RESUME

Dr. Mrs. Sujata P. Deshmukh
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SUMMARY

- ❖ Ph.D. [Technology] in Information Technology from Thadomal Shahani Engineering College, Mumbai University, March 2017.

- ❖ First class M.E. (I.T.) from Vivekanad Educations Society's Institute of Technology (VESIT), Chembur, Mumbai University.

- ❖ Computer engineering background with emphasis on Operating System, E-commerce, Computer Programming, OOP, Big Data Analytics, Cloud Computing.

- ❖ Total teaching experience more than 13 years and more than five years teaching experience to PG level, ME and MCA course.

- ❖ 10 years approved teaching experience of Mumbai University (CONCOL/SA/3423, Jan 2008)

- ❖ Published more than 15 papers in International journals and conferences, one paper in scopus indexed journal and 1 paper under the review of scopus indexed journal of Inderscience, 1 paper published with Springer Publications.

- ❖ Number of Ciatation received -24, h-index-2, i10index-1

- ❖ Reviewed the papers for Scopus indexed journal of Elesvier, journal E-commerce research applications (ECRA)in 2016-17, International Conference on Advances in Computing, Communications and Informatics - ICACCI-2014, ICACCI-2015, ICACCI-2016, ICAC3A17 and National Conference at LTCE.

EXPERIENCE SUMMARY

- ❖ Presently working as Associate Prof. in Computer Enginerring Department of FRCRCE, Bandra, Mumbai from 16 July 2016

- ❖ Worked as Assistant Prof. in LTCE, Koparkhairane, Navi Mumbai from 15 July 2016 to 15 July 2016.

- ❖ Worked with R.A.I.T. Nerul, as a Lecturer from Jan 2006 to 14 july 2006.

- ❖ Worked with P.V.P.P. College of Engineering, Sion, Mumbai, as a Lecturer in Computer Engg. Dept for 1 Year.

Papers Published

1. Sujata Deshmukh, Bhushan Patil, Prashant Deshmukh, G. T. Thampi, "Exploring the factors to make E-Commerce and M-Commerce ubiquitous and pervasive to improve national productivity of India", **Scopus indexed Journal of Productivity and Quality Management-IJPQM, Inderscience Publication**, In press, DOI: 10.1504/IJPQM.2019.10019964

2. Christi Pereira , Sujata Dekhmukh, "Virtual walk-through of stitched image using cylindrical projection", paper published for the **IEEE International Conference on Recent Innovations in Electrical, Electronics & Communication Engineering - (ICRIEECE)**, July 27th- 28th, 2018

3. Christi Pereira , Sujata Dekhmukh, "An Improved Virtual Walkthrough from a 2D Stitched Image", **International Journal of Recent Trends in Engineering & Research, vol. 3, Issue 9, sept. 2017, pg 1-5, DOI: 10.23883/IJRTER.2017.3422.QGI2I,** 2017.

4. Tushar Meshram, Sujata Deshmukh, "Study of techniques for locating public transports using vehicle tracking systems ", **International Journal of Latest Trends in Engineering and Technology, Index Copernicus**, ICV – 77.02/100, Index Copernicus, ICV – 7.39/10, Volume 7 Issue 1 – May 16, Pages : 567-572, DOI : http://dx.doi.org/10.21172/1.71.082

5. Sujata Deshmukh, G.T. Thampi, "Public Policies to Facilitate Higher Penetration of E-Commerce and M-Commerce in India for Higher Productivity", **Journal of Productivity**, NPC, Jan-Mar2016, Vol. 56 Issue 4, p332-337, **citations received 1**.

6. Sujata Deshmukh, G.T. Thampi, "Interpretive Structural Modeling to Improve National Productivity using E-Commerce and M-Commerce based Practices in Indian Context ", **Advanced Science Letters,** American Scientific Publishers **,** Volume 20, Numbers 10-12, October 2014, pp. 1766-1777(12), Impact Factor: 1.253, **Scopus indexed,** https://doi.org/10.1166/asl.2014.5635, **citations received 1**.

7. Sujata Deshmukh, G.T. Thampi, "Transformative Effect of E-Commerce and M-Commerce on National Productivity in India", **International Journal of Applied Engineering Research and Development,** ISSN(Online): 2250-1584, ISSN(Print): 2278-9383, Impact Factor(JCC):1.6842, IC value:3.0, Apr. 2014. **citations received 1**.

8. Sujata P Deshmukh, Archana M Naware, "Mobile Money: M-payment System for India", **International Journal of Computer Science & Information Technologies,** Volume 5, Issue 2, pg 2672-2676, 2014, E-ISSN: 0975–9646, **citations received 2**.

9. Sujata Deshmukh, G.T. Thampi, "Transformation from E-commerce to M-commerce in Indian Context",**IJCSI International Journal of Computer Science Issues,** Vol. 10, Issue 4, No 2, July 2013, **with impact factor 0.242, citations received 19**.

