

Name : Mr. Rahul Gaikwad

Experience:

S. No.	From	To	Duration in months and years	Designation	Organization
1.	1-8-07	30-8-08	1 Year 01 Month	Guest Lecturer	UVCE, Bangaluru
2.	1-12-08	30-11-09	1 Year	Project Graduate Trainee	National Aerospace Laboratories (NAL), Bangalore
5	22-2-10	Till date	7 Years 7 Months	Asst. Professor (Computer & IT Dept)	GF's GCOE, Jalgaon

Areas of Interest : Wireless Sensor Network, Computer Network, Microprocessor etc.

Subjects Taught (U.G) : Advanced Computer Network, Computer Network, Mobile Network, Internet Security, Operating System, Microprocessor-I, Operation Research, Management Information System, Programming Laboratory-II, E-Commerce, ERP.

Subjects Taught (P.G) : Net Centric Computing & Soft Computing, Advanced Computer Network.

Labs Developed : Microprocessor/Microcontroller, Computer Network etc.

**List of Continuing Education Programs Attended:
AICTE/ISTE STTP**

S.No.	Title of the Course	Venue	From-To	Duration
1.	Network Security – Theoretical & Practical Perspective [NETSEC-2010]	School of IT, IIT Kharagpur.	02-08-2010 to 07-08-2010	One Week
2.	RF Communication, Navigation and Surveillance: Fundamentals and Applications	Kalpana Chawla Space Technology Cell, IIT Kharagpur.	26-12-2010 to 31-12-2010	One Week
3.	Simulation of Wireless Networks (SWN-2011)	Dept. of computer science & engineering, NITK Surathkal.	20-06-2011 to 24-06-2011	One Week
4.	ISTE Workshop on Control Systems	Visvesvaraya National Institute of Technology, Nagpur (RC ID-1128)	02-12-2014 to 12-12-2014	Two Weeks
5.	ISTE Workshop on Design of Algorithms	Visvesvaraya National Institute of Technology, Nagpur (RC ID-1128)	25-05-2015 to 30-05-2015	One Week

6.	ISTE Approved STTP on Introduction to Linux Operating System	K.C.E.S's College of Engineering & IT, Jalgaon.	13-07-2015 to 17-07-2015	One Week
7.	AICTE Sponsored STC on Development and Challenges in Fault, Reliability and Safety Analysis of Software Systems for Smart Cities	IIT Roorkee, Uttarakhand	28-11-2016 to 02-12-2016	One Week
8.	AICTE Sponsored STC on Machine Learning	Dept. of computer science & engineering, IIT (BHU), Varanasi (UP)	18-09-2017 to 23-09-2017	One Week

SEMINARS/CONFERENCE/WORKSHOP/SUMMIT

S.No.	Title of the Course	Venue	From-To
1.	National Workshop on wireless sensor networks	UVCE, Bangalore	December 25-28,2009
2.	Workshop on Advance features of windows server	GF's GCOE, Jalgaon	October 3-4, 2010
3.	National Conference on Emerging Technologies in Engineering & Management (NATCON-2011)	GF's GCOE, Jalgaon	Feb., 20 th 2011
4.	International Conference on Sunrise Technologies (i-COST)	Bapusaheb Shivajirao Deore College of Engineering and Polytechnic, Dhule	January 13-15, 2011
5.	STTP on "Teaching-Learning in Engineering & Technology"	GF's Godavari College of Engineering, Jalgaon	09 to 11 November 2011
6.	National Workshop on "Cognitive Radio (CORD-2012).	Department of Electrical Engineering, IIT Hyderabad.	25 th February-2012.
7.	Two Day Workshop on NPTEL – NMEICT	NPTEL, IIT Madras & NIT, Warangal	31 st August – 1 September 2012
8.	Workshop on Syllabus Framing of S.E, T.E & B.E (Computer Engineering & IT)	Under the Faculty of Engineering & Technology, NMU at R.C Patel Institute of Technology, Shirpur.	8 th November 2012
9.	Two Days Faculty Enablement Program	Globarena Technologies Pvt. Ltd. Hyderabad.	29-30 November 2012
10.	Two days National Workshop on "Cyber-Physical Systems: Applications and Open Challenges".	IIT, Hyderabad (AP), Sponsored by: IIT Hyderabad, Hitachi India Pvt Ltd and Department of	22 – 23 March 2013

