

1	Name in Full	<ul style="list-style-type: none"> <li>• <b>Name: Ms. BHAVANA R.MAALE</b></li> <li>• <b>Address: Assistant. Professor, Dept of Computer Science &amp; Engg VTU CPGS,KALABURAGI</b></li> <li>• <b>Phone: 9480241163</b></li> <li>• <b>E-mail id: sg.bhavana@vtu.ac.in , sg.bhavana@gmail.com</b></li> </ul>	
2	Date of Birth	08/09/1986	
3	Qualification	BE,M.TECH,(Ph.D)	
4	Date of Entry into Services	01/01/2014	
5	Designation	Assistant. Professor	
6	Academic profile	PG=9.07% UG=62%	
7	Positions held	Assistant. Professor	
8	Courses Taught	Advances in computer architecture, Advanced Algorithms, Advances in database management system, Advances in operating system, Managing Big data, Artificial Intelligence & agent technology, Machine learning techniques, Multi core programming & architecture, Data Science, Internet of Things, Wireless network & mobile computing.	
9	Areas of Specialization	Image Processing, Machine Learning, Artificial Intelligence and Data mining.	
10	Orientation/ Training / Refresher Courses/ Workshops and Conference attended with details	<p>1.TEQIP –II sponsored One week national winter training program on Big data &amp; Hadoop in association with EDC IIT Roorkee.29 feb to 4<sup>th</sup> march 2016.</p> <p>2.One week National Workshop on Python Programming and IOT, KCT Engg college, Kalaburagi from 29-01-18 To 03-02-18.</p> <p>3. Two weeks AICTE Sponsored FDP on Biomedical signal processing and analysis for cognitive neuroscience study from 1<sup>st</sup> to 12<sup>th</sup> jan 2018 PDA College of Engg, Kalaburagi.</p>	

		<p>4. One week National Workshop on Python Programming and IOT, from 29<sup>th</sup> January to 3<sup>rd</sup> Feb 2018, KCT Engineering college, Kalaburagi.</p> <p>5. TEQIP 1.3 sponsored one week faculty enrichment programme on Discrete Mathematical Structures, from 27-31, July 2018, VTU, Centre for PG Studies, Kalaburagi.</p> <p>6. TEQIP 1.3 Sponsored 21 days Faculty orientation program @ VTU, BELAGAVI. 18-02-2019 To 11-03-2019.</p> <p>7. TEQIP 1.3 sponsored one week faculty development programme on IOT Trends &amp; Strategies with Machine Learning, from 30<sup>th</sup> Dec 2019 to 04 January 2020, VTU, Department of CSE, Centre for PG Studies, Kalaburagi.</p> <p>8. TEQIP 1.3 sponsored one week faculty development programme on Applications of IOT Technology with Industry and Smart city Perspective, from 17<sup>th</sup> to 21 August 2019, Department of CSE, PDA College of Engg, Kalaburagi.</p> <p>9. One week online faculty development ON Exemplary Practices in Teaching-Learning and Evaluation of Courses in Computer Science &amp; Information Technology. 3<sup>rd</sup> to 7<sup>th</sup> August 2020, Jointly organized by VTU, Department of CSE, Centre for PG Studies, Kalaburagi and IIIT, Allahabad.</p> <p>10. AICTE sponsored six day Online Short Term Training Programme on 'Machine Learning, Pattern Recognition and their Applications' from 14-12-2020 to 19-12-2020 organized by Department of Information Technology, St. Thomas' College of Engineering &amp; Technology (All programmes are NBA Accredited, AICTE Approved and Affiliated to MAKAUT, WB).</p>
11	Seminars attended with details	<b>NIL</b>
12	Details of Publications	<p>1) Bhavana "ANCHOR: A Stable Matching Framework for Managing Cloud Resources" International Journal of Emerging Trends in Engineering and Development, Vol.4, Issue 4, (June-July 2014) ISSN 2249-6149, PP 1-10.</p> <p>2) Bhavana "Enhancement of Security Levels Using a Secure Intrusion Detection</p>

