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	Dr. DV Ashoka
DEPARTMENT	Information Science & Engineering
DESIGNATION	Professor & Former Dean(Research)
PHONE	+91 9739760069
EMAIL ID	dr.ashok_research@hotmail.com dvashoka@jssateb.ac.in
Date of Joining (JSSATEB)	02-06-2012

2. Experience

Total Experience in Years	Teaching: 28 Years	Industry: Nil	Research: 20 Years

3. Qualifications

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. Educational And Research Institute Chennai, Tamil Nadu 600095	Dr.MGR University, Chennai, Tamilnadu

4. Research & Publications

Papers Published in Web of Science indexed Journals	International journals: 09	International Books/conf 06	National: 00
Papers Published in SCOPUS indexed Journals	International: 15	International Books/conf 11	National: 00

Papers Published in other Journals	International: 32	National: 01
Papers Presented in Conferences / Symposium	International:50	National: 15
Books / Book chapters Published	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 Cognitive Science: 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	

5. Research Guidance

PhD Guide? Give field & University	Yes, Knowledge Engineering Operating System Virtualization Computer Networks Software Engineering Requirement Engineering	University: a. Visvesvaraya Technological University, Belagavi, b. Jain University, Bangalore c. Siddartha university, Tumkur
PhDs / Projects Guided	Ph.D. Awarded: 05 (Five) Guiding: 05 (Five)	Projects at Master's Level: 10 Projects at Bachelor's Level: More than 50

6. Grants

i. Funds Received (Projects)-Applied to SERB,VGST and other central Government Schemes

ii. Patents -01

7. Awards Received

National Award	National Award winners "Rashtriya Ekta Samman-2013". The Award was presented to Dr. DV Ashoka, by Dr. Bhishma Narain Singh (Former Governor) in a Special function organized on the eve of 70th Birth Anniversary of Late Shri Rajiv Gandhi On 19th August, 2013 at India Habitat Center, New Delhi.
"Best Paper Award"	1. 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. 2. IEEE International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies (ICAECT 2021), 19 - 20, February 2021 | Bhilai, Chhattisgarh, India |
"Academic Excellence Award"	Excellent teacher award given by the RNSIT Management and students

8. Publications

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	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
2	Lo-Ra based covid patient health detecting system.	Majumder, D., Kumar, S. M., Ashoka, D. V., & Naragunam, A. S.	In AIP Conference Proceedings (Vol. 2523, No. 1).	2023	Scopus	0.189	AIP Publishing.
3	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
4	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
5	SUCCEEDING PROGRESS AND THE ARTIFICIAL CYBERSPACE'S FUTURE IN BLOCKCHAIN	D V Ashoka Basamma Umesh Patil	Neuro Quantology	20 (9), 2022	Scopus	0.2	Neuro Quantology

6	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
7	Machine Learning-Based Simplified Early Link 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
8	IMLAPC: Interfused Machine Learning Approach for Prediction of Crops.	Chetan R, Ashoka, D. V., & BV, Ajay. Prakash. (2022).	Revue d'Intelligence Artificielle,	36(1). 2022	Scopus	1.94	IIETA
9	SERVICE LEVEL AGREEMENT AWARE 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
10	OPTIMIZATION OF 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
11	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
12	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.

13	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
14	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
15	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 Issue 1 Pages 51-66 2021	WoS	1.449	Technical University of Sofia
16	Content Modelling Intelligence System Based on Automatic Text Summarization	Dr.DV Ashoka Sanjan S Malagi, Rachana Radhakrishnan, Monisha R, Keerthana S	international Journal of Advanced Networking and Applications	Volume 11 Issue 6 Pages 4458-4467 2020	-	3.462	Eswar Publications
17	PredictingAlert Source Device using Machine Learning Algorithms	D. V. Ashoka Bharath M. B	International Journal of Innovative Technology and Exploring Engineering	Volume 9 Issue 9 Pages 1-10 2020	Scopus	1.0	Blue Eyes Intelligence Engineering & Sciences Publication
18	An Overview of Automatic Text Summarization Techniques	KeerthanaS Dr. DV Ashoka, Sanjan S Malagi, Rachana Radhakrishnan, Monisha R	International Journal of Engineering Research & Technology	Volume 8 Pages 152-155 2020	-	-	IJERT
19	IoT Based Medicine Dispenser	Aditya Patil , DarshanB.G., Dr. D.V. Ashoka, Nethravathi	International Journal of Engineering Research & Technology	Volume 8 2020	-	-	IJERT

