


1	Name in Full	<p>Dr. Poornima G Patil B1-04, VTU Staff Quarters, Visvesvaraya Technological University, Belagavi 590018 Phone:9448866425 E-mail id: poornima_g_patil@yahoo.com, poornima.patil@vtu.ac.in</p> 
2	Date of Birth	26-07-1973
3	Qualification	BSc, MCA, M.Phil , PhD
4	Date of Entry into Services	January 2000 - Service Joined January 2014 - Joined VTU
5	Designation	Assistant Professor
6	Academic profile	
7	Positions held	Faculty Associate : S P Jain , Mumbai from January 2000 to October 2000 Lecturer : Basaveshwara Institute of Technology, Hyderabad from May 2002 – May 2005 Senior Lecturer:2007 Assistant Professor : Since 2009
8	Courses Taught	Computer Organization and Architechure, Design and Analysis of Algorithms, Parallel Algorithms, Operating Systems, System analysis and design, Database Management System, Computer Graphics, Operations Research, programming in C, C++, Java, Object Oriented Analysis and Design, Mathematical Foundations of Computer Science, Artificial Intelligence , Data Analytics using Python
9	Areas of Specialization	Image Processing, Data Mining , Pattern Recognition

10	Orientation/ Training / Refresher Courses/ Workshops and Conference attended with details	<p>Workshops :</p> <ol style="list-style-type: none"> 1. Workshop on “RIPE Atlas” on 23rd September 2019 at VTU Belagavi 2. Deep Learning with MATLAB from 31st July to 1st August 2019 3. Machine Learning with MATLAB from 29th – 30th July 2019 4. Faculty Development Program for Student Induction(FDP-SI) from 24th-26th June 2019 5. Twenty-one days Orientation Course from 18th February 2019 - 11th March 2019 at VTU Belagavi 6. IEEE workshop on Driving Innovation with IPR and Research on 17th September 2018 at VTU Belagavi 7. Workshop on “ AICTE New Model Curriculum for PG Courses” on 6/08/2018 at BNM Institute of Technology, Bengaluru 8. FDP on System Design Using System Verilog from 24th to 27th April 2018 at VTU, Belagavi 9. One week Teqip-1.3 sponsored Faculty Enrichment Program from 26-01-2018 to 30-01-2018 at VTU Belagavi 10. Two-day Faculty Development Program on “Python Application Development” from 25-11-2017 to 26-11-2017 11. Two weeks Faculty Development Program on “ Recent Advances and Challenges for Quality Assurance and Accreditation in the Higher Education for Modern World” at UBDTE, Davangere from 11th-23rd December 2017 12. “Workshop on Emerging Technologies”, at Regional Office, VTU Bengaluru on 26th September 2016 13. Faculty Development Program organized by Computer Society of India and VTU on 8th and 9th March 2016 at VTU Regional Office, Bengaluru 14. FDP on “Big Data Analytics” from 8-6-2015 to 11-06-2015 at VTU CPGS, Bengaluru 15. One week workshop on Faculty Skillsets from 12th-17th January 2015 at VTU, Bengaluru 16. IBM SEED Program “ Rational Software Architect” from 15th Oct-17th Oct 2014 at Bangalore 17. FDP on “ Research Opportunity and Challenges in Next Generation Networks “ from 7th May 2014 to 10th May 2014 at VTU, Bengaluru 18. FDP on “ Research Avenues in Computer Science” at Dayananda Sagar Institutions, Bengaluru 19. FDP on ”Role of Teachers: Challenges and Opportunities” at VTU, Belagavi on 23/2/2014 20. Author Workshop by VTU and Springer on 13th February 2014 at Bangalore University 21. Workshop on “e-Governance: Challenges and Prospects” on December 18 2012 at Bangalore university 22. Workshop on Emerging Web Technologies from 1st to 2nd February 2012 at RNSIT, Bengaluru 23. One day Orientation Program on 4th October 2008 at Dayananda Sagar Institutions, Bengaluru 24. Empowered Leadership Program during the year 2007-2008 at Dayananda Sagar Institutions, Bengaluru
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		<p>25. Workshop on Body Language on 8th July 2007 at Handwriting Institute India, Bengaluru on</p> <p>Conferences:</p> <ol style="list-style-type: none"> 1. Presented a paper titled “Real Time Analytic of Stock Market using HadBase” at National conference on Computing Technologies and Mechanical Engineering on 5th and 6th May 2015 2. Attended “ISTD – Southern Regional Conference, 2015 “ on 28-01-2015 to 29-01-2015 at VTU Regional Office, Bengaluru 3. Participated in National Conference on Applications of Real Time Systems on 2nd and 3rd November 2009 at Dayananda Sagar Institutions, Bengaluru 4. Presented a paper in National Conference on “The Scientific Aspects of Chandrayana-I and Ancient Indian Concepts on Moon” from November 29th to 30th 2007 at Dayananda Sagar Institutions, Bengaluru on 8th July 2007
11	Seminars attended with details	<ol style="list-style-type: none"> 1. Symposium on Collaborative Research on 19th and 20th August 2019 2. One day International Seminar on Digital Manufacturing on 11th May 2017 at VTU Belagavi 3. Symposium on Women Empowerment at VTU Regional Office, Bengaluru on 26th February 2016 4. One day seminar on Emerging Trends and Practices in Management and IT on 18th February 2013 at Sindhi College, Bengaluru 5. International Handwriting Summit on 27th October 2007 at Handwriting Institute India on 27th October 2007
12	Details of Publications	<ol style="list-style-type: none"> 1. Detection of Sleep Apnea Disorder Using an Adaptive Neuro-Fuzzy Classification Method by Bali, Jyoti, Nandi Anilkumar V., Hiremath, P. S., Patil Poornima, Journal of Computational and Theoretical Nanoscience, Volume 17, Numbers 9-10, pp. 4229-4234(6) September/October 2020, ISSN <u>1546-1955</u> (Print); ISSN <u>1546-1963</u> (Online) 2. Detection of Sleep Apnea in ECG Signal Using Pan-Tompkins Algorithm and ANN Classifiers, Jyoti S Bali, Anilkumar Nandi, P.S. Hiremath and Poornima G. Patil in COMPUSOFT, 2018, ISSN 2320-0790 3. Detection of Sleep Apnea from ECG signals using WT and ANN classifiers by Jyoti S Bali, Anilkumar V Nandi, P.S. Hiremath and Poornima G. Patil, IPASJ International Journal of Electrical Engineering (IJEE), 2018, ISSN 2321-600X 4. A survey on Fingerprint Identification Techniques by Parvathy J, Poornima G Patil, International journal for Applied Science & Engineering Technology (IJRASET), 2018, ISSN 2321-9653

