

Faculty Profile of Dr. V. Bhuvaneswari



Dr. V. Bhuvaneswari

Professor

Department of Computer Applications

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Phone No: 0422 0428346

Mobile No: +91 9894703005

Research Area

- Big Data Analytics
- Semantic Web
- Data Analytics

Education & Career

Education

Ph.D.

Subject : Computer Science

Institution : SNR College of Arts and Science, Coimbatore

Affiliated University : Bharathiar University

Year of Award : 2013

M.Phil.,

Subject : Computer Science

Institution : Sree Narayana Guru College, Coimbatore

Affiliated University : Bharathiar University

Year of Award : 2005

NET

Year of Award : 2003

Register Number : K091440

M.C.A.,

Subject: Computer Application

Institution : IGNOU University, New Delhi

Affiliated University : IGNOU University

Year of Award : 2002

B.Sc.,

Subject: Applied Science – Computer Technology

Institution: PSG College of Technology, Coimbatore

Affiliated University: Bharathiar University

Year of Award: 1998

Career**At Bharathiar University (Reverse Order)**

Associate Professor : April 2018 to Till Date

Assistant Professor : 2006 to 2018

Past Experience

Guest Lecturer : 2002 to 2003 at Dept of Comp Sci Sree Narayana Guru College, Coimbatore

Programmer : 1999 to 2002 at Sree Narayana Guru College, Coimbatore

Junior Programmer : 1998 to 1999 at Sudharsan Software, Coimbatore

Awards

Awarding agency : VISAKA

Country : India

Purpose of award : Best Volunteer – Digital Literacy Campaign - MHRD

Date of Award : 2018

Membership

Membership in Professional Bodies

Organization : Computer Society of India

Type of Membership : Life Member

Period : 2007

Organization : International Association of Computer Science and Information Technology

Type of Membership : Member

Period : 2008

Membership in Academic Bodies

Organization : Dr. SNS Rajalakshmi College of Arts & Science

Type of Membership : University BoS Member

Period : 12.05.2016

Organization : Nirmala College for Women

Type of Membership : University BoS Member

Period : 21.11.2016

Organization : Sri G.V.G. Visalakshi College for Women

Type of Membership : University BoS Member

Period : 27.07.2016

Organization : Rathnavel Subramaniam College of Arts and Science

Type of Membership : University BoS Member

Period : 25.5.2016

Organization : Sri Krishna Arts and Science College

Type of Membership : University BoS Member

Period : 06.05.2017

Organization : PSGR Krishnammal College for Women

Type of Membership : University BoS Member

Period : 03.10.2017

Organization : P.K.R Arts College for Women

Type of Membership : University BoS Member

Period : 12.08.2017

Organization : Dr. SNS Rajalakshmi College of Arts & Science

Type of Membership : University BoS Member

Period : 18.11.2017

Organization : PSGR Krishnammal College for Women

Type of Membership : University BoS Member

Period : 27.10.2017

Organization : Sri Ramakrishna Mission Vidyalaya College of Arts and Science

Type of Membership : University BoS Member

Period : 28.10.2017

Organization : Kongunadu Arts & Science College

Type of Membership : Member of Inspection Commission

Period : 19.12.2016

Organization : PSGR Krishnammal College for Women

Type of Membership : Doctoral Committee Member

Period : 27.08.2016

Organization : Hindusthan College of Arts & Science

Type of Membership : Member of Inspection Commission

Period : 23-01-2017

Organization : Hindusthan College of Arts & Science

Type of Membership : Member of Inspection Commission

Period : 08-08-2017

Visits

Collaborators

Others

Projects

Funded Projects (National Level)

- [Ongoing](#)
- [Completed](#)

1. RUSA BEICH

Intelligent Support system to Physicians for cancer diagnosis and personalized treatment planning

Principal Investigator

RUSA BEICH

February - June 2020

Rs. 21,52,000 (Twenty one Lakhs)

2. RUSA BEICH

Smart technological framework for auditing public toilets: swachh bharat

Principal Investigator

RUSA BEICH
February – June 2020
Rs. 6,00,000 (Six Lakhs)

3. DST-ICPS

Design and development of an integrated data model knowledge base and dissemination for digital Poompuhar

Co-Principal Investigator

DST-ICPS

2018 onwards

Rs. 60,00,000 (Sixty Lakhs)

