

# Dr. DIPALI PRAKASH MEHER

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**Ph.D(Computer Application), M.Phil(CS), NET, MCS, BCS**

**Assistant Professor, Modern College of Arts, Science and Commerce,  
Ganeshkhind Pune 411016**

## **Profile:**

- **18 + years of teaching experience**
- **Ph.D in (Computer Application) from Bharati Vidyapeeth Deemed To be University**
- **M.Phil (Computer Science) from YCMOU**
- **Qualified National Eligibility Test from UGC**
- **MCS from Savitribai Phule Pune University**
- **Recognized PG Teacher from SPPU**
- **Working as Coordinator MSc(Computer Science)**

## **Research:**

**Awarded Ph.D. in Computer Application entitled ‘A Study of Knowledge Sharing and its Applications for Designing framework for Research in Computer Application’ under guidance of Dr. Nilesh Mahajan at Bharati Vidyapeeth Deemed to be University, Pune 2019.**

## **Teaching Experience:**

**Working as Assistant Professor at PES Modern College of Arts, Science and Commerce, Ganeshkhind, Pune 411016 from Dec 2005 till date**

**Worked as Lecturer at Maharashtra College of Science , Pune from 1/12/2004 to 28/02/2005**

**Worked as Faculty at ITCT from 13/04/2003 to 15/12/2004**

**Worked as Faculty at ITCT from 1/4/2005 to 10/08/2005**

<b>Educational Qualification:</b>			
<b>Degree</b>	<b>University/ Board</b>	<b>Year</b>	<b>Percentage</b>
<b>Ph.D.</b>	Bharti Vidyapeeth Deemed to be University	2019	A Study of Knowledge Sharing and its Applications for Designing framework for Research in Computer Application'
<b>N.E.T.</b>	UGC	2010	PASS
<b>M. Phil.</b>	Y.C.M.O.U, Nashik	2009	73.14 %
<b>M.C.S.</b>	Pune	2003	65.4%
<b>B.C.S.</b>	Pune	2001	67.00%
<b>DIT</b>	C-DAC	2001	87.00%
<b>H.S.C</b>	Maharashtra	1998	71.83%
<b>S.S.C</b>	Maharashtra	1996	76.93%

<b>Research Publications:</b>
➤ <b>International Journal : 7</b>
➤ <b>National : 5</b>
➤ <b>Books : 04 (02 ongoing)</b>

<b>Research Publication:</b>
➤ Dipali Bhalgat, Dr. Shirwaikar S., Jahagirdar A., “Technology initiatives for knowledge management in education and research institute “, <i>National Seminar on Advanced Trends of IT for Social Growth.</i> , 2010
➤ Dipali Meher, Swati Jadhav, Fadewar H.S.,“ A new Approach to find frequent itemset using RCM algorithm” , <i>Recent Trends in Computer Science &amp; Application and Computational Mathematics</i> , ISBN: 978-93-5097-319-6, Dec 2012,p.p.199-203
➤ Dipali Meher, Dr. NileshMahajan, “ Knowledge Bank An Initiative For Academic Excellence”, <i>International Journal of Research In Computer Application &amp; Management</i> , Vol. 4, Issue 2, ISSN:2231-1009, Feb 2014,P.P.22
➤ Dipali Meher, Dr. NileshMahajan, “ Web Portals: A Gateway for Knowledge Sharing Across Different Academic Institutions “, <i>PEZZOTTAITEJOURNALS</i> , Vol. 4, Issue 1, March 2015, ISSN: 2319-9016, SJIF: 5.058
➤ Dipali Meher, Dr. NileshMahajan, “Study of Knowledge Management Frameworks”, <i>International Journal of Science Research</i> , Vol. 5 Issue 7, July 2016,ISSN (Online): 2319-7064, SJIF: 6.391, p.p.1258-1264, DOI: 10.21275/v5i7.ART2016449
➤ Dipali Meher, Dr. Nilesh Mahajan, “Need of Knowledge Management In Various Fields”, <i>Role of Advanced Technology In Quality Enhancement</i> , 2016, National Seminar at Arihant College of Arts, Commerce and Science,Pune.

