

JSS Mahavidyapeetha
JSS Academy of Technical Education

Dr. Vishnuvardhan Road, Srinivasapura post Bangalore 560060
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FACULTY PROFILE

Department: Information Science & Engineering

1. Personal Details

Name	Dr. DV Ashoka 
Department	Information Science Engineering
Date of Birth	10-03-1969
Designation	Professor
Phone No.	9739760069
Email	dvashoka@jssateb.ac.in
Date of Joining	02-06-2012

Total Experience	30 Years
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2. Educational Qualification

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E.	Computer Science & Engineering	1995-96	SJM Institute of Technology Chitradurga 577501 Karnataka INDIA	Kuvempu University, Shimoga Karnataka
M.Tech.	Computer Science & Engineering	2000-2001	Jawaharlal Nehru National College of Engineering, Navule, Shimoga - 577 204, Karnataka, INDIA	Visvesvaraya Technological University, Belagavi, Karnataka
Ph.D.	Faculty of Engineering & Technology	2009-2010	Dr. M.G.R. RI Chennai, Tamil Nadu 600095	Dr.MGR University, Chennai, Tamilnadu

3 Research Guidance

Research Area & Recognition as a guide in different universities	Research Area: Knowledge Engineering Operating System Virtualization Computer Networks Software Engineering Requirement Engineering	University: a. Visvesvaraya Technological University, Belagavi, b. Jain University, Bangalore c. Siddhartha university, Tumkur
PhDs / Projects Guided	Ph.D. Awarded: 08 (Eight) Guiding: 02 (Two)	Projects at Master's Level: 12 Projects at Bachelor's Level: More than 55

4. Patents

Rotating bird feeder, published on 12-03-2021. Indian Patent, Application Number: 202111009493

5. Awards Received

National Award	National Award winners "Rashtriya Ekta Samman-2013". The Award was presented to Dr. DV Ashoka, by Dr. Bhisma Narain Singh (Former Governor) in a Special function organized on the eve of 70th Birth Anniversary of Late ShriRajiv Gandhi On 19th August, 2013 at India Habitat Center, New Delhi.
"Best Paper Award"	<ol style="list-style-type: none"> Best Paper Award for the paper titled "Analysis of Data Gathering Protocol and Security Issues during Data Aggregation in WSN" at International Conference on Computers and Electronics Engineering, held at Hyderabad on 9th-10th Jan 2016. IEEE International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies (ICAECT 2021), 19 - 20, February 2021 Bhilai, Chhattisgarh, India Best Paper award for the paper titled "Deep Learning with Multimodal Fusion for Enhanced Human Activity Recognition" has been Accepted for Oral presentation at the International Conference on Smart Wireless Systems and IoT (SWSIoT-2025) on 19th -20th September 2025 at City Engineering College (CEC), Bengaluru, India.
"Academic Excellence Award"	Excellent teacher award given by the RNSIT Management and students
"Key Note Speaker"	Key note speaker to Address for Industry Automation Session at " Latest Advancements in Science, Management, Commerce and Educational Research (LASM CER-2024) " an international conference organized by Institute for Educational Research and Publication (IFERP) took place in Montreal, Canada on 2nd and 3rd November, 2024.

6. Research Paper Publication

Papers Published in Web of Science indexed Journals	International journals: 17	International Books/conf 10	
Papers Published in SCOPUS indexed Journals	International: 33	International Books/conf 14	
Papers Published in other Journals	International: 32		National: 01
Papers Presented in Conferences / Symposium	International:50		National: 15
Books / Book chapters Published	Smart Power Management in Data Centers Using Machine-Learning Techniques Name of the Book: Intelligent Systems and Sustainable Computational Models Publisher: Taylor and Francis Year of Publication: 2024		
	Name of the book: A comprehensive review on hate speech recognition utilizing natural language processing and machine learning Publisher: CRC Press. Year of Publication: 2024		
	Name of the book: Society 5.0 and the Future of Emerging Computational Technologies Publisher: CRC Press. Year of Publication: 2022		

	Name of the book: C Programming For Problem Solving ,ISBN 978-93-86550-76-7 Publisher: Sunstar Publisher, Bangalore Year of Publication:2019
	Name of the book: Modern Approaches in Machine Learning and CognitiveScience: A Walkthrough. Studies in Computational Intelligence, Publisher: Springer, Cham. Year of Publication:2020
	Name of the book: Advances in Artificial Intelligence and Data Engineering. Advances in Intelligent Systems and Computing Publisher: Springer, Singapore Year of Publication:2021
	Name of the book: Digital Business Publisher: Springer, Cham. Year of Publication;2019
	Name of the book: Intelligent Computing and Communication Publisher: Springer Year of Publication;2019
	Name of the book: Communications in Computer and Information Science Publisher: Springer Year of Publication :2018
	Name of the book :Advances in Intelligent Systems and Computing Publisher :Springer, Singapore Year of Publication:2016
	Name of the book: Smart Innovation, Systems and Technologies Publisher: Springer Year of Publication:2016
	Name of the book: Emerging Research in Electronics, Computer Science and Technology Publisher: Springer, New Delhi Year of Publication:2014
	Name of the book :Computing and Network Sustainability Publisher: Springer Year of Publication:2017

i. International Journals

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
1	Unveiling Sustainable Agriculture: An Ensemble Approach for Precision Crop and Fertilizer Recommendation with Local Interpretable Model-Agnostic Explanations.	R, C., Ashoka, D.V., B V, A.P. <i>et al.</i>	Journal of Intelligent Information Systems	October 2025 https://doi.org/10.1007/s10844-025-01000-z	Both	4.91	Springer
2	EffiViT: Hybrid CNN-Transformer for Retinal Imaging,	Rajatha, Dr. DV Ashoka	Computers in Biology and Medicine,	Volume 191,110164, ISSN 0010-4825 June 2025	Both	8.43	Pergamon
3	Soil classification revolutionized: A hybrid transfer learning approach with SHAP analysis	Raju, C., Ashoka, D.V. & B V	Multimedia Tools and Applications	13807501, 15737721 20-5-2025	Both	5.19	Springer US