4. DST -Big Data Division

Training programme for 10 days on big data technologies, big data division, Principal Investigator

DST -Big Data Division

2016

Rs. 2,00,000 (Two Lakhs)

5. UGC

Developing methodology for mining biological databases

Principal Investigator

UGC

2008 – 2010

Rs. 55,000 (Zero Five five lakhs)

Consultancy Projects

- [Ongoing](#)
- [Completed](#)

Ongoing Consultancy Project Informations

Completed Consultancy Project Informations

Research Guidance

- [Post Doc.](#)
- [Ph.D.](#)
- [M.Phil.](#)
- [M.Sc.](#)

Ongoing

Title

Name

Completed

Title

Name

Ongoing

Name of the candidate : P.Mousi

Title of the Thesis : Design and Development of Spatial Data Model for Water Treatment

Status: Ongoing

Name of the candidate : K.Vijayakumar

Title of the Thesis : Development of IoT Wearable device for Health care

Status: Ongoing

Name of the candidate : Koras

Title of the Thesis : Title of Thesis: Development of Machine Learning Models for Lung cancer Diagnosis

Status: Ongoing

Name of the candidate : M.Lissa

Title of the Thesis : Title of Thesis: Development of Semantic Models for Heterogeneous data Integration

Status: Ongoing

Completed

Name of the candidate : J Ramsingh

Title of the Thesis : Design And Development Of An Integrated Big Data Model To Analyse Risk Factors Of Mellitus

Year of Award : 2019

Name of the candidate : K Santhiya

Title of the Thesis : Development of Novel Efficient Multilevel Mapreduce Classifiers for Crime Categorization Using Big Data Framework

Year of Award : 2020

Ongoing

Sample Data.

Completed

Name of the candidate : P Sudhandradevi

Title of the Thesis : Design and Development of Multilayered framework for Categorization of Cyber Vulnerabilities and Cyber Laws

Year of Award : May 2019

Name of the candidate : T Vijayakumar

Title of the Thesis : Design and Development of Prototypes using Block Chain Smart Contracts Network for Auditing Data As A Service

Year of Award : May 2019

Name of the candidate : P Elanchezlian

Title of the Thesis : A Methodological Review on data security awareness in Public Clouds and Analysis of Cyber Vulnerabilities

Year of Award : May 2019

Name of the candidate : S Kanimozhi

Title of the Thesis : Design and Development of Neural Networks for e-mail subject categories using Tensor Flow

Year of Award : May 2018

Name of the candidate : R Kalpana

Title of the Thesis : Design and Development of Semantic Ontology and Location Prediction using Genetic Algorithm for Solid Waste Management

Year of Award : March 2017

Name of the candidate : S Ananthi

Title of the Thesis : Design and Development of Fuzzy classification framework for Prediction of Heart and Kidney Risks in Diabetic Prone Population

Year of Award : March 2017

Name of the candidate : K C Arathi

Title of the Thesis : Design and Development of Semantic Integration Framework of IoT Component in Smart Vehicle Closed Parking System

Year of Award : August 2015

Name of the candidate : P Mousi

Title of the Thesis : Design and Development of Hybridized DB-Scan NN Approach for Location Prediction to place Water Treatment Plant in Noyyal river Basin

Year of Award : August 2015

Name of the candidate : J Ramsingh

Title of the Thesis : A Study and Development of Genetic Algorithm Approach for Identifying Gene Signature for Microarray

Year of Award : May 2014

Name of the candidate : K Dheenathayalan

Title of the Thesis : Design and Development of Hybridized Approach PSO-GA for Biomarker Discovery

Year of Award : May 2014

Name of the candidate : M Selvi

Title of the Thesis : Study on various Biclustering Approaches and Development of Biclustering Algorithm based on Attribute Interdependency

Year of Award : May 2014

Name of the candidate : D Surendren

Title of the Thesis : A Framework for Analysis of Cognitive Dissonance in Recommender system using Association rule Mining

Year of Award : May 2014

Name of the candidate : B Kirithika

Title of the Thesis : An Association rule mining approach for extracting Interactions between Biological entities from Pubmed Abstract

Year of Award : June 2014

Name of the candidate : K Vijayakumar

Title of the Thesis : A Framework for Detect Correction Effort Analysis in Software Bug Reports using Association Rule Mining