- Dipali Meher, Dr. Pallawi Bulakh, Shreya Raut, “Learning C Programming: Game Approach”, Dec 2017, *International Journal of Advance and Innovative Research*, Volume 4, Issue 4 (II):October - December, 2017, ISSN 2394 – 7780, p.p. 129-130
- Meher, D.P., Mahajan, N. and Bulakh, P., 2017.”An Analytical Study of Knowledge Management Softwares”, *International Journal of Computer Applications*, Vol.164, Issue No.5, ISSN: 0975-8887, p.p.7-14
- D. P. Meher and N. Mahajan, "An Analytical Study of Use of Knowledge Sharing Methods in Education," 2018, *IEEE*, 2018, IEEE International Conference on Current Trends towards Converging Technologies (ICCTCT). ISSN 978-1-5386-3702-9 3. pp. 1-6, doi: 10.1109/ICCTCT.2018.8551044
- Dipali Meher, Dr. S.S. Bhatambrekar, Sandhya Naiku, Sushant Bhosale, “Generic Converter Using Android”
- Dipali Meher,Shubhangi Shinde, Dr. S.S. Bhatambrekar, “Result Analysis of Choice Base Credit System”
- Awej Pathan, Ashish Garud, SS Bhatambrekar, Dipali Meher, “SWOT Analysis”

#### **Books Published:**

- **Dipali Meher, Himanshu Dabir,”Advanced RDBMS using Oracle” for MCM Sem II, ISBN:978-93-5016-150-0, Dec 2012**
- **Dr. Dipali Meher, Rasika Deshmukh et.al.,” Relational Database Management System” for FYBSc (Computer Science) ISBN:978-93-90769-02-5, June 2021**

#### **Research Areas/Interest:**

- **Knowledge Sharing Frameworks**
- **Data Mining and Warehousing**
- **Database Management Systems**
- **Programming Languages**
- **NoSQL**

#### **Post Graduate Teacher Recognition:**

**Received recognition as post graduate teacher by University of Pune from 05/06/2018.**

**Lectures Delivered:**

- Delivered Guest Lecture on Theory paper solving Techniques for Data Structure for SYBSc(Computer Science) Students at Maharashtra College of Science, Pune on 15/9/2017
- Delivered Guest Lecture on 'Polyglot Persistence in NoSQL' and 'Schema Migration in NoSQL' for MSc(Computer Science) students at Indira College, pune on 15/10/2019
- Delivered Guest lecture on 'Data Mining and Data Warehousing' for MSc (Computer Science) students at Maharashtra College of Science, pune on 4/4/2014
- Delivered Guest Lecture on 'Research Methodology' for Faculties of IT, Computer and Management at Arihant College, Pune on 3/11/2016
- Delivered Guest Lecture on 'Pointers in C' for TYBSc(Computer Science) Students on 11/09/2020
- Delivered Guest Lecture on ' Software Architectural Patterns' for MSc(Computer Science) Students on 25/8/2020
- Delivered Guest Lecture on 'Implementation of Graph Databases Using Neo4j' to various colleges like Mamasahab Mohol College, KSSW College, KTHM College, Nashik, Abasaheb Garware College, Christ College, CCS Wakad, Indira College, Wadiya College etc.

**Training Programmes Completed (02):**

Course Name	Duration	University
<b>Orientation Course</b>	1/11/2011 to 28/11/2011	Savitribai Phule Pune University
<b>Refresher Course</b>	11/11/2013 to 01/12/2013	Savitribai Phule Pune University

**Workshops and Seminar organized (2):**

Type	Place	Level	Date
Soft Computing	Modern College, Ganeshkhind, Pune	District	1 <sup>st</sup> -2 <sup>nd</sup> Aug 2012
Faculty Development Programme under UGC Development Grants	Modern College Ganeshkhind, Pune	College	June 2017 - July 2017