4	Optimized multi-layer self-attention network for feature-level data fusion in emotion recognition	Basamma Umesh Patil, Ashoka Davanageri Virupakshappa, Ajay Prakash Basappa Vijaya	IAES International Journal of Artificial Intelligence (IJ-AI)	13 (4) 2024	Scopus	2.85	IAES
5	F-DenseCNN: feature-based dense convolutional neural networks and swift text word embeddings for enhanced hate speech prediction	Shilpashree S & Ashoka, D.V.	<i>Social Network Analysis and Mining</i>	14 (1) September 2024 https://doi.org/10.1007/s13278-024-01345-3	Both	3.49	Springer
6	Improved top-down attention phasmatodea population spiking neural network based multi crop recommendation framework.	R, Chetan., Ashoka, D.V. & B, Ajay Prakash	Multimedia Tools and Applications	April 2024 https://doi.org/10.1007/s11042-024-19140-9	Both	4.53	Springer
7	A Deep Learning Based Reliable Link Prediction Model for Achieving Traffic Aware Routing in Mobile Adhoc Networks	M B Talawar, D V Ashoka, R Nagaraja	International Journal on Artificial Intelligence Tools	Vol. 33, No. 04, June-2024	Both and SCI indexed	1.2	World Scientific Publishing Company
8	Hybrid Transfer Net: Advancing Soil Image Classification through Comprehensive Evaluation of Hybrid Transfer Learning	R Chetan, DV Ashoka, Ajay Prakash B V	IAES International Journal of Artificial Intelligence	Volume:13 Issue-2 Pages-1702~1710 June 2024	Scopus	2.85	Institute of Advanced Engineering and Science
9	Unveiling visionary frontiers: a survey of cutting edge techniques in deep learning for retinal disease diagnosis	Rajatha S, D V Ashoka	Indonesian Journal of Electrical Engineering and Computer Science	Volume-33 Issue-2 Pages 1261~1272 2024	Scopus	1.94	Institute of Advanced Engineering and Science
10	Crop Cast: Harvesting the future with interfused machine learning and advanced stacking ensemble for precise crop prediction	Chetan Raju, D V Ashoka, Ajay Prakash B V	Kuwait Journal of Science	Volume 51, Issue 1, January 2024, 100160	Scopus	1.4	Elsevier
11	Robust Missing Data Handling using Intelligent Machine Learning Imputation Technique for Heterogeneous Dataset	Ashoka Davanageri Virupakshappa Sowmya Venkatesh, Maragal Venkatamuni Vijay Kumar	International Journal of Intelligent systems and applications in engineering	Volume-12 Issue-18 March 2024	Scopus	1.74	Ismail Saritas
12	Comprehensive Performance Study of Hashing Functions.	Ashoka, D. V., Sridevi, G. M., Ramakrishna, M. V.	Computer Science Journal of Moldova	31 (2), (2023).	Both	0.48	Institute of Mathematics and Computer Science of Moldova
13	Lo-Ra based covid patient health detectingsystem.	Majumder, D., Kumar, S. M., Ashoka, D. V.,& Naraganam, A. S.	In AIP Conference Proceedings (Vol. 2523, No. 1).	2023	Scopus	0.189	AIP Publishing.
14	An effective imputation scheme for handling missing values in the heterogeneous dataset	Sowmya Venkatesh, Maragal Venkatamuni Vijay Kumar, Ashoka Davanageri Virupakshappa	Indonesian Journal of Electrical Engineering and Computer Science	2023	Scopus	2.9	IAES

15	Data Integration Based Human Activity Recognition using Deep Learning Models. ,	Patil, B. U., Ashoka, D. V., & Prakash, B. V. A.	Karbala International Journal of Modern Science	9(1), 11. 2023	Scopus	2.2	University of Kerbala
16	Succeeding progress andthe artificial cyberspace's future in blockchain	D V Ashoka Basamma Umesh Patil	Neuro Quantology	20 (9), 2022	Scopus	0.2	Neuro Quantology
17	Partial Pseudo-Random Hashing for Transactional Memory Read/Write Data Processing and Validation. ,	Sridevi, G. M., DV, Ashoka, & Prakash, B. V.	Karbala International Journal of Modern Science	8(2), 71-80. 2022	Scopus	2.2	University of Kerbala
18	Machine Learning-BasedSimplified EarlyLink Failure Detection Model for Mobile Ad-Hoc Network	Dr. D V Ashoka, Manjunath B Talawar	International Journal of Computer Science and Network Security	22 (4), 2022	WOS	0.5	John M
19	IMLAPC: Interfused Machine Learning Approach forPrediction ofCrops.	Chetan R, Ashoka, D. V., & BV, Ajay.Prakash. (2022).	Revue d'Intelligence Artificielle,	36(1). 2022	Scopus	1.94	IETA
20	Service level agreementaware energy optimized scheduling algorithm for cloud computing Environment	Jambigi, M. V., Kumar, M. V., &Ashoka, D. V.	International Journal on Information Technologies & Security,	14(1). 2022	Both	0.9	TUS-Technology Ltd
21	Optimizationof hyper parameters in machine learning techniques for air quality predictive Analysis.	Patil, B. U., Ashoka, D. V., & BV, A. P.	International Journal on Information Technologies & Security	13(3). 2021	WoS	0.9	TUS-Technology Ltd
22	A Symmetrically Diminished Interconnected Database Segmentation Framework Using Data Mining.	Kumar, S. M., Majumder, D., Naragunam, A. S., & Ashoka, D. V.	Journal of Physics: Conference Series	(Vol. 1964, No. 4, p. 042071) . 2021	Scopus	0.48	IOP Publishing
23	Edge computer-enabled internet of vehicle applications with secure computing and load balancing.	Majumder, D., Kumar, S. M., Ashoka, D. V., & Naragunam, A. S.	Journal of Physics: Conference Series	(Vol. 1964, No. 4, p. 042015)	Scopus	0.48	IOP Publishing.
24	Energy Aware Resource Utilization Technique for Workflow Scheduling in Cloud Computing Environment	Dr. Prabha R Murgesh V. Jambigi, Dr. M.V. Vijay Kumar, Dr. D.V. Ashoka	Turkish Journal of Computer and Mathematics Education	12 (10) 2021	Scopus		Turkbilmat Egitim Hizmetleri