Year of Award : March 2014

Name of the candidate : M Sharmila

Title of the Thesis : A Framework for Phylogeny Visualization using Ontology Approach

Year of Award : March, 2014

Name of the candidate : Booma Shanthini

Title of the Thesis : Design and Development of DAG based Gene Ontology Similarity metrics for hierarchical clustering of Diabetic Genes

Year of Award : October 2013

Name of the candidate : Uma Jothy

Title of the Thesis : A Framework for Mining Temporal Association Rules from the Time series Microarray using Apriori Algorithm

Year of Award : February 2013

Name of the candidate : K Vanitha

Title of the Thesis : Classification of Microarray Gene Expression Data by Gene Combination using Fuzzy Logic

Year of Award : July 2012

Name of the candidate : S J Brintha

Title of the Thesis : Clustering of Microarray data using Type2 Fuzzy Association Patterns

Year of Award : April 2012

Name of the candidate : Poongodi

Title of the Thesis : A Study and Analysis of Feature set selection in Genomic Databases for Text Clustering using Filter Based Approach (FBA)

Year of Award : April 2012

Name of the candidate : R Priyadarshini

Title of the Thesis : A Framework for Integrating and Classifying Gene Information using Concept Ontology

Year of Award : January 2011

Name of the candidate : Annalakshmi

Title of the Thesis : Automatic Extraction of Protein/Gene names from Medline Abstracts using N-Gram Approach

Year of Award : January 2011

Name of the candidate : Selvanayagi

Title of the Thesis : Clustering of Microarray data using GO Ontology to Find Association of Genes

Year of Award : June 2010

Name of the candidate : Esther Tamilselvi

Title of the Thesis : Students Placement Competency Analysis – An Apriori Framework

Year of Award : March 2010

Name of the candidate : Premavathy

Title of the Thesis : Analysis of Clustering algorithms

Year of Award : March 2010

Name of the candidate : Sindhu

Title of the Thesis : Implementation and Analysis of BIRCH Algorithm for constructing Phylogeny Tree

Year of Award : August 2008

Name of the candidate : Nusurath

Title of the Thesis : Implementation and Analysis of Genetic Algorithm for Motif Prediction using Bayesian and NonBayesian Functions

Year of Award : September 2008

Name of the candidate : Poongothai

Title of the Thesis : An Implementation of Apriori Algorithm for

Detecting Duplicates in Biological Databases

Year of Award : January 2008

Name of the candidate : Kavitha Rajalakshmi

Title of the Thesis : A Study and Comparison of Sequence Alignment Techniques

Year of Award : February 2008

Name of the candidate : Kalaivani

Title of the Thesis : Implementation of Efficient Pairwise Sequence Alignment using Dynamic Programming and Genetic Algorithm

Year of Award : January 2007

Ongoing

Sample Data.

Completed

1. **Name of the candidate :**Arul Jesu Balan R,

Title of the Thesis : Sensor Based Prototype Model for Automated Parking Management Interface with Smart Parking App,

Year of Award :Apr-2016.

2. **Name of the candidate :**Gnanapriya N,

Title of the Thesis : Deep Insight on Data Analytics Using KNIME,

Year of Award :Apr-2016.

3. **Name of the candidate :**Gokul Raju R,

Title of the Thesis : Image Processing Based Prototype Model for Automated Parking Management Interface with Smart Parking App,

Year of Award :Apr-2016.

4. **Name of the candidate :**Gopinath D,

Title of the Thesis : Prototype Model for Android Application Emergency App,

Year of Award :Apr-2016.

5.Name of the candidate : Hema R,

Title of the Thesis : Application Modeling for E-Plant Organic Manure,

Year of Award :Apr-2016.

6. Name of the candidate :Hepziba A,

Title of the Thesis : Web Job Portal for IT Concern,

Year of Award :Apr-2016.

7. Name of the candidate :Jaya Bharathi D,

Title of the Thesis : Study and Implementation of Data Mining Task Using ORANGE Tool,

Year of Award :Apr-2016.

8.Name of the candidate : Karthika P,

Title of the Thesis : Study and Analysis of the HIVE Optimization Technique,

Year of Award :Apr-2016.

9.Name of the candidate : Kiruthika D,

Title of the Thesis : Study and Implementation of Gene Expression Profile Analysis Using Orange Bioinformatics Extension,

Year of Award :Apr-2016.

