UNIVERSITY COLLEGE OF ENGINEERING

BHARATHIDASAN INSTITUTE OF TECHNOLOGY (BIT) CAMPUS TIRUCHIRAPPALLI ANNA UNIVERSITY

DEPARTMENT OF INFORMATION TECHNOLOGY

FACULTY PROFILE

Name of the Faculty	:	**K. UMA MAHESWARI**
Department	:	Information Technology
Designation	:	Assistant Professor
Date of Joining	:	07-03-2003
Faculty ID	:	TF0015
E-mail	:	umaravi03@gmail.com
Date of Birth	:	02/02/1977

Educational Qualifications

Ph.D(Pursuing)

PG – M.Tech Software Engineering (Bharathidasan University)

UG – B.E Computer Science and Engineering

Specialization

Software Engineering, Software Testing, Data Mining, Computer Networks, Algorithms.

Professional Experience

- Assistant Professor (2003 – Present): University College of Engineering ,Bharathidasan Institute of Technology, Anna University, Tiruchirappalli
- Lecturer (2001-2003): Sri ManakulaVinayagar Engineering College,Pondicherry
- Lecturer (2000-2001): Sri Muthukumaran Institute of Technology,Chennai
- Lecturer (1999-2000): Jerusalem College of Engineering,Chennai

Research Guidance :

- Supervised 33 UG Projects
- Supervised 22 PG projects

PROFESSIONAL AFFILIATION

1.Life Member, Indian Society for Technical Education (ISTE), India

2. Life Member, Computer Society of India (CSI), India.

Publications

Papers in National and International Journals

1. V.Yogam, K.Uma Maheswari,"Automatic Annotation Wrapper Generation and Mining Web Database Search Result", International Journal of Innovative Research in Science, Engineering and Technology, Vol. 3, Issue 3, March 2014,pp.10562-10569.

2. M. Monica Bhavani, K. Uma Maheswari ," Smart Maps based on GPs Path Logs", International Journal of Innovative Research in Science, Engineering and Technology, Vol. 3, Issue 2, February 2014, pp. 9529-95365.

3.K.Sindhuja, K.Uma Maheswari, "Side Information Analysis in Text Documents", International Journal of Applied Engineering Research",Volume 10, Number9,2015

4. M.BanuPriya, K.Uma Maheswari," Analyzing Cardiological dataset usingNovel Time Interval based Algorithm", Middle East Journal of Scientific Research,Vol.24 ,pp. 19-25,2016.

5.M.BanuPriya,K.Uma Maheswari,"A Novel Time Interval based Algorithm for Data Fetching on BigData", International Journal of Engineering Research,Vol.4,Volume 4,Issue 11, 2016 ,pp.156-162.

6. K Uma Maheswari, Dr. A Valarmathi, J Jasmine," Effective Diagnosis Of Heart Disease Through Stacking Approach", Advances In Natural And Applied Sciences,2017 July 11(9): Pages 323-328.

Papers in National and International Conferences

1 Jasmine veergeeniya. M , Uma Maheswari. K," Item Popularity based ranking for online recommendation systems", International conference on modeling ,optimization and computing, APRIL 2012.

2 A.Prasanna, K. Uma Maheswari," Cross workspace analysis for the detection of class signature conflicts", International conference on science and Innovative Engineering", March 2012.

3 A.Prasanna, K. Uma Maheswari," Detection of Indirect conflicts by Cross workspace analysis", International Conference on computing and Control Engineering, April 2012

4 S.Sudha, K.Uma Maheswari, S.Sasikumar," Subject based Efficient Spam Detection Technique", IEEE – International conference on Research and Development Prospects on engineering and Technology , March 2013.

5.A.Priya,K.UmaMaheswari," Efficient Similarity Search by eliminating near duplicate detection in metric data", National Conference on Emerging Trends in Computer Engineering & Technology, March 2013.

6 G.Jeyasri,K.Uma Maheswari," Top k-answers over Relational Databases using Keyword search through tuple units", International Conference on Innovative Trends in Computing and Technology, March 2013.

7 Subathra, K.Uma Maheswari," Dependable and secure sensor data storage with dynamic integrity assurance", National conference on Advanced Computing, August 2013.

8 Uma Maheswari.K, Saraswathi G," Clustering Text Constraints using Algorithm", International Conference on Innovative Trends in Computing and Technology, March 2014.

9 K.UmaMaheswari, A.Anbarasan," An Efficient Approach for subspace clustering by using OCA 3DS Seeker Algorithm", National Conference of Innovation in Computing and Communication Technology, March 2014.

10. V.Yogam, K. Uma Maheswari, "Annotation and Mining Web Database Search result",International Conference on Architecture,Software Systems and Green Computing,2014.

11.Sindhuja. K,Uma Maheswari, "Side Information Analysis in Text Documents",International Conference on Engineering Technology and science,March 2015.

12. Sindhuja. K, Uma Maheswari, "Analysis of side Information for Mining in Text Documents",International Conference on "Advancements in computing and Communication Technologies",April 2015.