25	NetAI-Gym: Customized Environment for Network to Evaluate Agent Algorithm using Reinforcement Learning in Open-AI Gym Platform.	Vidyadhar, V., Nagaraj, R., & Ashoka, D. V.	International Journal of Advanced Computer Science and Applications	12(4). 2021	Both	1.30	Science and Information Organization
26	Extendible Hashing with Universal Class of Hashing Functions	D. V. Ashoka, M. V. Ramakrishna. G. M. Sridevi	International Journal on Information Technologies & Security	Volume 13 Issue1 Pages 51-66 2021	WoS	1.449	Technical University of Sofia
27	Content Modelling Intelligence System Based on Automatic Text Summarization	Dr. D V Ashoka Sanjan S Malagi, Rachana Radhakrishnan, Monisha R, Keerthana S	international Journal of Advanced Networking and Applications	Volume 11 Issue6 Pages 4458-4467 2020	-	3.462	Eswar Publications
28	PredictingAlert Source Device using Machine Learning Algorithms	D. V. Ashoka and Bharath M.B	International Journal of Innovative Technology and Exploring Engineering	Volume9 Issue9 Pages 1-10 2020	Scopus	1.0	Blue Eyes Intelligence Engineering & Sciences Publication
29	An Overview of AutomaticText Summarization Techniques	Keerthana S Dr. D V Ashoka, Sanjan S Malagi, Rachana Radhakrishnan, Monisha R	International Journal of Engineering Research & Technology	Volume8 Pages 152-155 2020	-	-	IJERT
30	IoT Based Medicine Dispenser	Aditya Patil , DarshanB.G., Dr. D.V. Ashoka, Nethravathi	International Journal of Engineering Research & Technology	Volume8 2020	-	-	IJERT
31	BLEH: Bit-Less Extendible Hashing for DBMS and Hard Disk Drives	D V Ashoka, GM Sridevi Dr.Ramakrishna	International Journal of Innovative Technology and Exploring Engineering	Volume9 Issue2 Pages 2191-2197 2019	Scopus	1.0	Blue Eyes Intelligence Engineering & Sciences Publication
32	A low-cost and autonomous tracking devicefor Alzheimer's patients	Ashoka, D.V Hegde, N. Muralidhara, S.	Journal of Enabling Technologies,	13(4), pp. 201-211 2019,	WOS and Scopus	0.64	Emerald Group Publishing Ltd
33	SRHM: Sustainable routing for heterogeneous Adhoc environment in iot- based mobile communication,	Rekha, B.;Ashoka, D. V.	CompuSoft, An international journal of advanced computer technology	Volume 8, Year 2019, Pages 3003-3010	Scopus	3.3 (InfoBase Index)	COMPUSOFT
34	Performance Analysis of Machine	Dr. D V Ashoka Ms.S Varsha, Ms. Prathiba P S, Ms.	Journal of Computer Science	Volume 5, Year 2019, Pages 17-	-	-	MAT Journals
	Learning Algorithms in SMP: A Case Study of Twitter	Deepika N, Ms. Neha Janghel,	Engineering and Software Testing,	22			

35	Data Security Implementation Scheme on Cloud Environment,	Yashas BN, Nagaraja G S, Ashoka D V,	Journal of Web Development and Web Designing,	Volume 4, Year 2019, Pages 18-22	-	-	MAT Journals
36	AAAS-Framework in Large Virtualized Environment, , Volume 12,	D V Ashoka, M B Bharath	Indian Journal of Science and Technology	Volume 12 Issue 4 Year 2019, Pages 1--8	WoS	is 0.600	Indian Society for Education and Environment & Informatics Publishing Limited
37	Multiple Mobile Elements Based Energy Efficient Data Gathering Technique in Wireless Sensor Networks,	Bhat Geetalaxmi Jayram, and DV Ashoka,	Data Engineering and Communications Technologies	Volume 21, Pages 263-285 Year 2019	Both	-	Springer, Cham
38	Big Data Applications in Personalised Marketing, Personalized Healthcare and Other Services,	Dr D.V Ashoka Mukesh S B , Prasanna kumar N,	International Journal of Innovative Research in Computer and Communication Engineering,	Volume 5, , Pages 29-34 Year 2017	-	-	IIRCE
39	Use of Data Analytics to Recognize Threats in the Security Systems of Banks,	Dr. D.V.Ashoka Prashasthavardhana Prahlad , Sachin K. Rai,	International Journal of Innovative Research in Computer and Communication Engineering,	Volume 5, Pages 23-28 Year 2017	-	-	IIRCE
40	A Survey on the Small Data	Dr. D.V.Ashoka Ramu Sangeetha	international Journal of Computer Sciences & Engineering	Volume 4 Issue 3 Pages 197-201 2016	-	-	IICSE
41	A Survey on Operating System Virtualization Methods and Challenges,	DV Ashoka, Abhilash CB,	i-manager's Journal on Information Technology (JIT),	Volume 5, Pages 28—33 Year 2016,	-	2.235	i-manager's
42	IGP: Inter-operable Gateway Protocol for Routing in Heterogeneous Mobile Ad-hoc Networks	Rekha B, D.V.Ashoka,	International Journal of Innovative Research in Computer and Communication Engineering,	Volume 4, Pages 1966—1973 Year 2016,	-	-	IJRCCE
43	SSI Routing Scheme for Heterogeneous MANETs B,	, Dr.DV Ashoka, Rekha	International Journal of Advanced Engineering, Management and Science,	Volume 2, Issue-9 Pages 1439—1445 Year 2016,	-	-	Infogain
44	Validation of Multiple Mobile Elements Based Data Gathering Protocols for Dynamic and Static Scenarios in Wireless Sensor Networks	Jayram, Bhat Geetalaxmi, Ashoka, D. V.	Procedia Computer Science	Volume 92 Pages 260-266 Year 2016,	Scopus	1.26 Cite Score: 2.5	Elsevier

