



Dr. Bhushan S. Chaudhari

**Co-ordinator, Assistant Professor,
Information Technology**

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EDUCATIONAL DETAILS

- 2019 : Ph.D. in Computer Engineering, Savitribai Phule Pune University, Pune, 28/01/2019**
- 2012 : M.E in Information Technology, University of Mumbai, 27/03/2012**
- 2005 : B. Tech. in Information Technology, Dr. Babasaheb Ambedkar Technological University, Lonere, 14/07/2005**

PROFESSIONAL EXPERIENCE

- ❖ **Assistant Professor, at Shri Vile Parle Kelavani Mandal's Institute of Technology, Dhule, 17/06/2019 to till date.**
- ❖ **Assistant Professor, at Sandip Institute of Technology and Research Centre, Nashik from 01-07-2010 to 07/06/2019.**
- ❖ **Assistant Professor, at Yadavrao Tasgaonkar Institute of Engineering & Technology, Bhivpuri, Karjat from 18-07-2006 to 30-07-2010.**
- ❖ **Lecturer, at Konkan Gyanpeeth College of Engineering, Karjat from 10-01-2006 to 17-07-2006.**

❖ **Research Projects:**

- "Web based IEEE Paper Formatting Tool"

Team: - One

Description: -

Paper formatting is very hectic job and also time consuming job to do. There are very few tools and techniques available for paper formatting. Currently used technologies are either complex or time consuming and may include errors. Having a template and editing and formatting paper according to it also a tough job to do. To overcome these things a tool or system is generated which automates the whole formatting process and provides a perfectly formatted text output. While solving the problems of added errors because of human intervention. This system does not need any kind of extra knowledge for the user



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to interact with system. It is user friendly and user controlled. User just need to put text in appropriate fields and formatting is handled by web based tool itself. The time for formatting the paper is also reduced drastically.

❖ Patent

Sr. No.	Details of Publication	Application Number	Inventors
1	Design and Development of Evolving Intrusion Detection System for Mobile Ad-Hoc Networks Using Particle Swarm Optimization	3716/MUM/2015	Bhushan S. Chaudhari, Rajesh S. Prasad
2	Handy Input to Desktop Using Raspberry Pi	2394/MUM/2015	Bhushan S. Chaudhari, Tejas Rawal, Vinayak Yadav, Mayur Kalal, Ganesh Rane
3	Home Automation System using Android based Smart Phone	2395/MUM/2015	Bhushan S. Chaudhari, Siddhant Bagul, Hemant Sangale
4	Car Locking and Tracking using Android Applications	201621002619	Bhushan S. Chaudhari, Utkarsha Sawashe, Namrata Bhole, Pooja Ghuge, Kamini Chavan
5	Safe Life with Wearable Device	201621002620	Bhushan S. Chaudhari, Shweta N. Aher, Pooja D. Godse, Snehal S. Joshi, Meera R. Patel
6	An Adaptive Honking System for No Honking Zones using Wireless Fidelity	201621002616	Bhushan S. Chaudhari, Tejas Rawal, Vinayak Yadav, Mayur Kalal, Ganesh Rane

❖ Copyright

Sr. No.	Details of Publication	Application Number	Inventors
1	Particle Swarm Optimization: An Evolving Routing Protocol in Mobile Ad-Hoc Networks	10637/2016-CO/L	Bhushan S. Chaudhari, Rajesh S. Prasad



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❖ Grants

Sr. No.	Name of the Faculty	Title of the proposal	Sanctioning Authority	Year	Granted Amount
1	Dr. Bhushan S. Chaudhari	Web Based IEEE Paper Formatting Tool	Skill Development and Entrepreneurship Department, Government of Maharashtra	2016	1,00,000/-

❖ Research Papers Presented / Published:

