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## Objective

Committed computer engineering professor inspiring and motivating students by providing a thorough understanding of a variety of computer concepts. Adept at explaining sometimes complex concepts in an easy-to-understand manner. Specialize in effective communications with students faculty and department heads.

## Core Qualifications

- Proficient in the basics and advanced workings of database software
- Skilled in technology programming and computing
- As Head of Department, Instrumental in department planning and operations as well as development and implementation of university policies and laws
- Capable of designing curriculum that invites thought and conversation
- Worked as Member at University Level academic monitoring committee (LIC) and institutional accreditation by NBA and NAAC.

## Experience

<b>Professor</b>	Department of Computer Engineering P.S.G.V.P.M's D.N. Patel College of Engineering, Shahada Dist: Nandurbar November-2017 - Currently
<b>Associate Professor</b>	Institute as above October-2010 - November-2017
<b>Sr. Lecturer</b>	G.H. Rasoni Institute of Engineering & Technology, Wagholi – Pune 415525 June-2008 - September-2010
<b>Lecturer</b>	P.S.G.V.P.M's D.N. Patel College of Engineering , Shahada - 425409 July-2001 - May-2008

## Education

### Ph.D. (Computer Science & Engineering)

Thesis Title : " Intrusion Detection System Based on Integration of Adaptive Genetic Algorithm With Clustering And Artificial Neural Network",  
Jodhpur National University, Jodhpur, August 2017.

Supervisor : Dr. Yogesh Sharma, JNU, Jodhpur | Co-Supervisor : Dr. Manali Kshirsagar, Principal, YCCE , Nagpur | Examiner : Dr. Maya Ingle, Director, DAVV , Indore.

### M.E. (Computer Science and Engineering)

Government College Of Engineering, Aurangabad  
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad  
CGPA: 8.25 (First Class With Distinction), August 2009.

### B.E. (Computer)

SSBT's College of Engineering & Technology, Bambhori, Jalgaon.  
North Maharashtra University, Jalgaon  
60 % (First Class), December 2000.

## Certification

- Microsoft Certified Professional Solution Developer (MCSD)  
Candidate MCP ID # 2058246 Certified since 2000
- Certificate in Web Centric Computing (NIIT, Surat)  
Technology: Core Java ,UML,MS SQL Server, 2001 , Score 73.7%
- Brainbench Certification: Transcript ID#: 1775245  
RDBMS concepts, 2007 Score :3.35

## Professional Membership

- Life Member ISTE (LMISTE) LM68405
- Institute Nominee Computer Society OF India (CSI) N1182267
- International Association of Engineers. IAENG
- ACM Computer Science Teachers Association
- Editorial Board Member, IJIRCST (ISSN: 2347 – 5552)
- Editorial Board Member, Everant Journals (ISSN: 2456-3358)

## Subject Taught (UG)

- Computer Architecture and Organization
- Database Mgmt. System
- Data Warehousing and Mining
- Human Computer Interaction etc.

## Research Interest

Machine Learning, Soft computing, Big data analytics, Human Computer Interaction, Learning Management System

## Participation

1. Seminars : Mobile Systems, Database Management Systems
2. ISTE approved STTP on" Recent Trends in Computing", Dec.2009
3. SDP : Mission 10X by WIPRO LTD., GHRIET, Pune Aug 2009.
4. One day workshop on, "Introduction to Innovation & Entrepreneurship" , Sponsored by University of Pune Under (TEQIP ), 02 Mar. 09
5. ISTE approved STTP on" Recent Trends in Computing" , 21-25 Dec. 09
6. STTP: OOAD using UML with essentials of IBM RSA, Pune 2-5 Dec 09
7. STTP : Data warehousing & IBM InfoSphere ( TEQIP ), Government College of Engineering, Aurangabad, Training by: Keysoft Solutions Private Ltd, Bangalore, 17-24 June 09
8. STTP: OOAD using UML with essentials of IBM RSA, GHRCEM Pune, Dec 2009
9. Workshop AppsFluxus-2014 National Android Apps Championship, DNPCOE, Shahada Sep. 13
10. Week ISTE Workshop on Cyber Security organized under NMEICT, MHRD Govt. of India, R.C.Patel Institute of Technology, Shirpur, July 2014.
11. Workshop: "Advanced Techniques to write and present research paper", JSPM, Hadapsar, Pune. Sep.2015
12. One Week STTP ( TEQIP -II) , " Mathematical & Statistical Approaches in Engineering Applications", Government College of Engineering, Jalgaon. June 2012
13. SDP: AICTE Sponsored SDP, " Software Applications", Godavari Foundations, Godavari College of Engineering, Jalgaon. June 2012
14. STTP: ISTE sponsored, Java Best Practices and Design Pattern, MIT, Kothrud, Pune 2009