<b>Workshops and Seminars Attended:</b>				
<b>Sr. No.</b>	<b>Subject</b>	<b>College</b>	<b>Level</b>	<b>Date</b>
1	MATLAB & SIMULINK	Fergusson College	--	6 <sup>th</sup> Jan 2006
2	Comm Search	MamasahebMoholMahavidyalaya	District	17 <sup>th</sup> Feb 2008
3	Advanced Trends of IT for Social Growth	Modern College of Engineering	National	3 <sup>rd</sup> - 5 <sup>th</sup> Mar 2008
4	Writing Your Thesis	NowrosjeeWadia College	--	Aug 2008
5	Revised Syllabus of F.Y.B.Sc.(Comp. Sci.)	Modern College	District	23 <sup>rd</sup> August 2008
6	Problems and Prospects of Software Industry	Modern College of Computer and Business Studies	District	6 <sup>th</sup> Sept 2008
7	The Evolution of Cyber Threats and Need For Increased Security	Modern College	State	10 <sup>th</sup> - 20 <sup>th</sup> Dec 2008
8	Advanced Trends in Mobile Computing (NSATMC 2010)	Modern College	National	5 <sup>th</sup> -6 <sup>th</sup> Feb 2010
9	Emerging Trends in Web Technologies	Kaveri College of Science and Commerce	District	18 <sup>th</sup> Dec 2010
10	Information Security & Cyber Crime	Modern College of Engineering	National	8 <sup>th</sup> - 9 <sup>th</sup> Mar 2011
11	Implementation of M.Sc. (Comp. Sci.) Syllabus	Nowrosjee Wadia College	District	18 <sup>th</sup> Aug 2011
12	Implementation of M.Sc. (Comp. Sci.) Syllabus	Fergusson College	District	27 <sup>th</sup> Dec - 29 <sup>th</sup> Dec 2011
13	Research Orientation & Methodology	D.Y. Patil Arts, Commerce & Science College	State	9 <sup>th</sup> - 10 <sup>th</sup> Feb 2012
15	Perspectives of Computer Confluence With Sciences	NowrosjeeWadia College	International	10 <sup>th</sup> -12 <sup>th</sup> Dec 2012
16	Recent Trends in Computer Science & Application and Computational Mathematics(RTCSACM-2012)	Indira college of Commerce and Science	National	21 <sup>st</sup> -22 <sup>nd</sup> Dec 2012
17	Implementation of M.Sc. (Comp. Sci.) Syllabus-Credit System	Nowrosjee Wadia College	District	2 <sup>nd</sup> Aug 2013

18	Holistic Teacher Training In Innovative Skills of Cooperative Learning and Development of e-content for Teaching Pedagogies in Higher Education	PES Modern College of Arts, Science and Commerce, Ganeshkhind, Pune 16	National	25/12/2019 to 1/12/2019
19	FDP on Machine Learning and Artificial Intelligence	Andhra Loyola Institute of Engineering and Technology, AP	National	04/5/2020 to 6/5/2020
20	Challenges in Building Collaborations in Research and Innovation	Dr. MGR Educational and Research Institute, Tamilnadu	National	11/5/2020
21	Creation and Use of HTML based Quiz for E-content and Open Educational Research	Educational Learning Centre, Nagpur	National	18/05/2020
22	Windows Server 2016 & AWS Cloud	Jetking,	National	18/5/2020 to 20/5/2020
23	“VIRTUAL LABS: HANDS-ON WORKSHOP”	AISSMS &SPPU& MHRD&COEP	National	18/07/2020
24	Pedagogical and Curriculum Development for Computer Science Teachers	(MHRD) Faculty Development Program	National	21/09/2020 to 28/09/2020
25	E-content Development and Delivery , Research Methodology and Autonomy	Kamala Nehru Mahavidyala , Nagpur & Modern College of Arts, Science and Commerce (Autonomous) Shivajinagar	National	27/07/2020 to 01/07/2020
26	e-Content Development for Online Teaching	Modern College of Arts, Science and Commerce, Ganeshkhind, pune 16	National	
27	FDP Under UGC Development Grants	Modern College, Ganeshkhind Pune	College	June 2017 - July 2017