Sr. No.	Details of Publication	National/ International	Publisher, Vol, Indexing, impact factor	Author (s) / Editor (s)
1	A Novel Approach for Intrusion Detection in Mobile Ad-hoc Networks	International	International Journal of Networking and Virtual Organizations (IJNVO), Vol. 21, No. 3, 2019, pp. 363-378	Bhushan S. Chaudhari, Rajesh S. Prasad
2	Packet Route Optimization in Mobile Ad-Hoc Network Using Particle Swarm Optimization and Dynamic Source Routing	International	CAASR International Conference on Innovative Engineering and Technologies (CAASR-ICIET'16) held on 05-05-2016 and 06-05-2016 in Kuala Lumpur, MALAYSIA, ISBN 978-0-9948937-4-1	Bhushan S. Chaudhari, Rajesh S. Prasad



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3	Particle Swarm Optimization Based Intrusion Detection for Mobile Ad-hoc Network	International	WSEAS international conference 'Advances in Information Science and Computer Engineering' at Dubai, February 2015 ISBN: 978-1-61804-276-7, pp-477-482	Bhushan S. Chaudhari, Rajesh S. Prasad
4	Implementation Of Data Mining Algorithms For Students Data using Rapid miner: an Overview	International	International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, May 2019, Volume 6, Issue 5, pp. 309-315, 2019.	Sapna Tamboli, Bhushan Chaudhari
5	Crop Yield Prediction Using Data Mining Techniques And Machine Learning Models For Decision Support System	International	International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, April 2019, Volume 6, Issue 4, pp. 391-396, 2019.	Kusum Rao, Bhushan Chaudhari
6	Secure and Effective Spatial database Query Processing on the cloud system	International	International Journal of Emerging Technologies and Innovative Research. , ISSN: 2349-5162, Vol.6 Issue.5, 2019, pp.596-599	Ajay Sonawane, Bhushan Chaudhari
7	Realtime Electricity Monitoring and Control System Using Wireless Sensor Network	International	International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN: 2349-5162, Volume 6, Issue 5, pp. 376-378, 2019.	Ganesh Sonawane, Bhushan Chaudhari



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8	Smart Governance Through Bigdata:RTO Management System	International	International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN: 2349-5162, Volume 6, Issue 4, pp. 728-733, 2019	Roshani Torawane, Bhushan Chaudhari
9	Permission Based Android Malware Detection System: A Survey	International	International Journal of Engineering Trends and Technology (IJETT), ISSN: 2350 – 0808, 2014	Dnyaneshwar Karale, Bhushan Chaudhari
10	Software Protection Against Piracy and Reverse Engineering using Software Watermarking Technique	International	International Journal of Emerging Trends in Science and Technology (IJEST), ISSN: 2348-9480, pp-1205-1210, 2014,	Dnyaneshwar Karale, Archana Tapase, Bhushan S. Chaudhari
11	An Incrementally Deployable Data Centric Architecture Using PSO Algorithm	International	International Journal of Emerging Trends in Science and Technology (IJEST), ISSN: 2348-9480, pp-1668-1672, 2014	Poonam B.Sasale, Pooja V.Yeole, Bhushan S. Chaudhari

❖ Workshop / Seminars Attended

Sr. No.	Title of Paper	Organized / Attended	Number of Days	Year
1	Outcome Based Education	Attended	03	2019
2	QMS/ISO 9001:2015'	Attended	02	2019
3	Preparing for GATE 2016 and Career Opportunities	Attended	01	2015
4	Intellectual Property Rights (IPR)	Attended	01	2015
5	Research Methodology and IPR	Attended	08	2014



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6	Hadoop Big Data Set	Attended	05	2014
7	Mission 10X by Wipro	Attended	15	2011
8	Scilab	Attended	03	2010
9	Database Management Systems IIT's Eoutreach Workshop	Attended	15	2011
10	Faculty Development Program on Effective Teaching	Attended	07	2008
11	Object Oriented Analysis and Design using UML with Essentials of Rational Software Architect	Attended	07	2009
12	Advanced Computer Networks	Attended	15	2010

