

Dr Anuradha S.G B.E, M.Tech, Ph.D, MISTE, MIFERP
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Career Objective: To pursue a challenging career and be part of progressive organization that gives scope to enhance my knowledge, skills and to reach the pinnacle in the area of Computer Vision, Image Processing and Machine learning research field with determination, dedication and hard work.

Academic Profile:

Examination Passed	University/Board	Year	%Marks Obtained	Class
B.E(CSE)	VTU	2005	68.62	First Class
M.Tech (CNE)	VTU	2007	8.03 CGPA A Grade	First Class with Distinction
PhD in Computer Science and Engineering				
<ul style="list-style-type: none"> • Doctor of Philosophy in Computer Science and Engineering for the thesis entitled "Segmentation of Images using Local and Region Features" JNTUA 2016. 				

Work Experience:

- **Working as Associate Professor in the Department of Computer Science and Engineering at RYMEC Ballari from 1-1-2017 till date.**
- 6 months of work experience as an intern at MASCON GLOBAL LIMITED Bangalore.
- Pursued research in the Department of Computer Science and Engineering at JNTUA in the field of Image Processing. I have attended 8 research review meetings held during 2009-2015 and the review reports are satisfactory. Related to my research work registered, I have published 8 research papers in international conferences and journals.
- Pre-submission seminar was conducted on 23-5-16 and a satisfactory report is given by JNTUA expert committee members.

- The thesis entitled “Segmentation of Images using Local and Region Features” is admitted by the executive council to the degree of Doctor of Philosophy in Computer Science and Engineering.
- Total of 10 years of teaching experience in the department of Computer Science and Engineering at RYMEC, Ballari.

Interaction with outside world

- **Certified trainer from Microsoft for Dot Net Framework and C# Programming** from 2005 till date.
- **Life member of Indian Society for Technical Education [ISTE]**, professional, non-profit Society registered under the Indian Societies Registration Act of 1860.
- **Professional Member of Institute For Engineering Research and Publication [IFERP]**
- **National Advisory Committee member of International Conference on Wearable Technologies -2017On22nd -23rd June2017 Organized by Dayananda Sagar University, School of Engineering, Bangalore and Institute For Engineering Research and Publication(IFERP).**
- Worked as Infosys Campus Connect trainer during the academic year 2007-2008.
- Presented an invited talk on “**Outcome Based Education and NBA Accreditation Process**” at P.V.K.K Institute of Technology, Affiliated to JNTUA during academic year 2015-2016.
- Obtained Honour Code in “**Pedagogy for effective use of ICT for school teachers**” a course of study offered by **IITBombayX**, an online learning initiative of Indian Institute of Technology Bombay during 2015-16.
- Obtained Honour Code in “**Technical Communication for Scientists and Engineers**” a course of study offered by **IITBombayX**, an online learning initiative of Indian Institute of Technology Bombay” during 2016-17.
- Working as **Single Point of Contact (SPOC)** coordinator for MOOC and Online Courses NPTEL (**National Programme on Technology Enhanced Learning**).

Projects and Work Done:

- Worked as a team member in Mascon Global Limited project (**Multimedia Streaming in Real Time using IPTV project in rural area**). Conducted survey to understand the feasibility and demand for the IPTV project. Based on the statistics draw graphs and analyze the survey results.

Also they involved me in Idea Evaluation to check whether the Ideas given by the people are new and patentable.

- Attended various FDP and workshops at National level and also presented the research articles at both national and international level conferences.
- Published research articles in peer reviewed international journals and also contributed work to book chapters.
- Working as the team member at Institutional level SAR (NBA) committee.
- Working as the Parent-Teacher coordinator and Department News letter convener for department of Computer Science and Engineering, RYMEC Ballari.
- Guided 4 M.Tech projects and 9 B.E projects.
- Taken classes for M.Tech(CSE)and B.E (CSE)
- Taken Classes for M.Sc and MCA students at INDIRA GANDHI NATIONAL OPEN UNIVERSITY (IGNOU) study centre Veerashiava College, Cantonment Ballari.

Technical Skills:

Programming languages: C, C++, VC++, VB.Net, C#, JAVA, Matlab, ASP.NET

Freeware: OPENGL and OPENCV

Back end: ORACLE 9i

Operating System: Windows and Linux operating system.

Field of interest: Domain Specializations includes Pattern Recognition, Machine learning, Digital Image Processing, Computer Vision, and Computer Graphics.

Subject Taught: C, C# and .NET Programming, Java, Computer Organization, Operating System, Database Management Systems and Advanced Database Management Systems, Data Communication, Computer Networks and Advanced Computer Networks, Network Management Systems, Storage Area Networks, Computer Graphics using OPENGL, Data Compression, Digital Image Processing, and Pattern Recognition ,Internet of Things.

Personal Profile:

Name: Anuradha.S.G

Gender: Female

Date of birth: 13-9-1983

Marital status: Married

Nationality: Indian

Husband's Name: Suresh.T

Linguistic Ability: English, Hindi, Kannada, Sanskrit

Present Address: Anuradha.S.G

HNo 72 Veeranagouda Colony,

Near Fire Station, Ballari-583103.

