

### BIO-DATA

Name : Mrs. Keerti. Sheetal.Mahajan

Designation : Assistant Professor

Educational Qualification : Diploma (E&TC), MCA, M.Phil, Pursuing Ph.D

Date of Birth : 20<sup>th</sup> March, 1984

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Caste/Religion : Hindu-Lingayat

Nationality : Indian

Teaching Experience : 5 Years Full Time at Chh. Shahu Institute of  
Business Education and Research (CSIBER),  
Kolhapur. and 4 Years on CHB at (DOT)  
Department of Technology Shivaji University,  
D.Y.Patil Engineering College, Salokhe Nagar,  
BVDUIMK Kolhapur

### Academics :

- Pursuing PhD with Machine Learning as specialization, at Bharati Vidyapeeth University Pune
- M.Phil. (Commerce and Management) with Data-Mining as specialization, Shivaji University, Kolhapur.
- M.C.A (Under Commerce and Management), Bharati Vidyapeeth Deemed University, Pune.
- B.C.A (Under Commerce and Management) Bharati Vidyapeeth Deemed University, Pune.
- Diploma in Electronic and TeleCommunication Engineering, Karnataka University, SJPN Trusts Polytechnic, Nidsoshi,

## Educational Status

Educational Qualification	Name of the University/Board	Year of Passing	Percentage Obtained
S.S.L.C.	Higher Secondary Education Board	1999-2000	74%
Diploma in Electronics and TeleCommunication	Karnataka University	2002-2003	59.9%
B.C.A	BVUIMK, Pune University	2008	69.9%
M.C.A	BVUIMK, Pune University	2010-2011	75%
M.Phil	Shivaji University	2014-15	A Grade
PhD	BVUIMK, Pune University	2019	Pursuing

## Experience in Computer Field.

- Three years experience in C,C++ VC++
- Five years experience in Web Designing Technologies(HTML, PHP)
- Two years experience in Mobile Computing using J2ME
- Two years experience in Computer Applications in Functional Areas of Management.
- Artificial Intelligence Techniques such as Soft Computing , Machine Learning, Deep Learning,and Data Mining

## Expertise :

Operating Systems : Windows XP, Windows 2000

Languages : C, C++, VB, VC++, Core Java, ,HTML5, J2ME,PHP.,Python

GUIs : Visual Studio 6, Visual Studio 2008, Eclipse,

RDBMS : Oracle, SQL Server, MySQL.

## Work Experience:

- Working as Asst.Proffessor at D.Y.P Engineering College Kasaba Bavada ,Kolhapur
- Worked as Lecturer at CNCVCW CSIBER Kolhapur in 2012-2013
- Worked as Lecturer, handling classes for PGDCA and MCA at CSIBER Kolhapur.
- Worked as a Full Time Lecturer in Department of Computer Studies at CSIBER, Kolhapur since 2012 till date.
- Worked on CHB at Department of Technology MCA for two years

- Worked on CHB at Department of Mathematics for Tech students one year
- Worked on CHB at Department of Computer Science, D.Y.P Engineering College, and Kolhapur.
- Worked on CHB at Department of Masters in Computer Application ,BVDUIMK, Kolhapur

**Areas of Research:** Soft Computing, Data Mining, Machine Learning, Deep Learning in Python, Web Technology.

**Research Publication :**

S.No.		Title of Paper	Name/ Volume No. of Journal	ISBN No.
<b>2012-13</b>				
1	1	“A Review: Applications of Data Mining Tools for Stock Market “	International Journal of Computer Technology and Application, IJCTA, Volume 4 Issue 1, Jan – Feb 2013, 19-27	(ISSN-2229-6093) Impact Factor : 2.804
<b>2013-14</b>				
2	1	“Applications of Data Mining Tools to Study Selected Scripts of Stock Market “	(International Journal of Data Mining & Knowledge Management Process (IJDMP) Vol.4, No.4, July 2014	ISSN: 2231-007X Impact Factor :
<b>2015-16</b>				
3	1	Portfolio Investment Model Using Neuro Fuzzy System	IJCSIT(ISSN:0975-46)Vol.6(2),2015	ISSN:0975-9646 Impact Factor : 3.32
4	1	Stock Market Prediction and Investment Portfolio Selection Using Computational Approach	IOSR-JCE, Volume: 17 Issue: 3 (Version-VII) 2015	(ISSN2278-8727) Impact Factor : 1.213

