiler Design
TE Computer	1.	Principles of Concurrent and distributed Programming
	2.	Web Technology
	3.	System Programming
	4.	Software Engineering
SE Computer	1.	Data Structures
	2.	Programming and Problem Solving
	3.	Computer Organization,
	4.	Electronic Devices and Circuits
BE IT	1.	Mobile Computing
TE IT	1.	System Software

	2.	Database Management System
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In this experience I have conducted practical of following Labs.

Class	Subject	Language & Platform
BE Computer	Computer Lab-I(Compile Construction)	Lex & Yacc
	Operating system	On Linux Platform
TE Computer	Web Technology Lab	Struts, Angular JS, JSP, Servlet, Ajax, Php, HTML, CSS Javascript, JQuery, mySQL
	Skill Development Lab	Java Util, AWT, Swing
	PL III	Cuda, Open CL, OpenMP, Lisp
	Software Lab (System Programs like Assembler, Microprocessor, DLL etc.)	C, Java(core & advanced), Visual Basic, C#.net, ASP.net
	Information System Lab (Database , Front End back end connectivity, Query etc)	SQL, Oracle 8i, 9i, 10g.
TE IT	End back end connectivity, Query etc)	Visual Basic
SE Computer	Data Structure Lab	C++
	Soft Skills	

Workshops Conducted

1. Worked as Resource person for MSBTE Sponsored Content Updating Program on "Advanced Web Development using .Net" at Vidya Pratishthan's Polytechnic College, Indapur.
2. A resource person for five Days workshop on "Core and Advanced Java" at COE Malegaon(Bk)
3. A resource person for two days workshop on "Web Development using ASP and C#" at Polytechnic college Malegaon.

Extra Curricular activities

1. Worked as **General Chair** for International Conference of Springer and Computer Society of India(Knowledge partner for conference) named "**International Conference on Data Engineering and Communication Technology (ICDECT 2016)**", held At Lavasa, Pune, March 2016
2. Worked as **Program Chair and reviewer** for "International Conference and Project Competition on Data Engineering and Communication Technology(**ICPCDECT 2016**)", held At Lavasa, Pune, March 2016
3. Worked as **Guest Editor** for Special Issue for ICPCDECT 2016, Volume 3 Issue 1 for the International Conference" International Conference And Project Competition On Data Engineering And Communication Technology (ICPCDECT 2016), March 2016
4. Worked as **reviewer** the paper titled "**Interest Analysis Based-on Knowledge Websites through User-browsing-behavior**" for the conference "**The 3rd International Conference on Fuzzy Systems and Data Mining(FSDM 2017)**"
5. Worked as **reviewer** the paper titled "**A novel method to highlight user's intention based on mining web browsing pattern**" for the conference "**The 3rd International Conference on Fuzzy Systems and Data Mining(FSDM 2017)**"
6. Developed a web application "**E-Tendering software**"
This is live "E-tendering" web application for **SVPM's Malegaon Sugar Factory**. <http://malegaonsugar.com>
7. Designed And Developed College of Engineering, Malegaon(Bk) Website "engg.svpm.org.in"
8. Designed And Developed Polytechnic College, Malegaon(Bk) Website "ite.svpm.org.in"

9. Working as administrator for SVPM's College of Engineering Website "engg.svpm.org.in"
 10. Worked as Finance Committee Chief Coordinator for "Rebel 2013", a national level Competitions held at SVPM's COE Malegaon(Bk.)
 11. Worked as Chief coordinator for "Chatanya 2012", program at COE.
 12. Worked as Local guardian for the Computer Department Students.
 13. Worked as Staff Coordinator for "Web Weaver" event of National Level Competition named "Rebel 2012" held at COE Malegaon (Bk).
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Papers Published