45	SCIDR: A Scalable Cluster based Inter-Domain Routing Protocol for Heterogeneous MANET,	Dr. D V Ashoka and Rekha B,	International Journal of Computer Applications,	Volume 122 Issue 4 Year 2015	-	-	Foundation of Computer Science
46	Qualified Breakdown of Wi-Fi with and without standard in Wireless Networks - Onus on Throughput, ,	D. V. Ashoka, Bhat Geetalaxmi Jairam,	International Journal of Advanced Research in Computer and Communication Engineering	Volume 4, Pages 19—21 Year 2015	-	-	IJARCCCE
47	'Instant Access of Power Usage through IP Enabled Electronic Power Meter ,	Ashoka, DV, S Gowda, M Sreenatha, MB Talawar,	International Journal of Engineering Research and Development,	Volume 11, Issue 3 Year 2015, Pages 60--63	-	-	IJERD
48	An Exploration of PNN and GRNN Models For Efficient Software Development Effort Estimation,	B V Ajay Prakash, D V Ashoka,	Journal of Information Technology Review,	Volume 6, Year 2015, Pages 55--61	-	-	DLINE Journals Srilanka
49	Estimating Software Development Effort using Neural Network Models,	DV Ashoka, V N Manjunath Aradhya, B. V Ajay Prakash,	International Journal of Advanced Research in Computer Science and Software Engineering,	Year 2015, Pages 1257-1262	-	-	IJARCSSE
50	Path Authentication in Heterogeneous MANET using Extended Route Authentication Protocol (ERAP),	Dr. DV Ashoka, Rekha B,	International Journal of Engineering and Technical Research	Volume 3, Year 2015, Pages 122—126	-	-	IJETR
51	MAC Layer Protocols for WSN - Comparison and Performance Improvement Strategy,	Bhat Geetalaxmi Jayram, Dr. D. V. Ashoka,	International Journal of Engineering Research,	Volume 3, Issue 4 Year 2014, Pages 217-220	-	-	Innovative Research Publications, Bhopal M.P. India
52	Intelligent data gathering in distributed wireless sensor environment – A Real Scenario,	Bhat geetalaxmi, Dr DV Ashoka,	International Journal of Scientific and Engineering Research	Volume 5 Issue 2 ISSN 2229-5518, Volume 5, Year 2014	-	-	IJSER
53	A Short Study on MPLS with Internet Traffic Engineering,	Dr. D V Ashoka, Mr. Manjunath B Talawar,	International Journal of Engineering Research and Development,	Volume 10, Issue 9 Year 2014, Pages 38--43	-	-	IJERD
54	Performance analysis of AODV and AOMDV routing protocols on scalability for MANETs,	Rekha, B.; Ashoka, D. V.	Lecture Notes in Electrical Engineering,	Volume 248 LNEE, Year 2014, Pages 173-181	Scopus	-	Springer

55	Application of data mining techniques for defect detection and classification,	Ajay Prakash, B. V.;Ashoka, D. V.;Manjunath Aradya, V. N.	Advances in Intelligent Systems and Computing,	Volume 327, Year 2014, Pages 387-395	-	-	
56	Application of Data Mining Techniques for Software Reuse Process	Ajay Prakash, B. V.;Ashoka, D. V.;Manjunath Aradya, V. N.	Procedia Technology	Volume 4, 2012, Pages 384-389	WoS	0.97	Elsevier Science direct
57	Merits and demerits of existing energy efficient data gathering techniques for wireless sensor networks,	Bhat Geetalaxmi Jayram, DV Ashoka,	International Journal of Computer Applications,	Volume 66, Issue9 Year 2013,Pages 0975 – 8887	-	-	Foundation of Computer Science
58	An Evaluation of Neural Networks Approaches used for Software Effort Estimation,	Prakash, BA and Ashoka, DV and Aradhya, VN Manjunath	Int. J. of Network Security,	Volume 1, year 2013, Pages 1-4	-	-	IJNS
59	An Enhanced Inter-Domain Communication among MANETs through Selected Gateways, ,	Rekha, B and Ashoka, DV,	International Journal on Recent Trends in Engineering \& Technology	Volume 9, Issue 1 Year 2013, Pages 6	-	-	ACEEE
60	Detection architecture of application layer DDoS attack for Volume 3,	Sanjay B Ankali, DV Ashoka,	internet, International Journal of Advanced Networking and Applications,	Year 2011, Pages 984-990	-	-	Ishwar Publications
61	Intelligent Assistant for Requirement Elicitation Using Knowledge Management,	DV Ashoka, Dr.KSG,	International journal of computer applications in engineering, technology and sciences,	Volume 1, Year 2009, Pages 243-253	-	-	Amoghsiddini

ii. National Journals

Sl. No.	Title of the paper	Name(s) of Authors	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
1	A Novel Model of OS Virtualization using Process containment and Full Hardware emulation	Dr. DV Ashoka, Bharath MB	National Journal of Engineering science & Management,	Volume 1, Year 2011, Pages252 - 258	-	-	LNCT Bhopal

iii. Conferences

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of theConference	Volume No.Issue No. Year	WOS / Scopus	Publisher
1	Zero Day Attack Detection Using Deep Learning + Apache Spark	Dr.DV Ashoka, Neha S Jain	Asian conference on Intelligent Technologies (ACOIT) 2025, hosted by IEEE Bangalore Chapter & Dr. T. Thimmaiah Institute of Technology, Kolar , Karnataka , India	October 2025	Scopus	IEEE

