

CURRICULUM VITAE

Dr. S. Bhuvaneswari
drbhuvanamagesh@gmail.com

Contact. No.:

Mobile : 9894099369

Permanent Address

108 Second cross,
KRM Nagar,
Annamalai Nagar,
Cuddalore, PIN 608002

Personal Data

Father's Name : Subramanian N
Father's Profession : Tahsildar (Rtd.)

Date of Birth : 04.04.1979

Gender : Female

Nationality : Indian

Marital Status : Married

Languages Known : Tamil & English

:

Objective

To work in a rewarding and challenging teaching position in a well reputed Educational Institution in the field of Computer Science and Applications and will utilize my technical as well as teaching and managerial abilities.

Education

- Ph.D., – c o m p u t e r s c i e n c e , Annamalai University **HIGHLY COMMANDED.**
- M.Phil., Computer Science., - Annamalai University.–Firstclass
- MCA.-Annamalai University.–72% -First class
- UG - Bharathidasan University– First class-65%
- DCO - Indira Gandhi National Open University – A+ - Distinction
- ClassXII(GroupI-Biology)–SVS Hr.Sec.School,Trichy.–79%
- ClassX-Savithri VidyasalaHr.Sec.School,Trichy.–90%

Software Proficiency

- | | |
|-------------|------------------------------------|
| • Packages | MS-Office, Pagemaker, Coreldraw, |
| • Languages | C,C++, Java, Oracle, Visual Basic, |
| | Dot.Net, HTML, PHP, ASP, XML JAVA |
| : | SCRIPT, MATLAB |
| • Database | : FOX PRO, MS-Access, MySQL |

Key Strengths

- Reliability
- Able to work under pressure.
- Problem Solving Skills
- Team work
- Hard working
- Self Confidence.
- Communication Skills
- Passion for learning
- Can able to handle different behaviours at a set.
- Highly research interested.

CURRICULUM VITAE

Experience

- Role : **Assitant Professor**
- Location : Annai College of Arts and Science, Kumbakonam.
1. Theory Papers : Database Management Systems, Software Engineering, Mobile Computing, Data Structures and algorithms, Operating Systems, Computer Graphics and Image processing Distributed Technologies, Artificial Intelligence
2. Language Papers`` CPP, Java, VB, PHP, MATLAB Java, ASP, DotNet C, Oracle, Visual Basic.
3. Year of Experience in station : **6 Years**
4. Total years of experience: 16 years
(11 years in schools and College level , 5 years in ndustry level)

Area of Academic Interest

- ➡ C
- ➡ C++
- ➡ Programming in Java
- ➡ Visual Basic
- ➡ MATLAB
- ➡ SQL and My SQL
- ➡ ASP

Area Of Research Interest

- ➡ Digital image processing
- ➡ Human Computer Interaction
- ➡ Data mining

CURRICULUM VITAE

Conferences and Workshops attended

PRESENTATIONS IN INTERNATIONAL CONFERENCES

1. S. Bhuvaneswari, T.S. Subashini, S.Saravanan, “ A new approach for Scene Text Detection” in IEEE third international Conference on Sensing, Signal processing and security, organized by St. Peters College of Engineering and Technology, 4-5 May2017.
2. S.Bhuvaneswari, T.S.Subashini, “Automatic detection of vertical scratches,” in International Conference on Technological Convergence For Information, Food, Health and Energy Security(TCIFES- 2015), organized by Council of Scientific and Research Institute (CSIR), 1-2 May 2015.
3. S. Bhuvaneswari, T.S. Subashini “Automatic Scratch Detection and Inpainting,” in IEEE sponsored 9th International Conference on Intelligent Systems and Control, organized by Karpagam College of Engineering, 09-10 Jan2015.
4. S.Bhuvaneswari, T.S.Subashini, N.Thillaigovindan, “Detection and Removal of Scratches in Images,” in Springer Sponsored International Conference on Mining Intelligence and Knowledge Exploration, organized by VHNSN College, Virudhunagar,18-20, December2013.
5. S.Bhuvaneswari, T.S.Subashini, V. Ramalingam, “A Novel and Fast Exemplar based Approach for filling missing portions in Image,” in IEEE II International Conference on Recent Trends in Information Technology, organized by Anna University (MIT Campus), 19-21 April2012.