## Conference/Workshop Organized

1. National conference on recent trends in Engineering, Convener., NMU Sponsored ,Mar. 2013
2. FDP : "Research Methodology: Concept & Tools", Coordinator. Feb 2016
3. One Week Workshop for UG Students, "Java Technology". Sep. 2016

## Publications

1. **Purushottam Patil**, Umesh Pawar, " Wi-Max", National Conference "Technomillennium 2007", pp. 17-20, MIT Aurangabad.
2. Prof.P.S.Revenkar, **Purushottam Patil**, " The Application of Data mining For Direct Marketing", Published in CSI communications, Volume 33, July 2009.
3. **Purushottam Patil**, "Integrated teaching management of computer courses using MOODLE and data mining", iCost2011 ,SSVPS B.S.Deore College of Engg., Dhule
4. Prof.P.S.Revenkar, **Purushottam Patil** , Prashant Joshi " The Application of Data mining For Direct Marketing" presented in 2nd international conference on Emerging Trends in Engg. & Tech. (ICETET09), GHRCE, Nagpur, Proceeding published by IEEE Computer Society
5. P.H.Joshi, **P.R.Patil**, S.M.Surve, " Analyzing PCA-based face recognition Algorithms: Eigen Vector selection & enhanced fisher classifier", NCACCET-2010,CCET Chandigarh, Published in ICJA ,Volume 5 ,Number 1 , June 2010. ISSN: 0973-5704
6. **Purushottam R. Patil**, Vinay T. Patil," A review: Genetic Algorithm for NIDS", pp.180-184, International Conference on "Emerging Trends in Science and Technology", School of Engineering, SSUTMS, Sehore, M.P., Aug. 22-23, 2014.
7. **\*Purushottam Patil**, Dr. Yogesh Sharma and Dr. Manali Kshirsagar, "Network Based Intrusion Detection System using Genetic Algorithm: A Study", International Journal of Emerging Trends & Technology in Computer Science (IJETTCS), , ISSN:2278-6856, Volume 3, Issue 2, March – April 2014.
8. **Purushottam R. Patil**, Vinay T. Patil," A review: Genetic Algorithm for NIDS", International Conference on "Emerging Trends in Science and Technology, SSSUTMS , Sehore, Aug. 22-23, 2014 pp.181-184
9. **\*Purushottam Patil**, Dr. Yogesh Sharma and Dr. Manali Kshirsagar, "Performance Analysis of Intrusion Detection Systems Implemented Using Hybrid Machine Learning Techniques", International Journal of Computer Applications, ISSN: 0975 – 8887, Vol.133, No. 8, Jan. 2016.
10. **\*Purushottam Patil**, Dr. Yogesh Sharma and Dr. Manali Kshirsagar, "U2R Attack Detection Using Machine Learning", International Journal For Technological Research In Engineering, ISSN: 2347–4718, March 2016.
11. **Purushottam Patil**, Dr. Yogesh Sharma and Dr. Manali Kshirsagar, " MINDS: Machine Intelligence Based Network Intrusion Detection System", International Journal of Research in Advent Technology, e-ISSN 2321–9637, April 2016.
12. **Purushottam Patil**, Dr. Yogesh Sharma and Dr. Manali Kshirsagar, "U2R Attack Detection Using Machine Learning", International Conference in Engineering, Biomedical, Management & Science (ETEBMS) - 6 March 2016 ,Presented.
13. \*Vinay T. Patil, **Purushottam R. Patil** Et.Al , "Performance and information security evolution with firewalls" International Science and technology Journal, ISSN : 16322882, Feb -2018

## References

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