	<p>System in Manets” IOSR Journal of Computer Engineering (IOSR-JCE) Volume 16, Issue 3, Ver. V (May-Jun. 2014), e-ISSN No: 2278-0661, p-ISSN: 2278-8727 , PP.1-6.</p> <p>3) Bhavana “Accessing Private Network via Firewall Based On Preset Threshold Value” IOSR Journal of Computer Engineering (IOSR-JCE) Volume 16, Issue 3, Ver. V (May-Jun. 2014), e-ISSN No:2278-0661, p-ISSN: 2278-8727 , pp.1-6.</p> <p>4) Bhavana “A Study of Various Spoofing Attacks and Attackers in Wireless Networks” IOSR Journal of Computer Engineering (IOSR-JCE) Volume 16, Issue 3, Ver. V (May-Jun. 2014), e-ISSN No:2278-0661, p-ISSN: 2278-8727 ,PP 1-5.</p> <p>5) Bhavana “countermeasure selection for virtual network systems using network intrusion detection” International Journal of Computer Engineering and Applications, Volume IX, Issue VIII, August 2015 ISSN 2321-3469.</p> <p>6) Bhavana ”secure continuous in-network aggregation in wireless sensor networks” International Journal of Engineering Technology, Management and Applied Sciences. IJETMAS June 2015, Volume 3, Issue 6, ISSN 2349-4476.</p> <p>7) Bhavana “An effective approach for error reducing framework for restricts to a particular place jammers in wireless networks.” International Journal of Computer Science and Mobile Computing Volume 4 Issue 6, June 2015. ISSN 2320–088X.</p> <p>8) Bhavana “identification of scene text by character descriptor in smart mobile devices” International Journal of Engineering Research and General Science IJERGS Volume 3, Issue 3, Part-2,May-June, 2015, ISSN 2091-2730.</p> <p>9) Bhavana “Image forensic detection by color illumination approach” International Journal of Engineering Research and General Science Volume 3, Issue 4, 2015.</p> <p>10) Bhavana “Secure Data Retrieval in WSN using CP-ABE” International journal of engineering sciences &amp; research technology Vol.04, ISSN: 2277-9655 ,May, 2016 PP 194-198</p> <p>11) Bhavana “providing efficient security for user uploaded images on social</p>
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	<p>Networks”Vol.04, ISSN: 2277-9655, May, 2016, PP 194-198.</p> <p>12) Bhavana “Bilayer Hyper spectral Image Classification using K-Means and Prediction Methods “International Journal of Engineering Technology, Volume 4 ISSN 2349-4476 April 2016, PP 249-255</p> <p>13) Bhavana “POS Tagging for Tweet Segmentation Using Stanford Parser” International Journal of Engineering Science and Computing, Volume 6 Issue No. 5, ISSN 2321 3361, May 2016,PP 6092- 6095.</p> <p>14) Bhavana ” Multi Focus Image Fusion using Logarithmic NSCT” International Research Journal of Engineering and Technology (IRJET), Volume 3 Issue 5 May 2016.</p> <p>15. Bhavana, “ Implementation of gesture recognition system using shape based feature” International Journal of Engineering Development and Research, Volume 6, Issue 3   ISSN: 2321-9939, pp 487-493 2018.</p> <p>16. Bhavana, “Creating Storyboard of Social Event from Advertorial Data” International Journal of Scientific Development and Research Volume 3, Issue 7, <a href="#">ISSN 2229-5518</a>, PP 91-95,2018.</p> <p>17. Bhavana, “Detection of Emotions and mood using IoT, Android and Machine Learning” International Journal of Scientific Research in Computer Science, Engineering and Information Technology, Volume 3   Issue 5   ISSN 2456-3307, pp.646-652,2018.</p> <p>18.Bhavana, “Anticipating Bradycardia in Preterm Infants Consuming Point Procedure Study of Heart Rate” International Journal of Computer Science and Information Technology Research, Vol. 6, Issue ISSN 2348-1196 pp.217-229 2018.</p> <p>19.Bhavana, “Recognition and Classification of Various Dance Forms by Using SVM Classifier” International Journal of Research in Advent Technology, Vol.7, No.6, June 2019 E-ISSN: 2321-9637, PP.99-102,2019.</p> <p>20.Bhavana, “A new approach for detecting license plate and recognizing”</p>