PRESENTATIONS IN NATIONAL CONFERENCES

1. Dr. S. Bhuvaneswari “Content recoloring or inpainting of images”, National Conference on Recent Trends in Computer Science, by Department of Computer Science, Swamy Dayananda College, Manjakudi, Thiruvannamalai,28-29March 2019
2. S. Bhuvaneswari. T.S.Subashini, V. Ramalingam, “Automatic visual recoloring/inpainting of images”, National Conference on Multimedia signal processing and applications, Department of Computer Science and Engineering, Faculty of Engineering and Technology, Annamalai University, February 2016.
3. S. Bhuvaneswari. T.S.Subashini, V. Ramalingam, S. Soundarya , “A novel approach for visual content adaptation,”, National Conference on Information Technology, Pondicherry Engineering College, March2012

WORKSHOPS, SEMINAR& FACULTY DEVELOPMENT PROGRAM ATTENDED

1. S.Bhuvaneswari, “XXII Interdisciplinary research methodology workshop”, Organized by the Department of Economics, Annamalai University, Annamalaiagar, Tamilnadu, 2-5, March2012.
2. S.Bhuvaneswari, “National research methodology workshop on speech and image processing”, Organized by the Department of Computer Science and Technology, Annamalai University, Annamalaiagar, Tamilnadu, 17th March2012.
3. S.Bhuvaneswari, “Workshop on Latex”, Organized by the Department of Computer Science and Technology, Annamalai University, Annamalaiagar, Tamilnadu, September 1-2,2013.

CURRICULUM VITAE

4. S.Bhuvaneswari, “National workshop on Pattern Classification Techniques”, Organized by the Department of Computer Science and Technology, Annamalai University, Annamalainagar, Tamilnadu, 28th September 2013.
5. S.Bhuvaneswari, “User Awareness Programme on SHODGANGA: A Repository of Indian Theses and Dissertations”, Organized by the Department of Library and Information Science, Annamalai University, Annamalainagar, Tamilnadu, 04-02-2015.
6. S. Bhuvaneswari, “Data Analytics Concepts and Techniques For Business Intelligence”, Organized by the Department of Computer science, National Institute of Technology, Tiruchirappalli, 8-13th August 2016.
7. S. Bhuvaneswari, “Theory of Computation”, Faculty Development Program Organized by the Department of Computer Science and Engineering, AVC College of Engineering and technology, Mayiladuthurai during 24-26 May 2017.
8. S. Bhuvaneswari, “ Internet of Things”, Faculty Development Program Organized by Department of Computer science and Engineering, CVR Engineering College, Hyderabad during 27-1 December 2017.
9. S. Bhuvaneswari, National Level Workshop on “Research Issues in Data Mining Applications Resi-3”, Department of Computer Science and Engineering and Technology, Annamalai University, 19-20 February 2018.
10. S. Bhuvaneswari, One Day National Level Seminar on “Research Opportunities and innovation of Computer Science”, Department of Information Technology, Idhaya College of & Science, Kumbakonam 6th September 2018.
11. S. Bhuvaneswari, One Day National Level Seminar on “Research Opportunities and innovation of Computer Science”, Department of Information Technology, Idhaya College of & Science, Kumbakonam 6th September 2018.
12. S. Bhuvaneswari, National Mathematics & Science Day Celebration & Mega Science Exhibition on “Lecture on project proposal writing”, conducted by Ponniah Rama jayam Institute of Science and Technology (PRIST) Deemed to be University, 8-10 January 2019.
13. S. Bhuvaneswari, One Day National Level Workshop on “System programming and Data Analytics using Python” on 26th September 2019

CONFERENCES AND WORKSHOPS ORGANISED

1. As one of the members in organizing a “ITRIX “ during my service in Annai college of Arts and Science from 2017 to till date.
2. As a volunteer in organizing a “Workshop on Data Science” organized by Department of Computer Science, 6 -7, October 2016.
3. “National Conference on Multimedia signal processing and applications”, Department of Computer Science and Engineering, Faculty of Engineering and Technology, Annamalai University, February 2016. (Student volunteer for my Guide who organized this workshop)
4. “International Conference on Pattern Recognition and multimedia signal processing”, Department of Computer Science and Engineering, Faculty of Engineering and Technology, Annamalai University,

CURRICULUM VITAE

January 9-10, 2015 (Student volunteer for my Guide who organized thisworkshop)

5. “National workshop on Pattern Classification Techniques”, Organized by the Department of Computer Science and Technology, Annamalai University, Annamalainagar, Tamilnadu, 28th September 2013. (Student volunteer for my Guide who organized thisworkshop)
6. “Workshop on Latex”, Organized by the Department of Computer Science and Technology, Annamalai University, Annamalainagar, Tamilnadu, September 1-2, 2013. . (Student volunteer for my Guide who organized thisworkshop)

