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Savitribai Phule Pune University Identification No. PU/PN/Engg. /441/2012, DTE CODE:- EN 6794

Research & Development Profile

Prof. Rama B Gaikwad
Experience: 6.3 Years
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Department of Computer Engineering

International Journal Publication Papers:

1. **Gaikwad Rama,** Sanjay Pingat, "Idea of handling short-lived network failures using LOLS and loop free convergence using FCFR" (IJCSIT) International Journal of Computer Science and Information Technologies, Vol. 5 (2) , 2014, 2099-2102

2. **Gaikwad Rama**, Sanjay Pingat, "Short-lived Multilink Failures Handled Effectively Using LOLS Integrating with FCFR for Loop Free Convergence" International Journal of Advanced Research in Computer Science and Software Engineering, Vol. 4(7) ISSN: 2277 128X

3. **Gaikwad Rama,** Sanjay Pingat, "Loop Free Convergence Achieved by Integrating LOLS with FCFR and Gives Lower Convergence Time than OSPF", International Journal of Computer Applications (0975 – 8887) Volume 100– No.2, August 2014

4. *Yogesh Dhanawade, Ganesh Gangane, Pratik Bhosale, Harshad Bhore, **Rama Gaikwad,** " Wireless Ambient Monitoring Sensors using Power Efficient Thread Protocol and PSoC Microcontrollers" Volume 5, Issue 12, December 2015 ISSN: 2277 128X*

5. *Ammara Ansari, Rujuta Joshi,Akshay Katariya,* **Rama Gaikwad***, "Single Multipurpose and Resourceful Techno Card" , International Journal of Engineering Technology Science and Research, ISSN 2394 – 3386, Volume 3, Issue 2, February 2016*

6. **Rama Gaikwad,** "A Survey of Methods to Improve Convergence Speed and Scalability of OSPF Protocol", International Journal of Research in Engineering, Science and Technologies, ISSN 2454-664X

7. *Magidwar, S., Hargane, A., Singh, P. and Nade, M. Gaikwad R, 2016. Implementation of a Wearable Defence System for Women's Security using Wireless Sensor Network.*

National Conference Papers:

1. **Rama Gaikwad** presented paper "Localized On-demand Link State Routing Integrating with FCFR for IP Backbone Network " at Third Post Graduate Conference for Computer Engineering (c-PGCON 2014) organized by University of Pune and Matoshri College of Engineering, Nashik, Maharashtra.

2. **Rama Gaikwad** presented paper "Localized On-Demand Link State Routing" at National Conference on Technical Revolution 2015 (NCTR-2015) organized by Anantrao Pawar College of Engineering & Research, Pune, Maharashtra.

3. **Rama Gaikwad** presented paper "A Survey of Methods to Improve Convergence Speed and Scalability of OSPF Protocol" at National Conference on Technical Revolution 2016 (NCTR-2016) organized by Anantrao Pawar College of Engineering & Research, Pune, Maharashtra.

4. **Rama Gaikwad** presented paper "Study of Threats and Intrusion Detection Techniques for 802.11 Network and Cyber Physical System" at National Conference on Technical Revolution 2017 (NCTR-2017) organized by Anantrao Pawar College of Engineering & Research, Pune, Maharashtra.

Book Published:

1. A book on Distributed System (BE IT) according to University of Pune syllabus published by Nirali Publication,Pune. ISBN 978-93-5164-900-7

2. A book on Computer Organization and Architecture published by Charulatha Publication. ISBN-13: 978-93-86532-49-7

Workshop/STTP:

Sr. No.	Name of STTP Program/Workshop	Place/Institute Name	No. of Days	Month & Year
1.	How to Publish Technical paper with IEEE	College of Engineering Pune ,Pune	1	4-10-2016

2	Principles and Applications of Satellite Image Processing	IIT Bombay	5	25-3-2013to 29-3-2013
3	How to Write Research Paper	SKN COE	1	30-10-2012
4	Massively Empowered Classrooms	SPPU and Microsoft Research	1	6 July 2013
5	Current Trends in IOT	Zeal COER	3	11-2-2016 to13-2-2016
6	Outcome Based Accreditation New NBA 2013 Format Tier 2 for UG Engg Institutes	AISSMS IOIT	3	26-8-2014 to 28-8-2014
7	RM and Thesis Writting for Engg Scholars	SKNCOE	5	12-6-2017 to 16-6-2017
8	FPL2	University of Pune/ MAEER's MIT	1	15-12-2012
9	Multicore Architecture and Programming	University of Pune/ SITS Narhe	2	June 2013
10	Data Structures and Problem Solving	University of Pune/ PICT	1	July 2013
11	Mathematical Modelling in Computer Science and Engineering	ACM India/ VIT Pune	5	8 July 2014to 13 July 2014

Total Count:

Sr.No	Name of Faculty	Patent	Workshop	STTP	FDP	International Publication in journal	International Publication in Conference	National Conference
1	Rama Gaikwad	-	05	01	04	07	-	4