Phone: 08392-268485.Mobile :9449975860

Personal Strength: Hard working, Leadership skills and Self-confidence.

Declaration: I hereby declare that all the details furnished above are true to the best of my knowledge and belief.

Dr. Anuradha.S.G

International journals

1. **“Review of Active and video Segmentation”**, Anuradha.S.G, Wahidha Banu.S International Journal of Technology & Engineering Science 2013.IJTES E-print.
2. **“Video Segmentation for Moving Object Detection Using Local Change and Entropy Adaptive Window Thresholding”**, Anuradha.S.G, Dr.K.Karibasappa, Dr. B. Eswara Reddy, proceedings of Computer Science & Information Technology (CS & IT) ITCSE, ICDIP,ICAIT - 2013 pp. 155–166, 2013. © CS & IT-CSCP 2013. DOI : 10.5121/csit.2013.391
3. **“Morphological Image Processing Approach of Vehicle Detection for Real-Time Traffic Analysis”**, Prutha.Y.M, Anuradha.S.G proceedings of International Journal of Computer Science and Engineering (IJCSE), May 2014,volume-2,Issue-5, E-ISSN:2347-2693, pp 88-92.
4. **“Morphological Image Processing Approach of Vehicle Detection for Real-Time Traffic Analysis”**, Prutha.Y.M, Anuradha.S.G proceedings of International Journal of Engineering Research & Technology (IJERT), volume-3, Issue-5, May 2014, ISSN: 2278-0181, pp 1452-1456.
5. **“Fog Computing To Protect Real And Sensitivity Information In Cloud”**, Thogaricheti Ashwini, Anuradha.S.G, proceedings of International Journals Of Electronics And Computer Science Engineering (IJECS) 2014, volume 4-No:1, pp19-29, ISSN-2277-1956.
6. **“Combining Spectral And Texture Feature For Image Segmentation Using Sensed Images”**, Anuradha.S.G, Nagraj Rathod, proceedings of International Journal Of Research in Information Technology (IJRIT), volume-3, Issue-10, oct 2015, pp 62-72, ISSN 2001-5569.
7. **“Video Segmentation for Moving Object Detection & Tracking- A Review”**, Anuradha.S.G, Dr.K.Karibasappa, Dr.B.Eswar Reddy proceedings of International Journal of Computer Science (IJCS) publication in IPASJ, volume-3, Issue-5, May-2015, ISSN: 2321-5992, pp 36-50.
8. **“Morphological Change Detection System for Real Time Traffic Analysis”**, Anuradha.S.G, Dr.K.Karibasappa, Dr. B. Eswara Reddy, proceedings of International

- Journal of Signal Processing, Image Processing and Pattern Recognition, Volume-8, No:8, 2015, pp 143-150. <http://dx.doi.org/10.14257/ijcip.2015.8.8.16>
9. **“Automated Face Detection & Recognition For Detecting Impersonation of Candidate in Examination System”**, Anuradha S.G., Kavya.B, Akshatha.S, Kothapalli Jyothi, Gudipati Ashalatha, for the proceedings of International Journal of Scientific & Engineering Research (IJSER) volume 7, Issue 3, March 2016, ISSN 2229-5518.
 10. **“Assistive clothing pattern Recognition For Impaired People”**, Thogaricheti Ashwini, Mrs. Anuradha S.G for the proceedings of International Journal Of Advanced Research In Computer And Communication Engineering (IJARCCE) volume 5, issue 4, April 2016, ISSN (Online) :- 2278-1021 , Paper Id :- IJARCCE.2016.54163, DOI 10.17148/IJARCCE.2016.54163 .
 11. **“Clothing Color and Pattern Recognition for Impaired People”**, Mrs. Anuradha S.G. for the proceedings of International Journal of Engineering and Computer Science (IJECS). Volume 5, issue 4, April 2016. ISSN 2319-7242, DOI: 10.18535/ijecs/v5i4.51.
 12. **“Target Seg: A GUI for Image Segmentation using Morphological Watershed and Graph cut Techniques”**, Anuradha.S.G ¹ , K.Karibasappa ² , B.Eswar Reddy ³, for the proceedings of International Journal of Signal Processing, Image Processing and Pattern Recognition Vol.9, No.3 (2016), pp.167-178, ISSN: 2005-4254 IJSIP Copyright © 2016 SERSC, <http://dx.doi.org/10.14257/ijcip.2016.9.3.15>
 13. Anuradha.S.G, Dr.K.Karibasappa, Dr.B.Eswara Reddy, **“A Segmentation Scheme based on Uniform LBP and Morphological approach”** Published by GVIP Journal ICGST-GVIP journal emphasizes on graphics, vision and image processing. GVIP Journal ISSN Print 1687-398X ISSN Online 1687-3998, Volume 16, Issue 1, pp 37-45, ISSN CD-ROM 1687-4005 .The impact factor of GVIP is 1.51.
 14. Anuradha.S.G, Dr.K.Karibasappa, Dr.B.Eswara Reddy, **"Image Segmentation Based on LDP with Morphological Treatment"** Journal of Theoretical and Applied Information

Technology (05 February 2016) conditionally accepted for publication after Peer double blind Review. Publication dues to be submitted for publication in upcoming issues of JATIT.