2	Hardware Inventory Management System Using IoT	A Karri, SS Rao, DV Ashoka, B Nethravathi, V Sahana	2022 Fourth International Conference on Cognitive Computing and Information Processing (CCIP)	2022	Scopus	IEEE
3	Resource Allocation Techniques in Edge/Fog Computing	D Majumder, SM Kumar, DV Ashoka, AS Nargunam	2021 International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies (ICAECT)	2021	Scopus	IEEE
4	Smart Agro-Ecological Zoning for Crop Suggestion and Prediction Using Machine Learning: An Comprehensive Review	Chetan, R. Ashoka, D.V. Ajay Prakash, B.V	Advances in Intelligent Systems and Computing,	1133, pp.12 73-1280 2021	Scopus	Springer Nature SwitzerlandAG
5	A Framework for Enhancing the Agriculture yield using Cloud Clusters,	Dr. D V Ashoka, C B Abhilash, Bharath M B,	International Conference on Advanced Technologies in Intelligent Control, Environment computing and Communication Engineering, ICATIECE 2019.	1st, Volume Year 2019, Pages 162-166	Scopus	IEEE explorer
6	Event data analysis in large virtualized environment, ,	Bharath, M. B.;Ashoka, D. V.	Communications in Computer and Information Science	Volume 801, Year 2018, Pages 313-323	Both	Springer
7	Exploration of neural network models for defect detection and classification	B.V. Ajay Prakash; D.V. Ashoka C. Naveena; V.N. Manjunath Aradhya;	International Journal of Convergence Computing	Volume 2, Issue 3-4 March-2018	-	Inder Science
8	Algorithm to Find the Dependent Variable in Large Virtualized Environment	Bharath, M. B.;Ashoka, D. V.	Advances in Intelligent Systems and Computing, Springer, Singapore.	vol 507. 2017	both	Springer, Singapore
9	Analysis of Data Gathering Protocol and Security Issues during Data Aggregation in WSN,	D. V. Ashoka, Bhat Geetalaxmi Jayram,	International Conference on Computers and Electronics Engineering 2016 (ICCEE-2016)	pages 101—104 Year 2016	-	Mc Graw Hill Education
10	Comparative analysis of data gathering protocols with multiple mobile elements for wireless sensor network, ,	Jayram, Bhat Geetalaxmi; Ashoka, D. V.	Smart Innovation, Systems and Technologies	Volume5 0,Pages 281-290 Year 2016,	Scopus	Springer, Cham
11	A novel framework for integrating data mining techniques to software development phases,	Ajay Prakash, B. V.;Ashoka, D. V.;Manjunath Aradhya, V. N.,	Advances in Intelligent Systems and Computing,	Volume 434, Year 2016, Pages 485-493	Web of Science And SCOPUS,	Springer

12	Comparative Analysis of Data Gathering Protocols with Multiple Mobile Elements for Wireless Sensor Network”.	Dr. DV Ashoka, Bhat Geetalaxmi Jairam ,	International Conference on ICT for	Year 2015	- SCOPUS,	Springer
13	New Performance Evaluation Model for Virtual Platforms,	Dr. DV Ashoka, Bharath MB,	International Conference on Convergence of Technology (I2CT-2014), Pune,	Year 2014	-	I2CT-2014
14	“Influence of Agile Methodologies in Software Development- A CASE STUDY” ,	Ashoka DV, Ajay prakash BV,	International Conference on Recent Trends in Engineering & Technology, Kerala	Year 2014, Pages 34--38	-	ICRTET-14
15	Data Gathering Technique and Security Aspects in Wireless Sensor Network,	Dr. DV Ashoka, Bhat Geetalaxmi Jayaram	National Conference On Recent Advancements in Computer Engineering RACE,	Year 2014	-	RACE-14
16	Inter-Domain Routing and Security in MANETs: A Survey,	Dr. D V Ashoka, Rekha B,	National Conference On Recent Advancements in Computer Engineering RACE	Year 2014	-	RACE-14
17	Machine Migration: Using Storage Array Remote Replication,	Dr. D V Ashoka, Bharath M B	National Conference On Recent Advancements in Computer Engineering RACE	Year 2014	-	RACE-14
18	Necessity of Improvement in Existing Data Gathering Techniques in Wireless Sensor Networks	Dr. DV Ashoka, Bhat Geetalaxmi Jayaram,	International Conference on Global Research Computer Science and Engineering,	Volume , Year 2013, Pages 50-57	-	Global Research
19	An enhanced geographical based minimal gateway selection method to improve connectivity in MANETs, Proceedings of journal,	Rekha Basavaraju, DV Ashoka,	International Conference on Emerging Research in Computing Information, communication and application, ERCICA,	Volume , Year 2013, Pages 8-13	-	Elsevier
20	Challenges in Evaluating the Virtual platform, ,	Dr. DV Ashoka, Bharath MB	6th AISE-2013 National conference proceedings,	year 2013, Pages 61-66	-	
21	Comparison of MAC layer Protocols for WSN,	Dr. DV Ashoka, Bhat Geetalaxmi Jayaram,	International Conference on Evolutionary Trends in Information Technology,	Year 2012	-	
22	Performance Improvement of DMAC for Data Gathering in Wireless Sensor Networks	Dr. DV Ashoka, Bhat Geetalaxmi Jayaram,	2nd International Conference on Global Research sharing innovative thoughts,	Year 2012, Pages 61-67	-	

