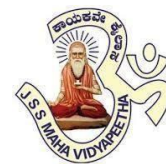





JSS Mahavidyapeetha
JSS Academy of Technical Education
Dr. Vishnuvardhan Road, Srinivasapura post Bangalore 560060
www.jssateb.ac.in



FACULTY PROFILE

Department: Information Science & Engineering

1. Personal Details

NAME	Mrs. Basamma Umesh Patil	
DEPARTMENT	Information Science & Engineering	
DESIGNATION	Assistant Professor	
PHONE	9611807733	
EMAIL ID		
Date of Joining (JSSATEB)	06-11-2023	

2. Experience

Total Experience in Years	Teaching: 11	Research: nil
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
BE	ISE	2009	Basaveshwar Engineering College, Bagalkot.	Visvesvaraya Technological University, Belagavi, Karnataka.
M.Tech	CSE	2014	MSEC, Bengaluru.	Visvesvaraya Technological University, Belagavi, Karnataka.
Ph.D.	CSE	Pursuing	Department of Computer Science and Engineering, JSS Academy of Technical Education Bengaluru.	Visvesvaraya Technological University, Belagavi, Karnataka.

4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 01	National: 00
Papers Published in SCOPUS indexed Journals	International: 01	National: 00
Papers Published in other Journals	International: 06	National: 00
Papers Presented in Conferences / Symposium	International: 01	National: 05
Book Chapters Published	Title: Liquefied Petroleum Gas Level Monitoring and Leakage Detection Using Internet of Things Authors: D V Ashoka, Basamma Umesh Patil, R Chetan, Prakash B V Ajay Name of the Book: Society 5.0 and the Future of Emerging Computational Technologies Publisher: Taylor and Francis Year of Publication: 2022	

5. Consultancy

Title of the work	Amount in Rs.	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
NIL				

6. Grants

i. Funds Received

Project Name	Grant Amount	Date of Receiving Grant	Duration	Grant Issuing Authority/Board/Organization
Nil				

ii. Patents

SL No	Title Details	Details of Award of Patents
1.	Rotating Bird Feeder.	Patent Number: 202111009493 A Patent published date: 12th March 2021

7. Awards Received

8. Publications

i. International Journals

Sl.no	Title of paper	Authors	Journal name	Volume no Issue no Year	Wos/scopus/others	Impact factor	Publisher
1	Optimization of Hyper Parameters in Machine Learning Techniques for Air Quality Predictive Analysis	Patil, Basamma Umesh; Ashoka, D V; and V, Ajay Prakash B.	Karbala International Journal of Modern Science	Vol.9, Iss.1, 2023	Scopus	1.53	University of Kerbala
2	Succeeding Progress and the Artificial Cyberspace's Future in Blockchain pp. 5192-5205, September 2022.	Basamma Umesh Patil, D V Ashoka,	Neuro Quantology	vol. 20, issue 9,2022	UGC Care	1.00	AnKa publisher
3	Optimization of Hyper Parameters in Machine Learning Techniques for Air Quality Predictive Analysis	Patil, Basamma Umesh, D. V. Ashoka, B V, A.P.,	International Journal on Information Technologies and security	vol. 13, no. 3, 2021.	UGC Care	4.29	Publication of the Union of Scientists in Bulgaria

4	Detection of COVID-19 Infection from Chest X-Ray Images using CNN	Dhruv Rao, G. Bindu Priya, D. Harshini, B. C. Varshini, Basamma Umesh Patil	Digital Image Processing	vol. 13, no. 3, 2021	Others		
5	Automated Headlight System Using Embedded Computing System	Dr. Ashok Sutagundar, Basamma Patil, Srinidhi K S,, Yashonidhi	International Journal of Indian J.Sci.Res.	17(2), 2017	Others	1.29	
6	Privacy Protection for Personalized Web Search	Basamma Patil, Srinidhi K S, Pooja B	International Journal of Engineering Innovation & Research	Volume 5, Issue 3, 2016	Others	0.67	
7	Intelligence Billing System Using Radio Frequency Identification (RFID) and ZIGBEE	Lokesh A, Basamma Patil, Divya P	IOSR Journal of Computer Engineering (IOSR-JCE),	Volume 17, Issue 3, 2015	Others	1.00	
8	Cryptographic Techniques for Avoiding Discriminating Congestion Attacks in Wireless Networks	Basamma, Aruna M G	International Journal of Engineering Innovation & Research	Volume 3, Issue 3, 2014	Others	0.66	

ii. Conferences

Sl.no	Title of paper	Authors	Conference name	Volume no Issue no Year	Wos/scopus/others	Impact factor	Publisher
1	Resource Allocation for Fog Enhanced Vehicular Services (FEVS)	A. Sutagundar, A. H. Attar and B. Patil	International Conference on Inventive Research in Computing Applications(ICIRCA)	2018	Others		IEEE

2	Prevention of Discriminating Jamming attacks by Combining Cryptographic Primitives	Basamma Patil	4th National Conference on Information Processing-2014,	2014	Others		
3	Automatic Reconfiguration in Wireless Mesh Networks	Basamma Patil, Aruna M G	Wireless Communication and Sensor Networks (WCSN-2013)	2013	Others		
4	Survey of Storage File Formats for Scientific Data Sets	Basamma Patil	2nd National Conference on Current Trends in Computer Science and Engineering (CSECONF 2013),	2013	Others		
5	Analysis of Intrusion Detection System & Emergence of Online Alert Aggregation	Basamma Patil	3rd National Level Conference on Information Processing 2013,	2013	Others		
6	Intellectual Data Manipulation Engine- Ensuring Data Integrity and Data Consistency for Extracting the Data of the Users	Basamma Patil, Lokesh A, Aruna M G, Ashwini Patil	3rd National Level Conference on Recent Trends in Computers, Communications and Information Technology-2013 (RCCIT 13),	2013	Others		

7.Membership of Professional Bodies:

Sl. No	Name of the professional body	Membership type	Membership number
1	IAENG	Life Time	146012
2	IEI	Life Time	AM-158382-7

8. Workshops /Conferences Attended

SI No	Workshop Name	Place	Date	No of Days
1	Big Data and Machine learning	BMSCE, Bengaluru	11-06-2018 to 15-06-2018	6
2	Intellectual Property Rights Significance for Academia	SJBIT, Bengaluru	10-05-2016 to 11-05-2016	2
3.	Machine Intelligence and Image Processing	SJBIT, Bengaluru	20-07-2015 to 27-07-2015	7
4	Medical Data Mining and Analysis using Open Source Tools	SJBIT, Bengaluru	03.07.2014 to 05.07.2014	3

9. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organized by	Date of completion / Award	Grade / Marks
1	Big Data Computing	NPTEL	Feb-Apr-2019	Elite

Irins Link :

Scopus Link : <https://www.scopus.com/authid/detail.uri?authorId=57205768746>

Google Scholar Link : [Basamma Umesh Patil -](#)

[Google Scholar](#)

Name : Basamma Umesh Patil

Assistant Professor

Information Science and Engineering
JSS Academy of Technical Education
Bangalore