10.Name of the candidate : Kiruthika R,

Title of the Thesis : Deriving a Social Insight by Performing Societal System Analysis Using KNIME,

Year of Award :Apr-2016

11.Name of the candidate : Arul Jesu Balan R,

Title of the Thesis : Prototype Model for Android Application Smart Parking-Server Architecture,

Year of Award :Nov-2015

12.Name of the candidate : Gopinath D,

Title of the Thesis : Prototype Model for Android Application Emergency Apps,

Year of Award :Nov-2015

13.Name of the candidate : Hema R,

Title of the Thesis : App Modeling for E- Gardening,

Year of Award :Nov-2015

14. Name of the candidate :Hepziba A,

Title of the Thesis : Architectural Design for An Organic App,

Year of Award :Nov-2015

15. Name of the candidate :Jaya Bharathi D,

Title of the Thesis : A Data Integration Model for Smart Fluid Monitoring System,

Year of Award :Nov-2015

16.Name of the candidate : Kanimozhi S,

Title of the Thesis : Design of An Inclusion Tool for OPAC on Book Transaction Analytics A Big-Data-Analytics,

Year of Award :Nov-2015

17.Name of the candidate : Karthika P,

Title of the Thesis : Analyzing Diabetic Dataset Using Association Rule Mining Approach,

Year of Award :Nov-2015

18.Name of the candidate : Kiruthika D,

Title of the Thesis : Data Analytics on Diabetes using PIG,

Year of Award :Nov-2015

19.Name of the candidate : Kiruthika R,

Title of the Thesis : User Preferences on Book Issues Using Dataset A Tool for OPAC,

Year of Award :Nov-2015

20.Name of the candidate : Bharanitharan C,

Title of the Thesis : Online Web Application Portal-Reporting System,

Year of Award :Apr-2017

21.Name of the candidate : Meena R,

Title of the Thesis : Design and Implementation of Spark MLib Library Decision Tree Classifier for Sport Articles,

Year of Award :Apr-2017

22.Name of the candidate : Sudhandradevi P,

Title of the Thesis : Design and Development of Data Analytics Framework for WhatsApp Chat Transliteration,

Year of Award :Apr-2017

23.Name of the candidate : Vidhya S,

Title of the Thesis : Quantitative Analysis of Satellite Data Using Data Mining Technique,

Year of Award :Apr-2017

24.Name of the candidate : Gana Priya M,

Title of the Thesis : Development of Web Portal for Performance Evaluation of Teacher by Student,

Year of Award :Apr-2017

25. Name of the candidate :Ganeshan A,

Title of the Thesis : Online Web Application Portal-Dashboard Analysis,

Year of Award :Apr-2017

26.Name of the candidate : Chitra M,

Title of the Thesis : Data Analytics Tool for Teaching Performance Evaluation with Feed Forward Learning,

Year of Award :Apr-2017

27. Name of the candidate :Guna Sundari M,

Title of the Thesis : A Study and Implementation of Collaborative Filtering Recommender System Using Machine Learning Framework in Mahout,

Year of Award :Nov-2016

28.Name of the candidate : Meena R,

Title of the Thesis : Design and Development of Incremental MapReduce Approach Using MongoDB,

Year of Award :Nov-2016

29. Name of the candidate :Sudhandradevi P,

Title of the Thesis : Design and Development of Semantic Matching Using MapReduce Framework for WhatsApp Data in MongoDB,

Year of Award :Nov-2016

30. Name of the candidate :Gana Priya M,

Title of the Thesis : A Study and design of Graph Model for Employee Information,

Year of Award :Nov-2016

31. Name of the candidate :Ganeshan A,

Title of the Thesis : A Study on Recommendation System Using R Package,

Year of Award :Nov-2016

32. Name of the candidate :Indhumathi J,

Title of the Thesis : An Implementation of Forecasting Time Series Model of Air Quality Sothern State of India,

Year of Award :Nov-2016

33.Name of the candidate : Jijendra Kumar S,

Title of the Thesis : A Study and Implement Association Rule mining Using R Package,

Year of Award :Nov-2016

34. Name of the candidate :Chitra M,

Title of the Thesis : A Study and Design of Graph Model for Credit Card Information,

Year of Award :Nov-2016

35.Name of the candidate : Arul Prakash K,

Title of the Thesis : A case study and Spatial Database creation for Lake interconnection along the Noyal River Basian,