20	**BLEH: Bit-Less Extendible Hashing for DBMS and Hard Disk Drives**	**D V Ashoka, G M Sridevi Dr.Ramakrishna**	**International Journal of Innovative Technology and Exploring Engineering**	**Volume 9 Issue 2 Pages 2191-2197 2019**	**Scopus**	**1.0**	**Blue Eyes Intelligence Engineering & Sciences Publication**
21	**A low-cost and autonomous tracking device for 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**
22	**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**
23	**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**			
24	**Data Security Implementation Scheme on Cloud Environment,**	**Yashas BN, Nagaraja GS, Ashoka DV,**	**Journal of Web Development and Web Designing,**	**Volume 4, Year 2019, Pages 18-22**	**-**	**-**	**MAT Journals**
25	**AAAS-Framework in Large Virtualized Environment, , Volume 12,**	**DV Ashoka, MB Bharath**	**Indian Journal of Science and Technology**	**Volume12 Issue 4 Year 2019, Pages 1--8**	**WoS**	**is 0.600**	**Indian Society for Education and Environment & Informatics Publishing Limited**
26	**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**
27	**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**	**-**	**-**	**IJIRCE**
28	**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**	**-**	**-**	**IJIRCE**
29	**A Survey on the Small Data**	**Dr. D.V.Ashoka Ramu Sangeetha**	**international Journal of Computer Sciences & Engineering**	**Volume4 Issue3 Pages 197-201 2016**	**-**	**-**	**IJCSE**
30	**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**
31	**"IGP: Inter-operable Gateway Protocol for Routing in**	**Rekha B, D.V. Ashoka,**	**International Journal of Innovative Research in Computer and**	**Volume 4, Pages 1966— 1973 Year 2016,**	**-**	**-**	**IJIRCCE**

	Heterogeneous Mobile Ad-hoc Networks"		**Communication Engineering,**				
32	**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**
33	**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**
34	**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**
35	**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**	**-**	**-**	**IJARCCE**
35	**'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**
36	**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**
37	**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**
38	**Path Authentication in Heterogeneous**	**Dr. DV Ashoka, Rekha B,**	**International Journal of Engineering and Technical**	**Volume 3, Year 2015, Pages 122—126**	**-**	**-**	**IJETR**

	MANET using Extended Route Authentication Protocol (ERAP),		**Research**				
39	**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**
40	**Intelligent data gathering in distributed wireless sensor environment - A Real Scenario,**	**Bhat geethalaxmi, Dr DV Ashoka,**	**International Journal of Scientific and Engineering Research**	**Volume5 Issue2 ISSN 2229-5518, Volume 5, Year 2014**	**-**	**-**	**IJSER**
41	**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, Issue9 Year 2014, Pages 38--43**	**-**	**-**	**IJERD**
42	**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**
43	**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**	**-**	**-**	
44	**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**
45	**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**
46	**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**
47	**An Enhanced Inter-Domain Communication among MANETs through selected**	**Rekha, B and Ashoka, DV,**	**International Journal on Recent Trends in Engineering \& Technology**	**Volume 9, Issue 1 Year 2013, Pages 6**	**-**	**-**	**ACEEE**

	Gateways, ,						
48	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
49	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 Author(s)	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 the Journal	Volume No. Issue No. Year	WOS / Scopus	Impact Factor	Publisher
1	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.1273-1280 2021	Scopus	-	Springer Nature Switzerland AG
2	A Framework for Enhancing the Agriculture yield using Cloud Clusters,	Dr.DV Ashoka,CB Abhilash, Bharath MB,	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
3	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
4	Exploration of	B.V. Ajay	International	Volume 2,	-	-	inderscience

	neural network models for defect detection and classification	Praskash; D.V. Ashoka C. Naveena; V.N. Manjunath Aradhya;	Journal of Convergence Computing	Issue 3-4 March-2018			
5	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
6	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
7	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	Volume50, Pages 281-290 Year 2016,	Scopus		Springer, Cham
8	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
9	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
10	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
11	"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
12	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
13	Inter-Domain Routing and	Dr. DV Ashoka,	National Conference	Year 2014	-	-	RACE-14