		Electronics and Information Technology (DEITY).	
11.	Workshop on Syllabus Framing of B.E (Computer Engineering & IT)	Under the Faculty of Engineering & Technology, NMU at R.C Patel Institute of Technology, Shirpur.	10 th April 2015
12.	The National Cyber Safety and Security Standards Summit-2017 (14 CPE Credits issued by National Cyber Defence Research Center (NCDRC))	BITS Pilani- Hyderabad Campus	17 th and 18 th Feb, 2017

Membership of Professional Bodies

S.No.	Professional Body	Membership Grade	Membership Number
1	CSI	Life Member	N1220716
2	SDIWC	Life Member	ID: 9552

Any other activity to be mentioned:

- Organized National Level Conference on “National Conference on Emerging Technologies in Engineering & Management”, as a Convenor at GF’s Godavari College of Engineering, Jalgaon during 20 February 2011.**
- Organized National Level Event on “PHOENIX-2011”, at Department of Computer & IT, GF’s Godavari College of Engineering, Jalgaon during 18-19 February 2011.**
- Organized AICTE Sponsored SDP on “Software Applications”. As a co-coordinator, at Department of Computer & IT, GF’s Godavari College of Engineering, Jalgaon during 11-22 June 2012.**
- Worked as Administrative Officer (A.O) for Central Assessment Programme (C.A.P) October/November-2013 of Engineering Faculty held in the NMU, Jalgaon, from 24/12/2013 to 07/02/2014.**
- Organized AICTE Sponsored International Conference on “Modelling and Simulation in Engineering & Technology”. As a departmental coordinator, at GF’s Godavari College of Engineering, Jalgaon during 15-16 February 2014.**

Administrative Experience:

S.No.	Designation	Responsibility	Period (From To)
1	Computer Center Incharge at GFs GCOE, Jalgaon	Development of Labs	2010 to till date
4	CSI Student Chapter Coordinator	Arrange the Workshop/Guest Lecture to BE Students	2013 to till date
5	M.E/M.Tech. Course Coordinator, Project Incharge	To monitor, and guide ME (CSE) Final year students for their project work.	2014 to till date

Research & Development activities :

List of Papers Published/Presented in National/International Conference and Journal:

1. **Rahul Gaikwad, Madhuri Bhattad, Vivek Kshirsagar**, “DOM: A Scalable Multicast Protocol for Next-Generation Internet using Bloom filter Technique”, at Bapusaheb Shivajirao Deore College of Engineering and Polytechnic, Dhule (International Conference on Sunrise Technologies (i-COST), 13th & 14th January 2011).

2. **Rahul Gaikwad, Shilpa Agrawal, Swati Dusane**, “Query Processing for Sensor Networks Presented & Published (Information Technology Management ISBN-978-3-8454-0) paper in **International Conference on Information Technology Mangament (EAICAIC-2011)**. Organized by JSPM in association with AMMI, Pune on 11th & 12th Oct. 2011.

3. **Rahul Gaikwad, Shtruti Nair, N. Niharika**, “Network Border Patrol (NBP) Preventing Congestion Collapse and preventing fairness in the internet”, Presented & Published (Information Technology Management ISBN-978-3-8454-0) paper in **International Conference on Information Technology Mangament (EAICAIC-2011)**. Organized by JSPM in association with AMMI, Pune on 11th & 12th Oct. 2011.

4. **Rahul Gaikwad, Dhanwanti Gaikwad**, “An Integrated Mobile Phone Payment System based on 3G Network”, Published paper in **International Journal of Electrical and Electronics Engineering (IJEEE)**, ISSN: 2231-5284, P.No: 78-84, Volume-I, Issue-II, 2011

5. **Rahul Gaikwad, Shilpa Agrawal, Swati Dusane**, “Query Processing for Sensor Networks”, Published paper in **CIIT International Journal of Wireless Communication (CIJWC)**, ISSN: 0974 – 9640, DOI: WC012012004, Issue-January 2012.

6. **Rahul Gaikwad, U.S. Bhadade, Dhanwanti Gaikwad, Kanchan Kuwar**, “The Research of TRIP Protocol Based on Soft-switching Technology”, Presented paper in **International Conference on Engineering Research and Applications (ICERA-2012)**. Organized by GF’s Godavari College of Engineering, Jalgaon on 1st & 2nd March 2012

7. **Rahul Gaikwad, G.M Lodha, Manav Thakur**, “Search Base Software Testing with Genetic Algorithm Using Fitness Function” Published paper in **International Journal of Advanced &**

Communication System , Approved by CSIR-NISCAIR ISSN: 2277 – 7318, Issue 3 Vol 3 **Jun-July-2014**.