1. **Published Paper in Springer link titled, "Machine learning techniques for homomorphically encrypted data" in AISC series of Springer, 2020**
2. **"Teacher's Performance Analyzer"** in International Journal for Research in Engineering Application & Management (**IJREAM**), ISSN : 2454-9150 Vol-02, Issue 11, Feb2017 <http://ijream.org/papers/IJREAMV02I071905.pdf>
3. **"Music Revolution Through Genetic Evolution Theory"** in AISC series of Springer through the conference **International Conference on Computer and Communication Technologies - IC3T 2015**. http://link.springer.com/chapter/10.1007/978-81-322-2523-2_67
4. Published paper in **Springer link** named **"Legacy To Web 2.0"** in AISC series of Springer through the conference **"Proceedings of the International Conference on Frontiers of Intelligent Computing: Theory and Applications (FICTA) 2013"** http://link.springer.com/chapter/10.1007/978-3-319-02931-3_59#page-1
5. Paper titled **"Empirical web analysis tool"**, presented in "International Conference held at Sandip Foundation, Nashik".
6. **"Access Intelligence 24x7 Online: Internet of Things"**, in **International Journal of Advanced Research in Computer Networking, Wireless and Mobile Communications(IJARCWNMC) journal**, Volume 5, Issue 3, ISSN_NO: 2320-7248, Year of publications: 22-Mar-2015
Publication Link is as follows:-
http://isrjournals.org/journal_archives_abstract/Access%20Intelligence%2024x7%20Online:%20Internet%20of%20Things
7. **"Web Search Restructuring"** in **International Journal of Advanced Research in Computer Science Engineering and Information Technology(IJARCSEIT) journal**, Volume 5, Issue 3, ISSN_NO: 2321-3337, Year of publications: 22-Mar-2015
Publication Link is as follows:-
http://isrjournals.org/journal_archives_abstract/Web%20Search%20Restructuring
8. **"Journey of Internet – Past, Present & Future"**, in **International Journal of Advanced Research in Computer Science Engineering and Information Technology(IJARCSEIT) journal**, Volume 5, Issue 3, ISSN_NO: 2321-3337, Year of publications: 22-Mar-2015
Publication Link is as follows:-
http://isrjournals.org/journal_archives_abstract/Journey%20of%20Internet%E2%80%93Past,Present&Future
9. **"Empirical Forum Mining"** in **International Journal of Advanced Research in Computer Science Engineering and Information Technology(IJARCSEIT) journal**, Volume 4, Issue 1, 09-Apr-2015, ISSN_NO: 2321-3337
Publication Link is as follows:-
http://isrjournals.org/journals/computerscience_information_technology_journals/empiricalforummining1428573084.pdf
9. Paper titled **"Automated toll collection using satellite navigation"**, In International journal of computational engineering research. ISSN No- 2250-3005
<http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.588.3487&rep=rep1&type=pdf#page=20>

Educational Qualification

Qualification : Pursuing PhD in Artificial Intelligence-Machine Learning

Annual Marks

Certificate /Degree	College/ Institute	Year of Passing	Percentage	Class
ME SCE	WIT Solapur	2011-12	71.89%	First Class with distinction
BE	COEM Baramati. Pune University.	2003-04	66.66%	First Class with distinction
HSC	R.N.A.T.I. Baramati	1998-99	68.00%	First Class
SSC	S.C.S.V.Murti	1996-97	75.60%	First class with distinction

Technical Expertise

Operating Systems:

Windows XP, Windows 2000, Linux.

Languages:

R, Python, Java, VB, C/C++ , SQL, UML, PHP

Parallel Programing

Cuda, OpenMP, OpenCL, Lisp

Web Technologies:

HTML, JavaScript, JSP, Servlet, Struts framework, C#.Net, VB.Net, ASP.Net.

Database:

MS-Access, MS-SQL Server 2000, ORACLE, My SQL

Academic Projects Worked

Year	Project Name	Language Used
ME	Legacy To Web 2.0	JSP-Servlet(Java)
BE	Telesoft (e-secretary) (Telephone operation using Computer)	Visual Basic
TE	Hospital Management System	Visual Basic, Oracle 8i
SE	Payroll System	COBOL

Declaration

Assurance:

I assure that all above information is true & correct.

Kumbhar H. R.