28	Multimedia enriched e-Content Development	GAD-TLC MHRD	National	21/5/2020 to 26/5/2020
29	PHP and MySQL	SCOPE, VIT, Chennai	National	17/5/2020 to 20/5/2020
30	Implementation of MSc(CS)-II syllabus	Syllabus Restructuring workshop by SPPU	University	
31	Implementation of MSc(CA)-II syllabus		University	8/8/2019
32	SYBSc(computer science) syllabus		University	27/05/2020
33	International e conference on strategies and challenges in higher education during Covid-19	GVISH, Govt. of Maharashtra	International	15/5/2020 to 17/05/2020
34	Automation & Robotics: Robotics Basics and New Technology	Altekin Automation and Robotics	National	17/05/2020
35	ICT based use of Advanced Educational Technologies in Teaching	Modern College, Shivajinar and SPPU	National	11/01/2019 to 12/01/2019
36	Moodle hands on training Webinar Series	Modern College, Ganeshkhind	College	15/4/2020 to 22/05/2020
37	FDP on Learning Pedagogy and Effective Use of Case Methodology	ASMA Group of Institutes	National	17/5/2020 to 21/05/2020
38	FDP on Cyber Forensic	SVIT, secunderabad	National	21/05/2020
39	FDP on Artificial Intelligence	Universal College of Engineering	National	22/05/2020 to 26/05/2020
40	FDP on Pedagogical & Curriculum Development for Computer Science	MHRD & SPPU, CMCS college Nashik	National	21/9/2020 to 28/09/2020
41	FDP R programming	IMS Noida	National	25/05/2020 to 29/05/2020
42	FDP on Python programming and Applications in Artificial Intelligence and Data Science	KK Wagh college, Nashik	National	01/06/2020 to 02/06/2020

#### Work Experience:

- Worked as Examiner for **Prison Officer level 2** exam at **Yerawada Jail**
- Worked as member for **NIRF Committee** for **Staff Data Maintenance**

➤ Worked as <b>Nominee</b> (Subject Expert) for Staff Selection committee Meeting for selection of Full Time Lecturer in BSc (Computer Science) at Kaveri College.
➤ Worked as Visiting faculty for MSc(computer Science) students for ‘Data mining and Data Warehousing’ at SP College, Pune from June 100 to November 2011
➤ <b>Working as Master Trainer for GAD-TLC, Ministry of Education Govt. of India</b>
➤ Worked as Chairman, Paper setter, Moderator, Examiner for MSc(Comp. Sci.),MCA(Science), B.Sc(Comp. Sci.), BCA(Science) theory and Practical Slips, Lab Books of languages.
➤ Judge for “Interaction 2011” Inter-College Competition” for Programming Competition at Modern College, Pune 53
➤ Worked as Coordinator for “Interaction 2009”for” Inter-College Competition at Modern College, Pune 53
➤ Worked as Coordinator for “Soft Computing ”for at Modern College, Pune 53
➤ Worked as a Project Guide for B.Sc(Comp. Sci.), M.Sc.(Comp.Sci.) and MCA(Science)students.
➤ Worked as Chairman for Admission Committee for UG and PG level
➤ Worked as Chairman for Yuva Saptah(various competitions) for 4 years at Modern College, Ganeshkhind, pune 16
➤ Worked as Member Dead stock Committee for Modern College, Ganeshkhind, Pune 16
➤ Worked as Member Extra Credit Syllabus preparation committee at Modern College, Ganeshkhind Pune 16
➤ Worked as Member Internal examination Science College committee
➤ Worked as Member NAAC Criteria IV Infrastructures and Learning Resources for Modern College , Ganeshkind, Pune 16
➤ Worked as Senior Supervisor for SPPU theory examinations
➤ Selected as Master Trainer for GAD-TLC
➤ Worked as Resource person for TYBCA(Science) syllabus restructuring workshop



**College Level Responsibilities:****Chairman Admission Committee****Coordinator MSc(Computer Science)****Chairman Yuva Saptah Committee****Member NAAC Criteria IV****Member Internal Examination Committee Science****Member NIRF Committee****Member Extra Credit Course Committee****Member Dead stock Committee****Member Energy Conservation Cell****Member Timetable Committee****Member Departmental IQAC****Member Vividha****Subject Taught:****Subject****Class****C, C++, DBMS, Data Structures in C & C++, Data Mining and Data Warehousing, Distributed Databases, Principles of Programming Languages, Advance Database Management concept, PASCAL, SDK(Software Development Kit), Software Metrics and Project Management, Computer Networks, Business Intelligence, Design Patterns, NoSQL, SA&DP**BSc(Computer Science),  
BCom,  
MCA(Science),  
MSc(Computer Science),  
BBA(CA),  
BCA(Science),  
TYBSc(Mathematics)  
MSc(Computer Application)

I do hereby declare that the information given here is correct and true to the best of my knowledge.

Date:

Place:

Dr. Dipali Prakash Meher