8. **Rahul Gaikwad, Ashish Patil**, “Cut Detection in Wireless Sensor Network”. (Best Paper Award in the Conference).” Presented paper in **International Conference Modelling and Simulation in Engineering & Technology (ICMSET-2014)**. Organized by GF’s Godavari College of Engineering, Jalgaon on 15th & 16th February 2014.

9. **Rahul Gaikwad, Manav Thakur**, “User identity and access management trends in IT infrastructure- an overview”, Presented paper in **International Conference on Pervasive Computing (ICPC-2015)**. Organized by Sinhgad College of Engineering, pune in association with IEEE Communication Society Chapter, pune section, India during 8th -10th January 2015. The same paper published in **IEEE Digital Xplore**.

10. **Rahul Gaikwad, Manav Thakur**, “User identity and lifecycle management using LDAP Directory server on distributed network”, Presented paper in **International Conference on Pervasive Computing (ICPC-2015)**. Organized by Sinhgad College of Engineering, pune in association with IEEE Communication Society Chapter, pune section, India during 8th -10th January 2015. The same paper published in **IEEE Digital Xplore**.

11. **Rahul Gaikwad, G.M.Lodha**, “Search Based Software Testing with Genetic Using Fitness Function – (ID 119)”, Presented paper in **International Conference on Innovative Applications of Computational Intelligence on Power, Energy and Controls with their Impact on Humanity (CIPECH-2014)**. Organized by KIET, Ghaziabad, Uttar Pradesh during 28th -29th November 2014. The same paper published in **IEEE Digital Xplore**.

12. **Rahul Gaikwad, G.M.Lodha**, “Search Based Software Testing Using Fitness Function ”, Presented paper in **International Conference on Advanced Computing & Communication Technologies (ICACCT-2014)**. Organized by Asia Specific Institute of Information Technology SD India, Panipat during 15th November 2014. Published in proceeding ISBN: 978-93-8435-00-9.

13. **Rahul Gaikwad, Ashish Patil**, “Comparative analysis of the Prevention Techniques of Denial of Service Attacks in Wireless Sensor Network”, Published in *Procedia Computer Science*, ELSEVIER, Volume 48C,2015, Pages 387-393. **International Conference on Intelligent Computing, Communication & Convergence (ICCC-2015)**, Conference organized by Interscience of Institute of Management and Technology, Bhubaneswar, Odisha, India.

14. **Rahul Gaikwad, Ashish Patil**, “Preventing Vampire Attacks in Wireless Sensor Network by using Trust Model”, Published in **International journal of Engineering Research & Technology (IJERT)**, ISSN: 2278-08181, Vol. 4 Issue 06, June-2015.

15. **Rahul Gaikwad** “Study on Attribute Based Encryption with Verifiable Time Stamp Decryption”, Published in **International journal of Innovative Research in Computer and Communication Engineering (IJIRCCE)**, ISSN: 2320-9798, Vol. 3 Issue 06, June-2015.

16. **Rahul Gaikwad, Dhiraj Patil**, “PowerMac: A new protocol design for location based Ad-hoc networks”, Presented paper in **International Conference on Industrial Instrumentation & Control**.

Organized by College of Engineering (COEP) Pune, during 28th to 30th May 2015. The same paper published in **IEEE Digital Xplore**.

17. Rahul Gaikwad, Dhiraj Patil, “Survey Paper on Energy Efficient MANET Protocol”, Published paper in **International Journal of Scientific Research**. Impact factor: 3.2416, Vol. 4, Issue 6, Page No. 25-29, June-2015.

18. Rahul Gaikwad, Amruta Deo, “Optimizing the Network Lifetime & Throughput using Multi Packet Reception and Network Coding in Neighbor Discovery-An Overview”, **International Conference on Communication & Computing (ICC-2015)**”, Organized by the society of information processing & Alpha College of Engineering, Bengaluru, July 9-11 2015, Page No.283.

19. Rahul Gaikwad, Archana Patil, “Novel Approach for Salient Region Detection Improved By Dynamic Region Merging and Boundary Analysis”, Published paper in **International Journal of Innovative Research in Computer and Communication Engineering**. Impact factor: 5.618, Vol. 3, Issue 8, Page No 7637-7643, ISSN (Print): 2320-9798, 30th August-2015.

20. Published paper in **International Journal of Computer Engineering and Applications**, ISSN 2321-3469, Volume X, Issue II, Feb. 16. Under the title: - “A Survey on Real Time Error Detection Service using Mapreduce”.