15.Anuradha.S.G, Dr.K.Karibasappa, Dr.B.Eswara Reddy, **“Texture Segmentation Using Threshold Based Micro Texture Unit Approach”**, International Journal of Applied Engineering Research ISSN 0973-4562 Volume 11, Number 8 (2016) pp 6063-6080 © Research India Publications.

16.Anuradha.S.G, Dr.K.Karibasappa, Dr.B.Eswara Reddy, **“A segmentation approach for noisy images based on local attributes”**, communicated to International Journal of Science and Technology.

Book Chapters

1. **“Morphological Change Detection System for Real-Time Traffic Analysis”** In book: Emerging Research in Computing, Information, Communication and Applications, pp.449-459 DOI: 10.1007/978-981-10-0287-8_42.
2. **"Moving object detection and tracking in real time"**, Handbook of Research on Applied Video Processing and Mining"<http://www.igglobal.com/submission/submit-chapter/?projectid=f1c0a8b5-f610-4da7-b4d6-b35027e31629> accepted for publication in the upcoming edition.

INTERNATIONAL CONFERENCES

1. **“Cryptography & Network Security”**, Anuradha.S.G ifip’05 Jan 06, 2006 in the proceedings of NCRT at KLE Society Belgaum.
2. **“Layered Representation for Image Coding”**, Anuradha.S.G, Dr. K. Karibasappa, proceedings of National Conference on Informatics Nellore, Dec 27th 2008, Andhra Pradesh, India.
3. **“Digital Image Protector”**, Anuradha.S.G, Dr.K.Karibasappa, Proceedings of NCACA-09, May 7th & 8th 2009, SSIT, Tumkur.pp 169-175.
4. **“Image Segmentation using Region Based approach”**, Anuradha.S.G, Dr.K.Karibasappa, proceedings of National Conference on Recent trends in soft computing, new college of Engineering, Bangalore 24th & 25th April 2009(NCRSTC-09) pp 47-56.
5. **“A Color Document Image Representation on DIGI-PAPER”**, Anuradha.S.G, Dr.K.Karibasappa, proceedings of National Conference on Information Technology (NCIT-2009) B.I.T, Bangalore 30th march 2009, pp223-228.
6. **“Active Visual Segmentation”**, Anuradha.S.G, Wahidha Banu.S in the proceedings of 8th National Conference on Recent Trends in computer science & Engineering (NCRTCSE-13), SJB Institute of Technology, Bangalore. pp 105-111.
7. **“Review of Active and video Segmentation”**, Anuradha.S.G, Wahidha Banu.S in the proceedings of MRNC Hyd 19th & 20th july 2013.
8. **“Video segmentation for Moving Object Detection Using Local Change & Entropy based adaptive window Thresholding”**, Anuradha.S.G, Dr.K.Karibasappa, Dr.B.Eswara Reddy, Proceedings of Second International Conference On Digital Image Processing and Vision (ICDIP), ITCSE<ICAIT-2013,pp 155-166,2013.
9. **“Morphological Image Processing Approach of Vehicle Detection for Real-Time Traffic Analysis”**, Prutha.Y.M, Anuradha.S.G proceedings of 2nd National Conference on

Recent Advances in Science, Engineering and Technology (NCRASET-14), May 2014,SVCE,Bangalore.

10. **“Morphological Change Detection System for Real Time Traffic Analysis”**, Anuradha.S.G, Dr.K.Karibasappa, Dr.B.Eswara Reddy, 2015 IEEE International Conference on Computer Graphics, Vision and Information Security (CGVIS) 2-3 Nov.2015, Page(s):237–242,PrintISBN:978-1-4673-7436-1,INSPECAccession Number:15918673,DOI:[10.1109/CGVIS.2015.7449928](https://doi.org/10.1109/CGVIS.2015.7449928),Publisher:IEEE.
11. **“Assistive clothing Pattern Recognition For Impaired People”**, Thogaricheti Ashwini, Mrs. Anuradha S.G. for the Proceedings of International Conference On Mechanical, Civil, Electronics Communication And Computer Science Engineering (ICMCECE-2016) April 2016 at BTI (Bangalore Technological Institute) Bangalore.
12. **“Automated Face Detection & Recognition For Detecting Impersonation of Candidate in Examination System”**, Anuradha S.G., Kavya.B, Akshatha.S, Kothapalli Jyothi, Gudipati Ashalatha, for the proceedings of International Conference on Advances in Computing Logic, Technology And Sciences-2016 at Anantha Lakshmi Institute of Technology & Sciences, Ananthapuramu, Andra Pradesh., ISSN 978-93-85818-80-16, pp:140-149.