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	<p>International journal of engineering sciences &amp; research technology, ISSN: 2277-9655 PP 377-383, 2019.</p> <p>21.Bhavana, “Detection of Anemia from Image of Anterior Conjunctiva” International Journal of Computer Science And Technology, Vol. 10, Issue 2, April - June 2019, ISSN : 0976-8491 (Online)   ISSN : 2229-4333 PP.47-50 2019.</p> <p>22.Bhavana, “ROI Based Pixel Segmentation for Human Blood Type Classification by Neural Network” International Journal of Computer Sciences and Engineering, Vol.-7, Issue-7, July2019 E-ISSN: 2347-2693, PP.1-6,2019.</p> <p>23.Bhavana R,“A Survey On Motion Analysis In Dance Recognition”, International Journal of Engineering Development and Research ((IJEDR),Volume 7, Issue 3   ISSN: 2321-9939,pp.258-262,2019.</p> <p>24.Bhavana R, “Segmentation of An Indian Classical Dance Videos using Different Segmentation Methods”, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-2,pp.982-986, December 2019(Indexed in Scopus).</p> <p>25.Bhavana R , “Database of an Indian Classical Dance Videos with Different Actions”,International Journal of Science and Advanced Information Technology, Volume 9, No.5, ISSN 2278-3083,pp.8-11,September - October 2020.</p> <p>26.Bhavana R, “Normalized Chain Codes and Oriented Distances based Bharatanatyam Hand Gesture Recognition” International Journal for Research in Applied Science &amp; Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429 Volume 8 Issue VII July 2020.</p> <p>27.Bhavana R, “Semi-Supervised Image-to-Video Adaptation for Video Action Recognition”, International Journal of Creative Research Thoughts (IJCRT), Volume 8, Issue 8 August 2020   ISSN: 2320-2882.</p> <p>28.Bhavana R Maale, “Scheme for Single-Hand Gestures of Sattriya Dance based on Two-Level Classification” International Journal of Scientific Development and</p>
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	<p>Research (IJS DR) Volume 5, Issue 7, ISSN: 2455-2631, July 2020 IJS DR.</p> <p>29. Bhavana R Maale, “Fingerprint Identification in Infants” , R Maale <i>et al.</i>, International Journal of Wireless Communications and Network Technologies, 9(4), June - July 2020, 6 – 9, Volume 9, No.4, ISSN 2319 - 6629 ,June - July 2020.</p> <p>30. Bhavana R Maale, “ The Image Segmentation Based On K-Means With MAP”, International Journal of Networks and Systems, Volume 9, No.4, ISSN 2319 - 5975 ,June - July 2020. <a href="https://doi.org/10.30534/ijns/2020/01942020">https://doi.org/10.30534/ijns/2020/01942020</a>.</p> <p>31. Bhavana R Maale, “ Detection of Dancer using Morphological Operations”, International Journal of Innovative Science and Research Technology, Volume 6, Issue 1, ISSN No:-2456-2165 ,pp.513-515,January – 2021.</p> <p>32. Bhavana R, “Face Detection Using Haar Cascade Classifiers”, International Journal of Science and Research (IJSR), Volume 10 Issue 3, ISSN: 2319-7064, SJIF (2019): 7.583,pp.1179-1182, DOI: 10.21275/SR21306204717, March 2021.</p> <p>33. Bhavana R, “Background Subtraction of an Indian Classical Dance Videos using Adaptive Temporal Averaging Method”, , International Journal of Science and Advanced Information Technology, Volume 10, No.3, ISSN 2278-3083, pp.16-19, May - June 2021.</p> <p>34. Bhavana R “Indian Classical Dance Detection using Nonlinear SVM Methods, International Journal of Computing and Digital Systems, ISSN (2210-142X),pp.1-12,2021.(Indexed in Scopus).</p> <p>35. Ms. Bhavana R. Maale, “Action Classification Using Bharathnatyam Dataset Based On Deep Learning”, International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211 Volume 9, Issue 8, August -2021, Impact Factor: 7.429.</p> <p>36. Bhavana R Maale, “Extremist Reviewer Groups Detection and Characterizing in Online Product Reviews” Science, Technology and Development, Volume X Issue VIII AUGUST 2021.</p>
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37. Bhavana R M, “Recognition of Facial Expressions Based on Adaptive Deep Learning”, Journal of Huazhong University of Science and Technology, Vol 50, Issue 8, ISSN-1671-4512.