5. A Survey of Sarcasm Detection in Social Media by Haripriya V, Poornima G Patil, International journal for Applied Science & Engineering Technology (IJRASET), 2017, ISSN 2321-9653

6. Improving the Selection of Features using Fuzzy C-Means Clustering Technique) by Poornima G Patil, Ravindra S Hegadi, International Journal of Engineering Research and Technology (IJERT), 2014, ISSN: 2278-0181

7. Classification of Offline handwritten Signatures using Wavelets and a Pattern Recognition Neural Network, by Poornima G Patil, Ravindra S Hegadi, International Journal of Computer Applications, 2014, ISSN 0975-8887

8. Offline Handwritten Signatures Classification Using Wavelets and Support Vector Machines by Poornima G. Patil and Ravindra S Hegadi, International Journal of Engineering Science and Innovative Technology (IJESIT), 2013, Volume 2, Issue 4, , ISSN: 2319-5967

9. Offline Handwritten Signatures Classification Using Wavelet Packets and Level Based Scoring by Poornima G Patil, Ravindra S Hegadi, International Journal of Engineering and Technology, 2013, ISSN 2319-8613

10. Wavelet Based Approach for Off Line Handwritten Signatures by Poornima G. Patil and Ravindra S Hegadi, CiiT International Journal of Biometrics and Bioinformatics, 2012, ISSN-0974-9675

13	Paper Reviewer	<ol style="list-style-type: none"> 1. ICEECCOT International Conference 2019 2. ICEECCOT International Conference 2021 3. ICACSE International Conference 2021 4. Reviewed a chapter for an edited book in the field of Big Data for Industry 4.0/Education 4.0 edited by Prof. P. Kaliraj, Hon'ble Vice-Chancellor and Prof. T. Devi of esteemed Bharathiar University, 2020
14	Details of extension Services (Association with Social Organization)	-----
15	Details of Consultation Industry / Business other Institutions.	-----
16	Invitation as Guest faculty /Programmes done	<ol style="list-style-type: none"> 1.Lecture on “ Digital Image Processing: Discussion: “ A Study on Classification of Handwritten Signatures using Wavelet Based Methods” at Christ university, Bengaluru on 5/5/2015 2.chaired the session in the National Conference on Recent Advances in Information Technology , 15-16 February 2014 3.Lecture on “ Emerging IT Technologies of IT” at St.Anne’s Degree College for Women, Bengaluru on 5th July 2013 4.Speaker on the topic “ Image Mining” at National Seminar on Emerging trends in information technology at St.Francis de sales college , Bengaluru on 21st December 2011
17	Representation on BOS/ Syllabus committees of Universities	Member of BoS, MCA program of Gogte Institute of Technology for the year 2020
18	Details of Research Guidance	
19	Number of Research scholars	4
20	Number of students register for Ph.D program	4

22	No of Ph.D in progress	4				
23	Any other Information	<p>1.Worked in the position of Coordinator for VTU-RRC(Resource Research Centre)</p> <p>2.Special Officer For PhD Section</p> <p>3. Special Officer for academic section for Affiliation process</p>				
24	No. of student for mentoring (Category wise)					
		Year	SC	ST	OBC	GEN
		2013-2014	2	2	2	8
		2014-2015	2	2	2	6
		2015-2016	1	1	1	2
		2016-2017	2	1	2	9
		2017-2018	1	1	1	4
		2018-2019	1	1	1	2
		2020-2021	1	1	1	1
25	Professional Summary / Work Experience	18 + years of teaching and 13 years of Research experience				
26	Professional Memberships	NIL				