5	1	"Enhancing the usability of library system at CSIBER using QR Code"	IOSR Journal of Computer Engineering (IOSR-JCE) Volume 17, Issue 3, Ver. 1 (May – Jun.	e-ISSN: (2278-0661,p-ISSN: 2278-8727),
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			2015), PP 33-41	Impact Factor : 1.213
6	1	Exploring New Template in CSIBER's Existing Joomla Website	International Journal of Computer Engineering and Applications, Volume IX, Issue VI, Part I, June 2015	ISSN 2321-3469 Impact Factor : 3.691
7	1	Generic Opinion Mining System for Decision Support	International Journal of Engineering and Technology, vol. 8, no. 2, pp. 1344-1359.	e-ISSN : 0975-4024 p-ISSN : 2319-8613
8	1	Implementation of Excel Parser for Web Integration of Digital Evaluation System of CSIBER	International Journal on Recent and Innovation Trends in Computing and Communication Volume: 4 Issue: 6, pp 527-534	ISSN: 2321-8169 Scientific Journal Impact Factor: 5.837
9	1	Computational Approach To Portfolio Optimization of Selected Scripts From Nifty-50 Using R Technology	International Journal of Scientific Research Volume : 5   Issue : 10   October 2016	ISSN No 2277 - 8179 IF : 3.508 IC Value : 69.48
10		Machine Learning Approach for Marketing Intelligence: Managerial Application	International Journal Of Engineering And Computer Science Volume 6 Issue 7 July 2017, Page No. 21929-21936 10.18535/ijecs/v6i7.07	ISSN:2319-7242 Index Copernicus value (2015): 58.10 DOI:
11		Hybridization of Machine Learning Techniques to Optimize Portfolio of Stock Market: Review of Literature from the Period 2005 to 2018	January 2021, International Journal of Recent Technology and Engineering 9(5):2277-3878,	DOI:10.35940/ijrte.E5107.019521, VL - 9
12		Trading Algorithm to Predict the Trend of Securities with Machine Learning: Classification and SVM	Industrial Engineering Journal ISSN: 0970-2555 Website: www.ivyscientific.org	ISSN: 0970-2555, Industrial

				Engineering Journal Volume 15 Issue 10 * October 2022
13		Performance Of Machine Learning Algorithms Favouring Investors In Generating Profits.	Journal of Data Acquisition and Processing Vol. 38 (1) 2023 2660	1 Jan 2023, Volume 38 Issue 1

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**Citations : 16**

**Seminar / Conferences / Workshops Attended**

<b>Sr.No.</b>	<b>Theme</b>	<b>Venue</b>	<b>Date</b>
1	One day workshop on “Research Methodology and Use of Information Technology for Data Analysis”	under Lead College Scheme, Shivaji University, Kolhapur	on 18 <sup>th</sup> October 2011.
2	One day workshop on “Awareness of Research”	Under Lead College cluster Scheme. Ichalkarnji.	organized on 4 <sup>th</sup> February 2012
3	Two day workshop on “Research Methodology “	organized by Chh. Shahu institute of Business Education and Research, Kolhapur	on 23 <sup>rd</sup> and 24 <sup>th</sup> February 2012
4	Presented a Paper entitled “Investment Portfolio Selection using Neuro Fuzzy System”	At National Conference on emerging Trends organized by Department of Electronics and Department of Computer Science	13 <sup>th</sup> and 14 <sup>th</sup> February 2015

### FDP Programme Attended

Sr.No.	Theme	Venue	Date
<b>2015-16</b>			
1	U.G.C. sponsored Faculty Development Program on “Research Writing and Presentation”	CSIBER, Kolhapur	4 <sup>th</sup> September, 2015.
2	Two Day workshop on Android Programming	CSIBER, Kolhapur	22 <sup>nd</sup> and 23 <sup>rd</sup> , Feb, 2016.
3	Two Day workshop on Big Data Analytics.	CSIBER, Kolhapur	9 <sup>th</sup> and 10 <sup>th</sup> April, 2016.

### Lectures Delivered under Extension Activities

Sr.No.	Theme	Venue	Date
<b>2015-16</b>			
1	IT training for administrative staffs of GOKUL Dudh Sangh, under Management Development Program. – Delivered the lectures on using Excel.	SIBER	2015  <b>Total : 01</b>
3	A crash course on ICT in Agriculture for Post Graduate Diploma in Agricultural Extension Management (PGDAEM)	SIBER	9 <sup>th</sup> and 16 <sup>th</sup> January 2014  <b>Total : 01</b>

### Guest Lectures Delivered

Sr.No.	Theme	Venue	Date
<b>2015-16</b>			
1	Invited as a Chief guest and to present a short speech on “career opportunities”	In Wel-Come function of BBA, Vidya Prasarak Mandai, Gadhinglaj’s DR. GHALI COLLEGE, GADHINGLAJ.	19 July 2015
<b>2016-17</b>			

3	Invited as a Resource Person to Deliver Lecture on Statistical Analysis using R Tool	Manorama Info solutions, Kolhapur	30/05/2016
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### Subjects Taught

Course	Semester	Subjects Taught
B.Tech Final	VIII	Deep Learning
T.Y B.Tech	VII	Internet of Things
F.Y. B.Tech	I	C Programming
B.C.A -I	I	C Programming
M.C.A.- Final	VI	Artificial Engineering
M.C.A.-I	II	HTML5 and CSS3
M.C.A-II	III	Design Analysis and Algorithm
M.C.A-II	IV	Mobile Computing Programming
M.C.A.-III	V	Windows Programming with VC++
PGDCA		E-Commerce and Web Design
Fashion Design (Non-conventional)	I, II, and III	Fundamental of Computer
Food Technology (Non-conventional)	I	Fundamental of Computer
Interior Designing (Non-conventional)	I	Introduction To Computer

### Other Designations:

- C.D.C Member of Dr. Ghali College Gadhhinglaj

### Participation in Institute IT Projects Completed Projects

- Design and Development of Website
- QR Code for library
- Integration of Digital Evaluation System with CSIBER Website

### Personal Strength:

- Organized and dedicated ,with an optimistic attitude



- Self Motivated.
- Good Intercommunication skill.
- Relished to work in challenging work environment.