21. Published paper in **International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE)**, Impact Factor: 5.332, ISSN 2319-5940, Volume 5, Issue 7, July-2016. Under the title: - “An Enhanced Approach in Novel Content Based Video Retrieval Using Vector Quantization”.

22. Presented paper in **International Summit on Electrical, Electronics, Computer Science and Communication Engineering (ISEECSCCE-2016)** on 5th June, 2016 at Mumbai, India which will be organized by TECHOWN. Under the title: - “A Real Time Error Detection Service for Scale Free Network Systems Using MapReduce”. The same paper published in International Journal of Innovative Research in Management, Engineering and Technology, ISSN: 2456-0448, Volume 1, Issue 4. May-2016

23. Presented & published paper in proceeding **IEEE International Conference on Communication & Electronics systems (ICCES-2016)**. Organized by PPG Institute of Technology, Coimbatore, October 21-22 2016. Under the title: - “Data Retrieval with secure CP-ABE in splitted Storage”.

24. Published paper in **International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE)**, Impact Factor: 6.577, ISSN 2320-9798, Volume 4, Issue 11, November-2016. Under the title: - “Optimization of Query Image Using Search Relevance Re-Ranking Process”.

25. Presented & published paper in proceeding **IEEE International Conference on Global Trends in Signal Processing, Information Computing and Communication 2016 (ICSPICC)**). Organized by SSBT's College of Engineering and Technology, Bambhori, Jalgaon, India, 22–24 December 2016.

Under the title: - “A Comprehensive Study in Novel Content Based Video Retrieval Using Vector Quantization over a Diversity of Color Spaces”.

26. Published paper in **International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE)**, Impact Factor: 6.577, ISSN 2320-9798, Volume 5, Issue 1, January-2017. Under the title: - “A Study on Efficient Energy-Efficient and Reliable Routing for Mobile Wireless Sensor Networks with authentication”.

27. Published paper in **International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC)**, Scientific Journal Impact Factor: 5.837, ISSN 2321-8196, Volume 5, Issue 6, June-2017. Under the title: - “Implementation of RDH in Encrypted Image”.

28. Published paper in **International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC)**, Scientific Journal Impact Factor: 5.837, ISSN 2321-8196, Volume 5, Issue 6, June-2017. Under the title: - “Attribute Based Encryption with Verifiable Time Stamped Decryption”.

29. Published paper in **International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE)**, Impact Factor: 6.577, ISSN 2320-9798, Volume 5, Issue 02, February-2017. Under the title: - “A Probabilistic Black Hole & Gray Hole Attacks Detection Scheme towards Efficient Trust Establishment in Delay-tolerant Networks- Review”.

30. Presented & published paper in proceeding **I-SEC International Conference on Emerging Trends in Engineering & Technology (I-SEC-ICETET-2017)**. Organized by Shanmuganathan Engineering College, Arasampatti, Tamilnadu, June 01-02 2017. Under the title: - “A Probabilistic Black Hole & Gray Hole Attacks Detection Scheme towards Efficient Trust Establishment in Delay-tolerant Networks”.

31. Presented & published paper in proceeding **I-SEC International Conference on Emerging Trends in Engineering & Technology (I-SEC-ICETET-2017)**. Organized by Shanmuganathan Engineering College, Arasampatti, Tamilnadu, June 01-02 2017. Under the title: - “Efficient Energy-Efficient and Reliable Routing for Mobile Wireless Sensor Networks with authentication”.

32. Presented & published paper in proceeding **National Conference on Current Trends in Engineering, Science, Technology and Management (NACCTESTM-2017)**. Organized by GF’s Godavari College of Engineering, Jalgaon (MH), March 21-2017. Under the title: - “A Probabilistic Black Hole & Gray Hole Attacks Detection Scheme towards Efficient Trust Establishment in Delay-tolerant Networks”. Same paper published in International Journal of Advanced Electronics & Communication Systems approved by CSIR-NISCAR ISSN NO: 2277-7318.

33. Presented & published paper in proceeding **National Conference on Current Trends in Engineering, Science, Technology and Management (NACCTESTM-2017)**. Organized by GF’s Godavari College of Engineering, Jalgaon (MH), March 21-2017. Under the title: - “Survey on I2MAPREDUCE: Incremental Processing in Big Data Mining”. Same paper published in International Journal of Advanced Electronics & Communication Systems approved by CSIR-NISCAR ISSN NO: 2277-7318.