10. Sujata Deshmukh, Archana Naware, "M-commerce security issues" **International Conference on System Modeling & Advancement in Research Trends (SMART)** organized at TMU, Moradabad, Sept.-2013

11. Sujata Deshmukh, G.T. Thampi, "E-commerce and M-commerce in India" **International conference on current trends in Management, Engineering, computer application and Technology-ICCTCMECAT, 2012**, Deogiri College, Aurangabad (23-25, Mar.2012) with **ISSN : 2249 – 7455, Vol.I, Issue 6(IX).**

12. Sujata Deshmukh, Deepika Srivastva, "Designing SIP Security Measures for the IMS core Layer" **International conference on Electronics and communication Engineering ICECE-2011**, Inter-science Research Network, Banglore. (1st-2nd Oct, 2011) with ISBN : 978-93-81583-04-3**

13. Sujata Deshmukh, G.T. Thampi, "Mobile Commerce: Next Generation E-Commerce in India" **International conference on frontiers of Computer science ICFoCS-12** at **IISc, Bangalore**. (7th -9th Aug.,2012) **.**

14. Sujata Deshmukh, G.T. Thampi, "E-commerce in India: challenges, Issues, Future", **International conference on Role of Management and Technology in shaping India as a developed Nation by 2020"** , TMU, Moradabad (29th -30, Apr 2012) with **ISBN 978-81-8456-596-4.**

15. G.T. Bamnote, Jyoti Sawant, Sujata Deshmukh, "Performance issues of Real Time Kernals" , **International conference on Counters of Computing Technology- THINQUEST-10"**, Babasaheb Gawde Institute of Technology, Mumbai (13,14 Mar.-10)

16. Jyoti Sawant, Sujata Deshmukh, "RTLinux- A Real time Operating System", **International Journal for Engineering Research & Industrial Applications(IJERIA),** ISSN 0974-1518, Vol.1, no.IV(2008) pp 83-98

17. Jyoti Sawant, Sujata Deshmukh, "Study Of The Performance Issues In RTOS " **National conference on Embedded Control, Computing, & Communication– NCECCube-2007**, International Institute of Information Technology-I^{2}IT, Pune (Sept.19-21,2007)

18. Sujata Deshmuhkh, "Distributed Search For Peer To Networks" **National conference – NCICT-2007,** New Horizons in Technology, D. J. Sangavi College of Engg., Vile Prale, Mumbai.(March 1-3,2007)

 Reviewer and Session chair

1. Reviewed the papers for International Conference on Advances in Computing, Communications and Informatics - ICACCI-2014, ICACCI-2015, ICAC317

2. Session chair for the conference ICAC3-17, National level paper presentaion at MPMFP.

3. Session chair for the conference 3rd International Conference on Advanced Trends in Engineering (ICATE-2019), April 2018

4.

Ph.D. Topic: "Models for making E-Commerce and M-Commerce Pervasive and Ubiquitous to improve National Productivity in India"

Employer's Details

1) Father Conceicao Rodrigues College of Engineering, Bandra, Mumbai

    Duration   :   16 July 2016 – till date

    Designation   :   Associate Professor

    Subjects Taught   :   BDA, CC, Microprocessors, Distributed Database, DBMS, DWM

Responsibilities Handled

1. NBA department coordinator, PAC member , 2019-20
2. NAAC coordinator for student support and progession Criteria, 2018-19, 2019-20
3. Program co chair for ICAC3, Dec 2019,
4. IPR cell Departmental coordinator from july 2016 to till date
5. Publicity committee member of ICAC3-17
6. Class teacher for TE Computer Sem 6, 2017-18
7. Reviewer and session chair for ICAC3-17.
8. Rotatract Club Incharge from july 17 to till date.
9. NBA-Budget committee member, Lab Incharge
10. Prepared Lab Manual for CC, BDA, DBMS, DWM, DDB,MP

2) Lokmanya Tilak College of Engineering, Koperkhairane,Navi Mumbai

    Duration   :   15 July 2006 – 15 July 2016

    Designation   :   Assistant Professor

    Subjects Taught   :   CP-I, CP-II, OS, Microprocessors,CSS, E-Commerce, DC, PDC

    UGC Approval no   : **CONCOL/SA/502 of 9 Jan 2008**

Responsibilities Handled

1. Result analysis In-charge and ME Time table in-charge from 2013 to till date
2. Worked as reviewer for National conference and national level project exhibition.
3. Departmental coordinator for technical function TECH-ZEPHYR
4. Time table in-charge of department from 2010-2012
5. Internet In-charge of College since Aug 2006 till Aug 2009
6. Parent Teacher meet committee member in 2007