Year of Award :Nov-2017

36.Name of the candidate : Balaji S,

Title of the Thesis : Coimbatore Rivers in R,

Year of Award :Nov-2017

37. Name of the candidate :Gracelin M,

Title of the Thesis : A Study and Analysis of Water Audit for Domestic Household an IoT Based Prototype Model,

Year of Award :Nov-2017

38.Name of the candidate : Keerthika P,

Title of the Thesis : Blog Creation for Perur Pateeswarar Temple with Word Press,

Year of Award :Nov-2017

39. Name of the candidate :Lissa M,

Title of the Thesis : Unified Generic Framework for Smart Apps: Be Connect – Complaint Chat(KM),

Year of Award :Nov-2017

40.Name of the candidate : Livi Angel V,
Title of the Thesis : Study and Design of Graduate Registration E- Voting System,
Year of Award :Nov-2017

41.Name of the candidate : Mohanasundaram N,
Title of the Thesis : E-Walk Through,
Year of Award :Nov-2017

42. Name of the candidate :Arul Prakash K,
Title of the Thesis : Android Application for Emergency,
Year of Award :Apr-2018

43.Name of the candidate : Balaji S,
Title of the Thesis : Bank Locker Security System,
Year of Award :Apr-2018

44.Name of the candidate : Gracelin M,
Title of the Thesis : Design and Development of Ontology Model for Perur Pateeswarar Temple,
Year of Award :Apr-2018

45. Name of the candidate :Keerthika P,
Title of the Thesis : Development of Web Portal for Managing Research Publications,
Year of Award :Apr-2018

46. Name of the candidate :Lissa M,
Title of the Thesis : Development of Knowledge map: Semantic Web Portal for Perur Pateeswarar Temple,
Year of Award :Apr-2018

47.Name of the candidate : Livi Angel V,
Title of the Thesis : Generic Web Portal Framework for E-Governance Academic Schemes,
Year of Award :Apr-2018

48. Name of the candidate :Mohanasundaram N,
Title of the Thesis : Web portal Examination System,
Year of Award :Apr-2018

49.Name of the candidate : Mohana B,
Title of the Thesis : Analysis on Video Game Sales,
Year of Award :Nov-2018

50.Name of the candidate : Rachana R G,
Title of the Thesis : Calorie Calculator,
Year of Award :Nov-2018

51.Name of the candidate : Selvakumar P,
Title of the Thesis : Car Service Center Management System,
Year of Award :Apr-2019

52.Name of the candidate : Mohana B,
Title of the Thesis : A Methodological EDA for Empirical Data Analysis for Toilet Infrastructure,
Year of Award :Apr-2019

53.Name of the candidate : Reshmin Nikitha C,
Title of the Thesis : Design and Development of Toilet Infrastructure and Sanitation Using Dashboard,
Year of Award :Apr-2019

54. Name of the candidate :Sudha S,
Title of the Thesis : Development of Explanatory Data Analysis for Clusters and Regression Model(TIS),
Year of Award :Apr-2019

55. Name of the candidate :Balamuthu D,
Title of the Thesis :Mobile Shop Management System,
Year of Award :Apr-2019

56.Name of the candidate : Karuppusamy E,
Title of the Thesis : Online Shopping with Chatbot,
Year of Award :Apr-2019

57.Name of the candidate : Rachana R G,
Title of the Thesis : Web Centric Commodity Information Retrader,
Year of Award :Apr-2019

58. Name of the candidate :Navaneetha Krishnan A,
Title of the Thesis : Descriptive Analysis of Cotton Dataset using R,
Year of Award :Nov-2019

59. Name of the candidate :Jawahar V,
Title of the Thesis : Diabetic Management and Decision Support,
Year of Award :Nov-2019

60. Name of the candidate :Jubit S,
Title of the Thesis : BU Challan Entry System,
Year of Award :Nov-2019

61. Name of the candidate :Shobika S,
Title of the Thesis : Student Result Management System,
Year of Award :Nov-2019

62.Name of the candidate : Ajithkumar M,
Title of the Thesis : Design and Development of Cotton Price Prediction using Regression Models,
Year of Award :Nov-2019