38. Bhavana R M, “Action identification and classification of indian classical dance using convolutional neural networks” Journal of Huazhong University of Science and Technology, Vol 50, Issue 7, ISSN-1671-4512.
39. Bhavana R M, “RGB images based human posture recognition: an aggregate model” International Journal of Multidisciplinary Educational Research, ISSN:2277-7881; IMPACT FACTOR :7.816(2021); IC VALUE:5.16; ISI VALUE:2.286 Peer Reviewed and Refereed Journal: VOLUME:10, ISSUE:7(3), July: 2021.
40. Bhavana R M , “Neural Network Music Genre Classification” International Journal of Research Publication and Reviews, Vol (2) Issue (7) (2021) Page 1826-1830.
41. Bhavana R.M, “ Recognition of Facial Expression based on adaptive learning” Journal of Huazhong University of Science and Technology, ISSN-1671-4512, Vol 50, Issue 8, pp 1-8, 2021.
42. Bhavana R Maale, “Extremist Reviewer Groups Detection and Characterizing in Online Product Reviews” Science, Technology and Development, Volume X Issue VIII , ISSN : 0950-0707 ,pp.190-194,AUGUST 2021.
43. Ms. Bhavana R. Maale, “RGB IMAGES BASED HUMAN POSTURE RECOGNITION: AN AGGREGATE MODEL” International Journal of Multidisciplinary Educational Research, ISSN:2277-7881; IMPACT FACTOR :7.816(2021); IC VALUE:5.16; ISI VALUE:2.286 Peer Reviewed and Refereed Journal: VOLUME:10, ISSUE:7(3), July: 2021 Scopus Review ID: A2B96D3ACF3FEA2A Article Received: 4th July Publication Date:30th July 2021.
44. Ms. Bhavana R. Maale, “Action Classification Using Bharathnatyam Dataset Based On Deep Learning” International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211 Volume 9, Issue 8, August -2021,

		<p>Impact Factor: 7.429.</p> <p>45. Bhavana R Maale, “ACTION IDENTIFICATION AND CLASSIFICATION OF INDIAN CLASSICAL DANCE USING CONVOLUTIONAL NEURAL NETWORKS” Journal of Huazhong University of Science and Technology, Vol 50, Issue 7.</p> <p>46. Bhavana R Maale, “Neural Network Music Genre Classification”, International Journal of Research Publication and Reviews Vol (2) Issue (7) (2021) Page 1826-1830.</p> <p style="text-align: center;"><b>Patent</b></p> <p>1. Bhavana R. “Process for identification and classification of dance types and system thereof”, Official journal of the Indian patent office, Application No.201941037608 A, Journal Number- 39/2019, Publication Date : 27/09/2019. Applied for Patent Granting</p> <p>2. Bhavana R, “Method and systems for detecting an infected person and taking prevention measures thereof” Patent number:2020103093, Australian patent granted on 16 Dec 2020.</p>
13	Paper Reviewer	<b><i>Asian Journal of Research in Computer Science, Certificate No: SDI/HQ/PR/Cert/75035/BHA</i></b>
14	Details of extension Services (Association with Social Organization)	NIL
15	Details of Consultation Industry / Business other Institutions.	NIL
16	Invitation as Guest faculty /Programmes done	NIL
17	Representation on BOS/ Syllabus committees of Universities	NIL
18	Details of Research Guidance	NIL
19	Number of Research scholars	NIL
20	Number of students register for Ph.D program	NIL



21	No of students registered for Ph.D	NIL				
22	No of Ph.D in progress	NIL				
23	Any other Information	NIL				
24	No. of student for mentoring (Category wise)	<ul style="list-style-type: none"> <li>• Category wise</li> <li>• Gender wise</li> <li>• Caste wise</li> </ul>				
		<b>Year</b>	<b>SC</b>	<b>ST</b>	<b>OBC</b>	<b>GEN</b>
		<b>2015-2016</b>	1	-	5	-
		<b>2016-2017</b>	-	1	2	2
		<b>2017-2018</b>	1	-	5	-
		<b>2018-2019</b>	1	-	4	1
<b>2019-2020</b>	-	-	8	1		
25	Professional Summary / Work Experience	10 YEARS 2 MONTHS				
26	Professional Memberships	ISTE				