23	Application of Data Mining Techniques for Software Reuse Process	Dr. DV Ashoka V.N. Manjunath Aradhya and B. V. Ajay Prakash	2nd International Conference On Computer, Communication, Control And Information Technology	Year 2012	-	(C3IT-2012),
24	Data Mining Based Network Intrusion Detection System: A Database Centric Approach	D. V. Ashoka, Chetan. R,	International conference on computer communication and informatics"ICCCI-SIET, Coimbatore, Tamil Nadu,	Year 2012, Pages 1--6	Scopus	IEEE explorer
25	"New Model of Operating System Virtualization using both Process Containment and Full Hardware emulation",	Dr. DV Ashoka, Bharath M B,	ICFoCS Atria Institute of Technology Bangalore	Year 2011	-	IFFoCS
26	"Decision- Making Based On Situation At Machine-Building Organizations Using Knowledge Management",	Ashoka, DV, Dr.KSG	NCAME, DBIT year 2009, Pages 176-184		-	NCAME
27	"The Application of Knowledge Management in Requirement Engineering",	Ashoka, DV, Dr.KSG, BMB,	IEEE IACC 2009,	Year 2009, Pages 2309-2313	-	IEEE explorer
28	Information and Knowledge Management for Global Access: In an Academic Library Scenario,	Ashoka, DV, Dr.KSG, Puttaswamy	TEQUIP Sponsored 02Day National Seminar "In Search Of Information Power-Future,	year 2008, Pages 8-13	-	
29	"The Role of Knowledge in Requirements Management Metrics: A Review,	Ashoka, DV, Dr.KSG,	National Conference TechSympo 08,	year 2008,	-	NCTS
30	Intelligent Assistants for Information and Knowledge in Small and Medium Software Organizations,	Ashoka, DV, Dr.KSG,	IEEE – International Conference On Cognition and Recognition	April 2008,	-	IEEE
31	"Overview of Data Mining and Data Warehousing in Intrusion Detection System",	Ashoka, DV, Dr.KSG,	NCNGN2007BNMTT, Bangalore	year 2007	-	NCNGN2007
32	Data Warehousing and Data Mining Techniques for Enterprise Knowledge Management,	Ashoka, DV, Dr.KSG,	Recent Advances in Information Technology for Faculty & Students,	Year 2007, Pages 54-63	-	-

33	Business & Technological Overview of Data Mining and Data Warehousing Technique Applied for Organizational Decision Making Using KMS,	Ashoka, DV, Dr.KSG	Magnum Opus,	year 2007	-	-
34	“Intelligent Assistants for Information and Knowledge Management in Software Engineering - Environments: An Overview”,	Ashoka, DV, Dr.KSG, Dr.KSS	52nd Congress of ISTAM, BNMIT Bangalore	year 2007	-	-
35	Data Mining and Data warehousing Techniques for knowledge and Information Resource Management: An AI View	Ashoka, DV, Dr.KSG, Dr.KSS	International Conference on Systematics, Cybernetics and Informatics- ICSCI-2007 Hyderabad	2007	-	3-7 th January 2007
36	“Nanotechnology for Data Warehousing and Data Mining and Computational Models”,	Ashoka, DV, Dr.KSG,	National Level Conference-All India Seminar on Vistas of Nano Applications, The Institution of Engineers, Bangalore	year 2006	-	IE
37	Knowledge and Information Resource Management in Software Engineering Environments	Ashoka, DV, Dr.KSG,	International Conference on Frontier Technologies-need for the industry, Business and Education	2006	-	6-8 September 2006
38	Pervasive Computing	Ashoka, DV, Dr.KSG,	National Level Conference on Emerging Technologies and applications ETA-2005 Department of CSE Saurashtra University, Rajkot	2005		ETA
39	“Data warehousing on the Web”.	Ashoka, DV, Dr.KSG	“Emerging Trends in Computer Communication and Networks,	Year 2006	-	ETCCN
40	“Genetic Algorithms for Data Mining”,	Ashoka, DV, Dr.KSG,	5th National Level Biological Congress On “Biotechnology: A Global Perspective,	year 2006	-	-

7. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1.	CSI sponsored FDP on generative AI	JIT, Bangalore	23rd August 2025
2.	Five days Faculty Development Program on Artificial Intelligence and Emerging Technologies.	Department of Computer Science and Engineering, JSS Science and Technology University, Mysuru.	18/03/2025 to 22/03/2025
3.	Inculcating Universal Human Values in Technical Education	AICTE	11/11/2024 to 15/11/2024
4.	IOT Framework – Tools, Protocols and Standards	IOT Society of India	28/02/2025