7. Member of Detailed Project Report Committee for New College in Feb 2007

8. Team member of Accreditation Committee

9. Result Analysis In-charge for academic Year 2006-07

10. Prepared Lab Manual for Microprocessors And Operating System with Unix

11. Lab setup-Installation of JAVA on Linux

3) Ramrao Adik Institute of Technology, Nerul, Navi Mumbai

Duration	:	Jan 2006 – 15 Jun 2006
Designation	:	Lecturer
Subjects Taught	:	Computer Programming -II, Datawarehousing & Mining

Responsibilities Handled : Sun Solaris Lab In-charge, Internet In-charge

4) S.B.M. ,Vile Parle, Mumbai

Duration	:	Jun 2005 - Jan 2006
Designation	:	System Analyst
Project Handles	:	Automation and Management of Information System
Team members	:	1
Software	:	VB, Access, Data reports

Responsibilities Handled

- Database Design & software design
- Development & Testing, Implementation
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5) Nuclear Power Corporation of India Ltd., Anu-Shaktinagar, Mumbai. (NPCIL)

Duration	:	Jun 2004 - Jun 2005
Designation	:	System Analyst
Project Handles	:	Centralized Operating Plant Information Mining System. (COPIMS)
Team members	:	1
Software	:	PHP, MYSQL, BASH under Linux.

6) Padamshri Vasantdada Patil College of Engineering, Sion, Mumbai

Duration	:	Aug 1999 – June 2000
Designation	:	Lecturer
Subjects Taught	:	Computer Programming-I, Computer Programming -II

QUALIFICATIONS

1. **Ph. D. (Technology) in Information Technology** from Thadomal Shahani Engineering College, Mumbai University, in March 2018

2. **M.E.(Information Technology) with First Class (62%), Mumbai University,** in year 2005 from Swami Vivekanand Educational Society `s Institute of Technology, Chembur, Mumbai

3. **B.E. (Computer Science & Engg.) w**ith Percentage (58%) in the year 1998 from College of Engg. Badnera , Amravati University.

4. **H.S.C. with First Class (73%)** in the year 1992   from   Janata Junior College , Shendurjana Ghat, Nagpur Board.

5. **S.S.C with First Class with Distinction (83%)** in the year 1990 from Janata Girl's High School , Shendurjana Ghat, Amravati Board

PROJECT EXPERIENCE

1) Project Title	**: Centralized Operating Plant Information Mining System. (COPIMS**)
Organization	**: Nuclear Power Corporation of India Ltd. Mumbai. (NPCIL)**
Designation	: System Analyst.
Team members	: 1
Duration	**:** July 2004 to June 2005 (1 year).
Software	**:** PHP, MYSQL, BASH under Linux.
Description	**:** COPIMS is a data mining system which is developed for NPCIL for monitoring and calculating Nuclear Power Plant (NPP) states. It is intra net application. The objective of designing and commissioning the COPIMS is to get online access to the states of all NPP in India. The goal of this project is to design and implement Plant Data Mining Engine. The Plant data Mining engine runs set of SQL statements. These SQL statements describe the rules which are useful to determine NPP States. This Plant Data Mining Engine scans data at regular interval (15 min) and makes entries in plant database. Users can find out NPP States at any time by using (Dynamic) Web Based User Interface. The administrator sends the change of state by SMS to select a group of O&M engineers by using SMS generator system for information. The results generated by this system are used for further decision making.

2) Project Title : **Executive Information System for Administration.**

Organization : **National Informatics Center (NIC), Amravati**

Designation : Programmer

Team members : 4

Duration : Nov-1997 to march –1998(6 months)

Software : UNIX, Oracle6.0, Developers 2000.

Description : Software developed to computerize the system for revenue administration. System is evaluated to monitor various schemes as well as to make use of available information as & when needed.

In evaluation, newly designed system has given positive feedback & hence it is decided to adopt computerization on this topic. Results are as follows.

District Collectorate is the key department for district administrative revenue activity. In order to pinpoint & monitor each & every activity, it is most essential that maximum information need to be computerized which will ultimately provide the necessary information within time & that to maximum accuracy.

TECHNICAL SKILLS

Hardware Platform : Digital Pentium PC, Pentium Workstation, Sun Solaris

Operating System : Windows 95, 98, 2000, UNIX, MS_DOS 6.22, Linux

Programming Languages : C, C++, SQL, JAVA, HTML, BASH, PHP, ALP, Python

Tools : Developers 2000(Forms4.5, Reports 2.5, Graph 2.5)

RDBMS : Oracle 7.3, MS-ACCESS, MYSQL, PostgreSQL

Front End : VB 6.0, Django

Web Technology : JSP, PHP, Anaconda, Eclips

PERSONAL INFORMATION :

Date of Birth : 31-07-75

Languages : Marathi, English, Hindi.

Marital Status : Married

Interest : Reading Marathi Novels, Music   Listening

Major Strengths

- Hard-working
- Quick decision making

- Can work in Team

Major Weaknesses

- Every thing to be at once
- Not much participation in Social activities

Date   :

Place   :

(Mrs.Sujata Prashant Deshmukh)