

## **Rachana S Potpelwar**

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### **EDUCATION**

Master of Engineering, Computer science ans Engineering SRTMU , Nanded August 2014

Bachelor of Engineering, Information Technology SRTMU , Nanded June 2006

### **PROFESSIONAL EXPERIENCE**

Shri Guru Gobind Singhji Institute of Engineering and Technology	Sep 2010 – Till Date Nanded (Asisstant Profesor)
MIT Engineerng college	September 2008 –September 2010 Pune (Lecturer)
System Consultant	February2007 – April 2008 Hyderabad (Corporate Trainer)
Orbit Society	June 2006– Jan 2007 Hyderabad (Project Trainer)

## PUBLICATIONS

### a) Research Publications:

Sr No.	Details of the Paper in IEEE format ( Name of the Authors, “ Title of the Paper,” Name of the Journals , Vol. no., Page no., month and year of publication)	Academic year of Publication ( 1 <sup>st</sup> July to 30 <sup>th</sup> June )
1	Rachana Potpelwar ,”Error-Aware Data Mining”,International Journal of Advanced Computational Engineering and Networking,ISSN:2320-2016, Volume- 4,Issue-3,Mar-2016.	2015-16
2	Rachana Potpelwar ,”Innovative Teaching and Effective Learning using Software Approaches: A Survey”, International Journal of Advanced Computational Engineering and Networking,ISSN:2320-2016, Volume- 4, Issue-3,Mar-2016.	2015-16

### b) International Conferences / Seminars/ Symposium/Workshop

Sr No.	Details of the Paper in IEEE format ( Name of the Authors, “ Title of the Paper,” Name of the Conference proceedings, Vol. no., Page no., month and year of publication)	Academic year of Publication ( 1 <sup>st</sup> July to 30 <sup>th</sup> June )
1.	Shwetha Sakale,Rachana Potpelwar,”Brain Tumor Segmentation with comparative studies of four methods in MRI images:for poster presentation,coe at sggsIET with IIT Bombay,COE pune,SVUCE Tirupati and IEEE bc section ,October 2016	

### c) National Conferences / Seminars/ Symposium/Workshop

Sr No.	Details of the Paper in IEEE format ( Name of the Authors, “ Title of the Paper,” Name of the Conference proceedings, Vol. no., Page no., month and year of publication)	Academic year of Publication ( 1 <sup>st</sup> July to 30 <sup>th</sup> June )
1	Rachana Potpelwar atended national confrence on communication , computing and Networking Technologies(NC 13)” SGGS IET,nanded 15-16 <sup>th</sup> march 2013	2013

## Workshops attended

Sr. No	Name of the course	Organization/ Location	Type of Course	Duration	No. of Days
1	Open Source & IBM Tools	Smt. Kashibai Navle College of Engg. Pune	AICTE	17/11/2008 To 21/11/2008	5 (1 Weeks)
2	Advance Java	Cognizant Technology Solutions Limited	FDP	06/01/2009 To 16/01/2009	10 (2 Weeks)
3	Conflict Management And Java	Cognizant Technology Solutions Limited	Faculty development workshop	7/7/2011 to 8/7/2011	2
4	Recent Advances in Speech, Image and Video Processing	SGGSIET, Nanded	AICTE	12/12/2011 To 23/12/2011	11 (2 Weeks)
5	Foundations of Predictive Analytics	IIT Hyderabad	Certificate Course	19/12/2012 To 23/12/2012	5 (1 week)
6	Wireless Sensors and Their Applications	SGGSIET, Nanded	TEQIP-II	18/03/2013 To 22/03/2013	5 (1 week)
7	Security Challenges in Computer Science	SGGSIET, Nanded	TEQIP-II	24/06/2013 To 28/06/2013	5 (1 week)
8	Emerging Trends in Nanoscience and Nanotechnology	SGGSIET, Nanded	TEQIP-II	06/08/2013 To 10/08/2013	5 (1 week)
9	LATEX and SAGE	SRTMU, Nanded	Certificate course	12/02/2014 To 18/02/2014	7 (1 week)
10	Fundamentals and Advances in Artificial Neural Networks	SGGSIET, Nanded	TEQIP-II	9/06/2014 To 13/06/2014	5 (1 week)
11	Mathematical Modelling in Computer Science and Engineering	VIT, Pune	ACM	8/7/2014 To 12/07/2014	5 (1 week)
	Total Number of Weeks				12

<b>Subjects Taught</b>		
YEAR	SEM I	SEM II
2010-2011	TH; DS (B. Tech ) PR: Cryptography	TH: SOFTWARE PROJECT MANAGEMENT(TY IT), CL2 (S.Y), PR: CL2,SPM
2011-12	TH; MIS(BTech. IT) OOPS(S.Y. B.Tech ) PR: MIS,OOPS	TH: ADBMS (BTech IT), CODING THEORY (T.Y.IT), PR: WTL(BTECH) MiniProject(SY)
2012-13	TH; OOPS (S.Y. IT) OS (TY.IT) PR: OOPS,OS	TH: IS (SY IT), ADBMS PR: CL4,ADBMS
2013-14	TH; OOPS(SY.IT),DBMS (TY.IT ) PR: OOPS,DBMS	TH: IS(SY.IT) MS(BTECH IT), PR: MS
2014-15	TH: DMDW (BTECH. IT) C++ (S.Y. Textile) PR: DMDW,C++	TH: IS (SY.IT ), ADBMS (BTECH), PR: MS,ECOM
2015-16	Maternity leave	TH: Information Technology (TY(Textile)) PR: CL2(SY(IT)), SEMINAR(TY.IT)
2016-17	TH: DMDW (BTECH. IT) Information retrival(MTECH) PR:DMDW,IR,PROJECT	TH:IDS(TY.IT),ATDM(MTECH) PR:ECOM,ATDM,PROJECT
2017-18	TH: DMDW (BTECH. IT) Information retrival(MTECH) PR:DMDW,IR,PROJECT	

<b>Responsibilities Held</b>	
1	Worked as class teacher of SY/B.Tech IT for 3 years
2	Working as faculty coordinator for Computer Society of India
3	Working as departmental training and placement faculty coordinator
4	Working as NAAC member and secretary from 2014 to till date
5	Worked as Exam coordinator for summer term 2010
6	Working as Canteen committee member from 2014 to till date
7	Worked as departmental Time Table Incarge for 2011-2014
8	Worked as PRAGYAA PRC committee faculty coordinator from 2011-2014
9	Worked as exam coordinator mid term and end term examination for the academic year 2015-16
10	Worked as UTSAV 2017 Anchoring committee faculty coordinator 2017
11	Worked as faculty coordinator for branch transfer at second year for the academic year 2017-18
12	Worked as departmental Time Table Incarge for 2011-2014,2017-2018
13	Worked as departmental Project Incharge for 2016-2017,2017-2018

***Guest Lectures Organized***

1. Guest Lecture on “Relational Model” By Mr.Raja Mahendra, UCB, hyderabad, on 2/2/2013 under TEQIP II
2. Guest lecture on Application of Crystallography by Dr . Hemant Yennawar, Director, X-ray Crystallography Labortaory office ,United States on 21/12/2013