5.	AICTE Recognized Faculty Development Programme on IOT Basics	Information Management and Emerging Engineering Department in Association with NITK Chandigarh	24/04/2023 to 28/04/2023
6.	Five days National level Faculty Development Program (FDP) on "Exploring Computational Intelligence"	School of Computer Science and Engineering, VIT AP University	16th July 2024 to 20th July 2024.
7.	Five days National level Faculty Development Program (FDP) on "Effect of Generative AI in Modern Research and Industry"	Department of Computer Science, Sister Nivedita University, India,	29th April to 3rd May, 2024
8.	Microsoft, SAP & AICTE ATAL led Faculty Development Program on "Cloud Computing"	TechSaksham	30th January to 03rd February 2023
9.	AICTE Recognized Faculty Development Programme on Cryptography for Information Security	Computer Science and Engineering Department in Association with NITK Chandigarh	09/05/2022 to 13/05/2022
10.	AICTE Recognized Faculty Development Programme on Cyber Crime and Forensic Tools	Information Management and Emerging Engineering Department in Association with NITK Chandigarh	23/05/2022 to 27/05/2022
11.	AWS Cloud Frontier- Transform to Next Gen Infra with AWS Files	Amazon	16-mar-2023
12.	Trends and opportunities in consultancy and management	CDC, BIT Bangalore	23-27 th November 2020
13.	2nd International Conference On Artificial Intelligence And Speech Technology (AIST-2020)	Indira Gandhi Delhi Technical University for Women (IGDTUW) , Delhi	Held on 19th -20th November, 2020.
14.	Recent Trends in Information Technology,	Jointly organized by the ISTE and department of ISE, BIT Bangalore.	2nd June to 6th June 2020
15.	"ENTREPRENEURSHIP FOR ENGINEERS"	Presented by Er. K. K. Prasanna, GM & Head design initiative, EDRC, B&FIC, L&T Limited – Construction, Chennai organised by Department of Civil Engineering, Nagarjuna College of Engineering and Technology, Bengaluru in association with Indian Concrete Institute, Bengaluru and Association of Consulting Civil Engineers (India), Bengaluru on	05/10/2020
16.	Group Activity Detection & Recognition in Persistent Surveillance systems"	Organized by Department of Information Science and Engineering, VVCE, Mysuru	On 22nd July 2020.
17.	"Satellite and Automation".	organized by GSSS Institute of Engineering and Technology for Women, Mysuru IEEE Student Branch and IEEE WIE Affinity Group in association with IEEE Bangalore Section and IEEE Circuits and Systems (CAS) Society Bangalore Chapter	from 11th to 13th May 2020
18.	2 Days National Conference on Entrepreneurship- AWAKEN THE ENTREPRENEUR IN YOU	SkillSlate & Zovy Studios	26 th and 27 th September 2020

19.	"Technology Driven Logistics and SupplyChain during COVID-19"	conducted by IEEE India Council,	19th May 2020
20.	Faculty Development "Emerging Technical Aspects Of Current Learning Needs ForFaculty".	Amity School of Engineeringand Technology, Kolkata"	22nd-25th of June and on27th of June 2020
21.	5 Day National Conference on Examination Transformation (NEXT 2020)	organized by Skill Slate andCoE India in association with MIT World Peace Universtiy, RR Institute of Applied Sciences & Zovy Studios, Pune	10th August to 14th August 2020
22.	"A New Era of Data Science"	Department of Computer Science and Engineering Raja Rajeswari College of Engineering, Bangalore	26th May 2020.
23.	"BLOCKCHAIN"	organized by Dept. of CSE, Cambridge Institute of Technology,	17th June 2020
24.	Recent Trends in Information Technology,	jointly organized by the ISTE and department of ISE, BIT Bangalore	2nd June to 6th June 2020
25.	"Intellectual Property Right's Patent filing Procedure"	organized by the Department of Mechanical Engineering, Shetty Institute of Technology, Kalaburagi	on 15 June 2020
26.	Introduction to ReactJS"	Organized by Department of Computer Science and Engineering, SJB Institute of Technology	on 23rd May 2020,
27.	"Strategy for Enhancing Article Citation andH-Index"	Organized by Department of Mechanical Engineering, ACS College of Engineering, Bengaluru.	11th May 2020
28.	2-Day FDP on "Saksham-Microsoft Azure & Cognitive Services",	JSSATE, Bangalore	28/9/2018 to 29/9/2018
29.	FDP on "Computational Data Science"	organized by the DepartmentISE, JSSATE Bangalore,	16th to 21st January 2017
30.	"Emerging Technologies" organized by Visvesvaraya Technological University,	VTU Regional office, Bangalore,	26th September 2016
31.	FDP on "Cloud Computing" organized by Visvesvaraya Technological University,	VTU Regional office, Bangalore,	6th December 2015.
32.	workshop on "Accreditation Process forTechnical Institutions	organized by JSSATE, Bangalore in associationwith Visvesvaraya Technological University,	26th & 27th August 2016.
33.	awareness program on Plagiarism & Process adopted at VTU for PhD,	SJBIT, Bangalore	July 25th 2015
34.	Two-Day workshop on "High Impact Teaching Skills"	Conducted by WIPRO- Mission 10X and jointly organized by Dale Carnegie Training, Bangalore.	on 27th –28th of January 2009
35.	Faculty Training Program	Held by Accenture under theaegis of the Nasscom IT workforce Development, Bangalore,	on 23th –24th of April 2007.
36.	Faculty Training Program on Open Solaris.	held by Sun Microsystem, Bangalore,	2007
37.	"Essential of functional Testing with IBM Rational Robot".	conducted by IBM software, Bangalore	on 26th –28th of June 2006
38.	Faculty Training Program	Held by Accenture under theaegis of the Nasscom IT workforce Development, Bangalore,	On 26th –27th of September 2006.
39.	Workshop on "Data warehousing and its application"	Organized by Department of MCA, PES Institute of Technology, Bangalore	On 13th of May 2006.

40.	Attended workshop on “Industry Oriented Software Engineering and Technology trends”	Conducted at Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR) jointly organized by Infosys & IISc, Bangalore,	On 8th-10th of February 2006.
41.	Five days FDP on “Teaching Entrepreneurship at Graduate level”	Organized by Visvesvaraya Technological University, Belgaum,	Between 18th to 22nd April 2005.