13.M.Amsaveni, K.Uma Maheswari, "Twitter Data Analysis", Online International Conference on" Green Engineering and Technologies",2015

14.M.Amsaveni, K.Uma Maheswari ,"Cloud using E-Learning and ERP- Educational", IFERP International Conference, Bengaluru. ISBN: 9788192958058,May 31,2015.

15.M. BanuPriya, Uma Maheswari .K, "A novel time interval based Algorithm for Data Fetching on Big Data",National Conference on "Convergence of Computing Big Data Analytics and Networking Technologies and their impacts on Real world Environment",March 19,2016.

16.A.RashoolSabika,K.Uma Maheswari,"Predicting User's Daily Activities using smart Dairy",2016 IEEE International Conference on Engineering and Technology,March 17th& 18th 2016.

17. K Uma Maheswari, Dr A Valarmathi, J Jasmine, "Effective Diagnosis Of Heart Disease Through Stacking Approach", International Conference On Computing, Communication And Automation, 2017.

18. K Uma Maheswari, J Jasmine," Neural Network Based Heart Disease Prediction", National Conference On Trends In Information,Communication And Computing Technologies,2017.

Seminar/Conference/Workshop Attended

1. IBM Technology update program by Indicom software services, October 2004.
2. One day Workshop on Image and pattern recognition, Bharathidasan Institute of Technology, December 2006.
3. Short term intensive course on XML and Web services, Centre of Academic Excellence, AUT, 23-25,2007.
4. AICTE sponsored QIP Summer School on "Web Collaboration and Technolgy" ,B.S.A Crescent Engineering College, May 18-31,2009.
5. . AICTE Sponsored SDP on "Mobile Adhoc Networking & Computing", M.Kumarasamy College of Engineering, May 24-June 6,2010.
6. Train the trainers, Bharathidasan Institute of Technology, March 2011
7. AICTE Sponsored SDP on "Cloud Computing", M.A.M. College of engineering, 16-29 May 2011.
8. Workshop on Soft Computing Techniques, Anna University of Technology, Trichy, October 2012.
9. Orientation Program, Bharathidasan University,01-28 February 2013.
10. . Faculty Development Training Program(TEQIP Sponsored),Anna University, Chennai, 15- 19 July 2013.
11. TEQIP II Sponsored FDP on "Soft Computing Techniques in Electrical Engineering" August 19-25,2013.

12. TEQIP II sponsored National Seminar on Software Testing-An Industrial perspective, B.I.T Campus, Trichy, 21-22 November 2013.

13. TEQIP II sponsored FDP on "Challenges and Issues in Multimedia Mining",B.I.T Campus, 2-8 December,2013.

14. TEQIP Sponsored workshop on "Tools & Technologies for Cloud Computing and Big data, Thiyagaraja College of Engineering,Madurai, May 5- 7,2014.

15. ISTE –SRM short term training program on " Big data Analytics", Easwari Engineering College,Chennai, June 2- 8, 2014.

16. FDP on "Data Mining and Data Analytics",Nov 24th-28th,2014.

17. Workshop on "Bigdata Analytics using Hadoop", March 23-24,2015,B.I.T Campus

18. TEQIP Sponsored FFDP on "Network Technologies and security", B.I.T campus, May 4-19,2015

19. International Workshop on "Big Data Visualization and Graph Databases",B.I.T campus ,Feb 24-25,2016

20. TEQIP II sponsored FDP on "Top Tech Trends- Driving the future of Information Technology" June 30-July 13,2016

21. National Workshop on "Advances in High Dimensional Big Data for Industrial safety critical systems"(B.I.T), August 5-6,2016.

22. TEQIP II Sponsored national level seminar on "Cloud Computing: A Hands on Approach"(B.I.T), September 15-16,2016.

23. Anna University Sponsored National Level Workshop on Analytics for geosciences,HealthCare and Society(B.I.T)September 22-23,2016.

24. Department of Bio-Technology, Ministry of Science and Technology, Govt. of India Sponsored workshop on "Modernization in Bioinformatics and Bigdata" (B.I.T),December 19-26,2016.

25. Hands on Workshop on Python Programming, (B.I.T)August 28-29,2017

26. National level workshop on "IoT and Android App Development using MATLAB/Simulink", july 22nd, 2017.

27. Two days National level workshop on IoT-LoRa (B.I.T) September 1-2,2017.

28. Workshop on Innovation and communication skills, (B.I.T) September 15,2017.

29. International workshop on "World Class Curriculum Design for Computer Science with Research Aspects", Khajamalai Campus, Bharathidasan University, November 15, 2017.

Seminar/Conference/Workshop Organised

1. TEQIP Sponsored FDP-"Research Perception on emerging areas of computer science",August 5-11, 2013.

2. TEQIP II Sponsored two days workshop on "Business Analytics Using R" September 2-3, 2016.

3. TEQIP sponsored Value Added Programme on "Advanced Linux administration and certification**,** February 6-10, 2017.

Other Contribution

Timetable Coordinator (2006-2008)

Department Placement Incharge (2007-2008,2009-2010)

Lab timetable Incharge(2008-2012)

Class Coordinator – (2008-2012 Batch, 2012 – 2016 Batch)

Project Coordinator- (2008-2012 Batch)

Signature

HOD   **Dean**