63. Name of the candidate :Selvarani A,
Title of the Thesis : Project Management System,
Year of Award : Nov-2019

MSc Data Analytics

1. Name of the candidate :Jeevitha B,
Title of the Thesis : Readmission Risk Prediction In Diabetes Healthcare System,
Year of Award :Nov-2018

2.Name of the candidate : Venkata Rao M,
Title of the Thesis : Methodological Walkthrough of Olympics Dataset and Analysis using Classification Models,
Year of Award :Nov-2018

3. Name of the candidate :Shree Divya G,
Title of the Thesis : Analysis of Socio Economic Data on India using Machine Learning Models,
Year of Award :Nov-2018

4.Name of the candidate : Jeevitha B
Title of the Thesis : Analysis of Amazon Food Product Reviews using Sentiment Analysis and Topic Summarization,
Year of Award :Apr-2019

5.Name of the candidate : Venkata Rao M,
Title of the Thesis : A Methodological Framework for Mapping PUBMED Abstracts with Gene Expression Profiles,
Year of Award :Apr-2019

6. Name of the candidate :Shree Divya G,
Title of the Thesis : Microsoft Partner Centre API: Billing Solution Integration,
Year of Award :Apr-2019

7.Name of the candidate : Anusree T R,
Title of the Thesis : Sentiment Analysis on Trump Tweets – A detailed study,
Year of Award :Nov-2019

8.Name of the candidate : Chakridhar Reddy K,
Title of the Thesis : Design and Development of Framework of Student Mess Bill Challan Image to Text using OpenCV,
Year of Award :Nov-2019

9.Name of the candidate : Nandhini M,
Title of the Thesis : Design and Development of Methodology for Automatic E-Mail alert for Academic Circular(Bot),
Year of Award :Nov-2019

Research Publication

- [International](#)
- [National](#)
- [Patents](#)
- [Conferences](#)
- [Books / Chapters](#)
- [Database](#)

2021

15. [An integrated multi-node Hadoop framework to predict high-risk factors of Diabetes Mellitus using a Multilevel Map Reduce based Fuzzy Classifier](#)

[\(MMR-FC\) and Modified DBSCAN algorithm](#)

J. Ramsingh, V.Bhuvaneswari,
Applied Soft Computing - Elsevier(2021)

2020 - 1996

14. [Exploratory Spatial Analysis of Pavo Cristatus \(Peacock\) Distribution in Coimbatore District of Tamil Nadu using Local Indicators](#)

P.Mousi, J.Ramsingh, V.Bhuvaneswari
International Journal of Innovative Technology and Exploring Engineering (IJITEE), 8(12),1905-1912(2019)

13. [An efficient map reduce-based hybrid nbc-tfidf algorithm to mine the public sentiment on diabetes mellitus – a big data approach,](#)

J. Ramsingh, V.Bhuvaneswari,
Journal Of King Saud University - Computer And Information Sciences – Elsevier (2018).

12. [Sports analysis of FIFA football world cup tournament using logistic regression,](#)

P.Sudhandradevi, V.Bhuvaneswari,
International Journal Computational Intelligence and Informatics Journal, 8, 2 (2018).

11. [A neural network based email classification using tensorflow,](#)

S.Kanimozhi, V.Bhuvaneswari,
International Journal of Theoretical and Applied Science [UGC], 10(1), 121 – 128, (2018).

10. [A study and analysis of water audit for domestic household an IoT based prototype model,](#)

M.Gracelin, M.Lissa, V.Bhuvaneswari,
International Journal of Theoretical and Applied Science [UGC], 10(1), 98 – 102, (2018).

9. [Data analytics framework and methodology for whatsapp chats transliteration of thanglish and short whatsapp messages,](#)

P.Sudhandradevi, V.Bhuvaneswari,
International Journal Computational Intelligence and Informatics Journal, 6, 3, (2016).

8. [Big data insight: data management technologies, applications and challenge,](#)

K.Sandhiya, V.Bhuvaneswari,

International Journal of Control Theory and Applications, 9, 46 – 77, (2016).

7. [Analysis of diabetic awareness among the general public in tamilnadu using social networking data,](#)

J.Ramsingh, V.Bhuvaneswari,

International Journal of Computational Intelligence and Informatics, 6, 143 – 148, (2016).