Publications

1. S. Bhuvaneswari, “ Automatic Scene Text Detection”, Journal of the Maharaja Sayajirao University of Baroda,ISSN 0025-0422, August 2020
2. S. Bhuvaneswari, “VERTICAL SCRATCHES DETECTION BASED ON GAUSSIAN FILTER AND HOUGH TRANSFORM”, Sambodhi ,ISSN 2249-6661, October 2020
3. S. Bhuvaneswari, “DIABETES DETECTION USING TONGUE IMAGE USING EXTRACTION OF GLOBAL FEATURES AND DECISION TREE” Sambodhi ,ISSN 2249-6661, October 2020
4. S. Bhuvaneswari, K.Raja, K.Sundaramathi, “ Detection of Vertical Scratches”, The International journal of analytical and experimental modal analysis, ISSN NO: 0886-9367 Page No: 62-70, vol 11(8), September 2019.
5. G. Asha, S. Bhuvaneswari“ Block Chain Technology, A Bird’s Eye View”, The International journal of analytical and experimental modal analysis, ISSN NO: 0886-9367 Page No: 62-70, vol 11(8), September 2019.
6. S. Bhuvaneswari and et al. “Text Retrieval System: A Review” international Journal of Emerging Technologies and Innovative Research, (ISSN : 2349-5672pp. 4871-4875),vol 10(16), september, 2018
7. S. Bhuvaneswari, T. S. Subashini, “ A new Approach for Scene Text Detection”, in International Journal of Control Theory and Applications, (ISSN: 0974-5572), vol. 10(16), pp.387-394,2017.
8. S. Bhuvaneswari, T.S. Subashini, “Automatic Text Detection using Wavelet Transform and Connected Component Labelling”, in International journal of Applied Engineering Research, (ISSN: 0973-4562), vol.9(21), pp.4871-4875,2015.
9. S. Bhuvaneswari, T.S. Subashini, “Tracking Manually Selected Object in Videos Using Color Histogram Matching”, in Journal of Theoretical and Applied Information Technology, (ISSN:1992- 8645), vol.67(3), pp. 562-568,2014.
10. S. Bhuvaneswari, T.S. Subashini, “Automatic Object Tracking and Inpainting in Video Sequences Based on Color Histogram Matching,” in International Journal of Simulation, Systems, Science and Technology, 14 (6), (ISSN: 1877-0509), vol.46, pp. 61-67,2013.
11. S. Bhuvaneswari, T.S. Subashini, “Automatic Detection and Inpainting of Text Images,” in International Journal of Computer Applications (ISSN :(09758887), vol.61 (7),2013.
12. S. Bhuvaneswari, T.S. Subashini, “Detection and De-occlusion of Text in Images,” in Centre for Promotion

CURRICULUM VITAE

of Multidisciplinary Research – International Journal of Technology (CPMR-IJT) (ISSN:2250-1827), vol.2(2), pp. 6-10,2012.

13. S.Bhuvaneswari, T.S.Subashini, “A novel approach for visual content adaptation,” in International Journal of Information Technology and Engineering, vol.3 (2), pp. 3-6,2012.

Book Chapter

- S. Bhuvaneswari, K. Raja, “ Content Recoloring or inpainting of Images”, in National Conference on Advanced Research on Computer Science and Technology. (ISBN:978-93-80132-00-66) ,pp. 16-23, March 2019.
- S. Bhuvaneswari, T.S. Subashini, “Detection and Removal of Scratches in Images,” in Lecture Notes in Artificial Intelligence (Springer) (ISBN:978-3-319-03843-8) (DOI:10.1007/978-3-319-03844-5) pp. 212-223, 2013.

Special Talk given if any

1. As a resource person I gave a seminar under the topic “Job Opportunities in IT Industry” on 17.3.2017 in “Idhaya College of Arts and Science, Kumbakonam”.
2. As a resource person I gave a seminar under the topic “Cryptography” on 04.09.2018 in “Mother Teresa University”.
3. As Resource person I gave a seminar under the topic “ Applications of Artificial Intelligence”, on 29.08,2019 in Ragavendra college of Arts & Science, Chidambaram.

Any Other important information

- Serving as External Examiner for 6 Ph.D. students in the faculty of science, Annamalai University since 2017.
- Acted as External Examiner for M.Phil Viva voce at AVC college (Autonomous) on 7.12.2018.

Any Other Certificates other than academics

- Diploma in Computers in office management –under Indira Gandhi National Open University, New Delhi with Distinction.
- Certificate course in Oracle 7.x and Visual Basic 6.0 - under JKK Computer Centre , Tiruchirappalli.
- Hindi Prathamik certificate gave by Dhakshina Bharath Hindi Prachar sabha , Chennai.
- Diploma in Advanced Desk Top Publishing under Tamilnadu Advanced Technical Training Institute, Tiruchirappalli.
- Post Graduate Diploma in Computer Applications - under Tamilnadu Advanced Technical Training Institute, Tiruchirappalli.

Academic Project

CURRICULUM VITAE

M.C.A – Major Project Title: Developing Windows tools System.

M.Phil.- Major Project Title: Analysis of Image filters Using image processing techniques.

PhD – Thesis Title: Automatic restoration and inpainting of images using inpainting techniques.

No.of Projects guided (UG &PG) **75**

No. of M._Phil students examined : **4**

No. of Ph.Ds examined (As a DC member) **10**

Co-Curricular Activity in current college

- One of the Organizers in in **ITrix' National Level Technical** Meet in Annai College of Arts and Science since 2017.
- **One of the Criteria Sub Coordinator** during NAAC process in Annai college of Arts and Science
- OBC Cell Coordinator in Annai College of Arts and Science

Declaration

I hereby declare that all the information mentioned above is true to the best of my knowledge.

Place:Kumbakonam

Date:

Yours Sincerely,

S. Bhuvaneswari