❖ Invited Talks

Sr. No.	Topic	Place	Date From-To
1	Effective Research Paper Writing	SVKM's IoT, Dhule	28/12/2019
2	Installing Ubuntu 14.10	SITRC, Nashik	21/01/2015
3	Intellectual Property Rights	SIEM, Nashik	2016

Workshop/ Conference Organized:

Sr. No.	Workshop / Conference	Place	Role
1	Agile Software Development	SITRC	Organizing Chairman
2	Spoken Tutorial Training on Core Java Programming	SITRC	Organizer
3	Spoken Tutorial Training workshop on 'Linux Operating System'	SITRC	Organizer
4	Spoken Tutorial Training workshop on 'Advanced C Programming'	SITRC	Organizer

❖ Special Achievements:

- ✓ Recognition as a Ph.D. Supervisor at Sandip University, Nashik 10/04/2019



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✓ Certified Internal Auditor for ISO, 30/01/2013

❖ Roles & Responsibilities Handled

- ✓ Worked as Head of Department, CSE Dept, SOET, Sandip University, Nashik
- ✓ Worked as SPOC for Swayam-NPTEL Chapter, Sandip University, Nashik
- ✓ Worked as chief coordinator, nodal center at Sandip University for Spoken Tutorial Training Program, IIT Mumbai
- ✓ Mentored two projects at national level 'My Innovation Contest- Smart India Hackathon-2017' organized jointly by 23 ministries of India at SITRC, Nashik
- ✓ Worked as a Paper Setter for BEIT subjects (SPPU, Pune)
- ✓ Worked as a reviewer for iPGCON 2016 (SPPU, Pune)
- ✓ Worked as a reviewer for International journal on Emerging Trends in Technology (IJETT)
- ✓ Worked as a Presiding Officer for General Elections 2014
- ✓ Initiated 'Project Sponsorship Program' for rural diploma students at IT Dept, SITRC, Nashik
- ✓ Institute level registered Spoken Tutorial Organizer: A Program by IIT, Powai
- ✓ Worked as Senior Supervisor for Theory and online exams of Savitribai Phule Pune University
- ✓ Institute level Coordinator- Competitive Examinations Guidance Cell at SITRC, Nashik
- ✓ Department level Academic Coordinator for 03 years at IT Dept, SITRC, Nashik
- ✓ Department level Project Coordinator at IT Dept, SITRC, Nashik
- ✓ Department level Internal Examination Coordinator at IT Dept, SITRC, Nashik
- ✓ Department level Research Coordinator at IT Dept, SITRC, Nashik
- ✓ Guided more than 30 UG projects and 10 PG scholars
- ✓ Submitted research proposals to government statutory bodies like BCUD, CSIR, SERB and UGC at SITRC, Nashik
- ✓ Received sponsorship for 21 DBMSL projects from Nashik based enterprises; worked as subject in charge in A. Y. 2015-16 at IT Dept, SITRC, Nashik
- ✓ Organized various seminars on 'higher education in foreign countries' and 'preparing for competitive examinations' at SITRC being institute level coordinator

❖ Member of Professional Bodies:

Sr. No.	Name of Institution/ Society	Grade of Membership	Date of Election	Whether Still a member
01	Indian Society for Technical Education	Life Member	-	Yes
02	Computer Society of India	Member	-	Yes
03	International Association of Engineers IAENG (H.K.)	Member	-	Yes



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04	International Association of Computer Science and Information Technology (IACSIT)	Member	-	Yes
05	Institute of Research Engineers and Doctors (IRED)	Member	-	Yes

❖ TECHNOLOGY PROFICIENCY

PLATFORMS : Windows, Ubuntu
PROGRAMMING LANGUAGES : C, C++, Java, HTML
OFFICE TOOLS : MS-Office, Open Office, Libre Office
DESIGN SOFTWARE : MySQL, MongoDB
ANALYSIS SOFTWARE : Matlab, R-Studio, NS2

❖ AREA OF INTEREST

AREA OF INTEREST : Swarm Intelligence, Wireless Networks