8. Workshops / Conference (Organized)

Sl. No.	Name of the workshop /Conference	Organized by	Date	Role
1	Five Days Faculty Development Program on “DevOps and Generative AI”	Department of Information Science and Engineering, JSSATE, Bangalore in Association with TriPillar Solutions.	3/02/2025 to 7/02/2025	Organizing Chair
2	National Conference On "Advancements In Information Technology" NCAIT	Department of Information Science and Engineering, JSSATE, Bangalore	Every year Starting from 2014 to 2024	Convener/Organizer/coordinator/session chair
3	National Conference On Recent Advancements in Computer Engineering-RACE-2014	Department of Computer Science and Engineering, JSSATE, Bangalore	4 th and 5 th September 2014	Convener
4	Third international conference on Cognitive computing and Information processing (CCIP 2017)	Department of Computer Science/Information Science and Engineering, JSSATE, Bangalore	15 & 16 December 2017	Technical program co-chair
5	Faculty Development Programme on “Research Methods in Computer Human Interaction for Management of Information Technology”,	Department of Information Science & Engineering and in association with Indian Society of Technical Education (ISTE) at SJBIT Institute of Technology (SJBIT), Kengeri, Bangalore -60	26th July 2010 to 30th July 2010	Convener
6	Elysia 2011	Department of Information Science & Engineering and in association with Indian Society of Technical Education (ISTE) at SJBIT Institute of Technology (SJBIT), Kengeri, Bangalore -60	April 2011	Organizing Secretary
7	National program TATVA-09	Department of Information Science & Engineering BNMIT, Bangalore	2009	Convener
8	FDP on Soft Computing	Department of Information Science & Engineering BNMIT, Bangalore	2009	Convener
9	FDP on software Testing	Department of Information Science & Engineering and MCA RNSIT, Bangalore	2008	Convener

9. Conference Attended (those sponsored by AICTE / ISTE/IETE/TEQIP or any other sponsoring body)

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	8th KSTA Annual Conference on Science and Technology for GenNext Urban Space, ,	jointly organized by Karnataka Science and Technology Academy (KSTA) & BIT Bangalore	On 5th & 6th November 2015.
2	International Symposium on current trends in Research and Innovation	jointly organized by the Data Science Department, CHRIST (Deemed to be University), Pune Lavasa Campus & Sri Aurobindo Institute of Technology, Indore., in association with ACM and CSI	20-June-2020

3	Online workshop/webinar	conducted by the IEEE Circuits and Systems Society Bangalore Chapter	31 July & 1st August 2020
4	3-day International E-workshop on CyberSecurity	conducted by the department of CSE in association with Computer Society of India, PSG Institute of Technology, Coimbatore	18 th -20 th July 2020
5	Advances in Computer Science and Engineering	Sponsored by CENSA and ISTE at EWIT, Bangalore	29 th and 30 th April 2015
6	TEQUIP Sponsored three days' workshop on Knowledge Mining using ML and its application	MSRIT, Bangalore	23rd-25th January 2014
7	National workshop on "Latest Trends in Mobile Communication,"	Organized by the APEX HI- TECH INSTITUTE, Ministry of Labour and Employment, Govt of India, Bangalore	31st October 2013.
8	Workshop on "Massively Empowered classrooms,"	organized by the Microsoft Research and VTU, hosted by Microsoft, Bangalore	18th January 2013
9	TEQUIP Sponsored workshop on "Industry oriented Software Engineering"	Jointly organized by the Department of ISE-MCA, SIT, Tumukuru	6th -7th of December 2013
10	15 th ISTE Karnataka State Faculty Convention	EWIT, Bangalore	7-8 th December 2012
11	Two-Day workshop on "Software Testing: Tools and Techniques"	jointly organized BITES and GAT, Bangalore,	8th & 9th of April 2011
12	FDP on "Recent Developments in IT,"	Organized by the Microsoft and CSI, hosted by AIT, Bangalore	23rd to 25th June 2011.
13	National level workshop on "Mobile Application Development"	Jointly organized by VTU, CIT & ISTE, Bangalore	21st -22nd of February 2011.
14	Two-Day workshop on "High Impact Teaching Skills"	conducted by WIPRO-Mission 10X and jointly organized by Dale Carnegie Training, Bangalore,	27th -28th of January 2009
15	Infosys SPARK leadership Summit-2008	Infosys, Mysore	2008
16	TEQUIP Sponsored 02 Day National Seminar "In Search Of Information Power-Future, Faculty Training Program	nitte	year 2008,
		held by Accenture under the aegis of the Nasscom IT workforce Development, Bangalore,	23th -24th of April 2007
17	TEQUIP /Govt. of Karnataka Sponsored two days training programme GIS & Spatial Data Mining	TEQUIP /Govt. of Karnataka Sponsored BMS College of Engineering, Bangalore	8 th and 9 th September 2006
18	International Conference on Frontier Technologies Need for the Industry Business & Education	ACE, Hosur-ISTE sponsored	6 th September 2006
19	10th ISTE Karnataka State Faculty Convention- 2day national Seminar on "Role of Technical Education in making Indian Economy Super Power by 2020"	Acharya Institute of Technology, Bangalore	November 23 rd and 24 th , 2007

10. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organized by	Date of completion / Award	Grade / Marks
1	Introduction to the Internet of Things and Embedded Systems Irvine,	University of California Coursera	June 10, 2020,	100%
2	COVID-19: What You Need to Know (CME Eligible),	Osmosis, Coursera	May 12, 2020	100%
3	IT Project Management, ,	Indian School of Business, Coursera	June 6, 2020	92.50%,
4	Programming for Everybody (Getting Started with Python)	University of Michigan, Coursera).	June 20, 2020,	100%
5	Accreditation and Outcome based Learning	NPTEL	October 2019	52%

6	Course on Introduction to internet of things	NPTEL	June 2020	97%
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11. Professional Membership : MISTE, Fellow of The Institution of Engineers (India) (FIE)

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- Publon:** <https://publons.com/researcher/1591411/dr-dv-ashoka/>
- Google Scholar Id:** <https://scholar.google.com/citations?user=CRxE-IoAAAAJ&hl=en>