6. [Data analytics framework: r and hadoop – geo-location based opinion mining of tweets,](#)

K.Santhiya, V.Bhuvaneswari,

International Journal of Emerging Trends & Technology in Computer Science (IJETTCS), 6, 74 – 81, (2016).

5. [Data analytics on institutional repository logs- perspective,](#)

V.Krishnamurthy, V.Bhuvaneswari,

Journal of Library and Information Communication Technologies, 5(1), 91 – 96, (2016).

4. [An insight on big data analytics using pig script,](#)

J.Ramsingh, V.Bhuvaneswari,

International Journal of Emerging Trends & Technology in Computer Science, 4, 84 – 90, (2015).

3. [Semantic web representation in RDF schema: a practical approach,](#)

S.Sangeetha, V.Bhuvaneswari,

International Journal of Computer Science and Information Technologies, 6(6), 5216 – 5221, (2015).

2. [Ontology model for phylogeny visualization,](#)

M.Sharmila, V.Bhuvaneswari,

International Journal of Scientific Engineering and Applied Science (IJSEAS), 1, 57 – 65, (2015).

1. [A hybrid PSO-GA approach for biomarker discovery,](#)

J. Ramsingh, V.Bhuvaneswari,

Special Issue of Institute of Integrated Omics and Applied Biotechnology Journal, 1, 107 – 119, (2015).

National Publications - Reverse Chronological Order

2017-2010

Patent Info

Conference Info

International Conferences

Editor of the Book

1. Big Data Analytics
V. Bhuvaneswari, T. Devi,
Scitech, (2018), ISBN: 978-93-85983-67-2

2. Data analytics with R Programming
Bhuvaneswari, T. Devi,
Scitech, (2018), ISBN 978-93-85983-68-9

Chapter in Edited Book

1. [Semantic Framework and Methodology for Cultural Heritage Data Integration fore-Walkthrough - Scopus,](#)
M Lissa, V Bhuvaneswari, T Devi
ICT for Competitive Strategies CRC Press, 2020, 9, ISBN: 9781003052098

2. [Design and Development of Hybridized DBSCAN-NN Approach for Location Prediction to Place Water Treatment Plant](#)

P.Mousi, V.Bhuvaneswari

Advances in Big Data and Cloud Computing. Advances in Intelligent Systems and Computing, 645, 237-247(2018)

DOI:10.1007/978-981-10-7200-0_21

3. [Prediction of heart and kidney risks in diabetic prone population using fuzzy classification,](#)

S. Ananthi, V. Bhuvaneswari,

International Conference on Computer Communication and Informatics (ICCCI),

IEEE, (2017), ISBN: 978-1-4673-8856-6

<https://ieeexplore.ieee.org/document/8117713>

4. [Data analytics of library OPAC transactions using hive-a big data approach,](#)

V. Bhuvaneswari, S. Kanimozhi, R. Kiruthika,

Research Methodology for LIBRARIANS Tools and Techniques

Dominant Publishers and Distributors (P) Ltd, 201, (2016), ISBN: 978-93-84207-24-3

5. [Data analytics insight library transaction data – a perspective,](#)

V Bhuvaneswari, V Krishnamurthy,

Research Methodology for LIBRARIANS Tools and Techniques

Dominant Publishers and Distributors (P) Ltd, 219, (2016), ISBN: 978-93-84207-24-3

6. [Mahout recommender system framework algorithm,](#)

M Guna Sundari, K Santhiya, V Bhuvaneswari,

Communication Techniques & Informatics,

Published in National Conference On Computational Methods, (2016)

7. [Data analytic on diabetic awareness with hadoop streaming using map reduce in python,](#)

J. RamSingh, V. Bhuvaneswari,

International Conference on Advances in Computing Applications (ICACA), (2016)

IEEE, ISBN: 978-1-5090-3768-1

<https://ieeexplore.ieee.org/document/7887979>

8. [Map reduce programming model,](#)

K Santhiya, V Bhuvaneswari,

IEEE International Conference on Advances in Computer Applications (ICACA), (2016)

IEEE, ISBN: 978-1-5090-3771-1

<https://ieeexplore.ieee.org/document/7887971>

9. [Spatial data mining approaches for GIS – a brief review,](#)

P Mousi, V Bhuvaneswari, J Ananathi, R Kalpana,

Advances in Intelligent Systems and computing book series (AISC), volume 338

Published in Springer Advanced Intelligent Systems and Computing Series, (2015)

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