	Security in MANETs: A Survey,	**Rekha B,**	**On Recent Advancements in Computer Engineering RACE**				
14	**Machine Migration: Using Storage Array Remote Replication,**	**Dr. DV Ashoka, Bharath MB**	**National Conference On Recent Advancements in Computer Engineering RACE**	**Year 2014**	**-**	**-**	**RACE-14**
15	**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**
16	**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**
17	**Challenges in Evaluating the Virtual platform, ,**	**Dr. DV Ashoka, Bharath MB**	**6th AISE-2013 National conference proceedings,**	**year 2013, Pages 61-66**	**-**	**-**	
18	**Comparison of MAC layer Protocols for WSN,**	**Dr. DV Ashoka, Bhat Geetalaxmi Jayaram,**	**International Conference on Evolutionary Trends in Information Technology,**	**Year 2012**	**-**	**-**	
19	**Performace 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**	**-**	**-**	
20	**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),**
21	**Data Mining Based Network Intrusion Detection System: A Database Centric Approach**	**D.V. Ashoka, Chethan. R,**	**International conference on computer communication and informatics" ICCCI-SIET, Coimbatore, Tamil Nadu,**	**Year 2012, Pages 1--6**	**Scopus**	**-**	**IEEE explorer**
22	**Data mining based network intrusion detection**	**Dr.DV Ashoka, Dr. KSG**	**International Conference on Computer Communication**	**Volume, 2 Year 2012**	**-**	**-**	**Pentagon research**

	system: A database centric approach,		and Informatics, ICCCI 2012,				
23	"New Model of Operating System Virtualization using both Process Containment and Full Hardware emulation",	Dr. DV Ashoka, Bharath MB,	ICFoCS Atria Institute of Technology Bangalore	Year 2011	-	-	IFFoCS
24	"Decision-Making Based On Situation At Machine-Building Organizations Using Knowledge Management",	Ashoka, DV, Dr.KSG	NCAME, DBIT year 2009, Pages 176-184		-	-	NCAME
25	"The Application of Knowledge Management in Requirement Engineering ',	Ashoka, DV, Dr.KSG, BMB,	IEEE IACC 2009,	Year 2009, Pages 2309-2313	-	-	IEEE explorer
26	Information and Knowledge Management for Global Access: In an Academic Library Scenario,	Ashoka, DV, Dr.KSG, Puttaswamy	TEQUIP Sponsored 02 Day National Seminar "In Search Of Information Power-Future,	year 2008, Pages 8-13	-	-	
27	. "The Role of Knowledge in Requirements Management Metrics: A Review,	Ashoka, DV, Dr.KSG,	National Conference Tech Sympo 08,	year 2008,	-	-	NCTS
28	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
29	"Overview of Data Mining and Data Warehousing in Intrusion Detection System",	Ashoka, DV, Dr.KSG,	NCNGN2007 BNMTT, Bangalore	year 2007	-	-	NCNGN2007
30	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	-	-	-
31	Business & Technological Overview of Data Mining and Data Warehousing	Ashoka, DV, Dr.KSG	Magnum Opus,	year 2007	-	-	-

	Technique Applied for Organizational Decision Making Using KMS,						
32	**"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**	**-**	**-**	**-**
33	**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**	**-**	**-**	**3-7th January 2007**
34	**"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**
35	**Knowledge and Information Resource Management in Software Engineering Environments**		**International Conference on Frontier Technologies-need for the industry, Business and Education**	**2006**	**-**	**-**	**6-8 September 2006**
36	**Pervasive Computing**	**Ashoka, DV, Dr.KSG,**	**National Level Conference on Emerging Technologies and applications ETA-2005 Department of CSE Saurashtra University, Rajkot**	**2005**		**-**	**ETA**
37	**"Data warehousing on the Web".**	**Ashoka, DV, Dr.KSG**	**"Emerging Trends in Computer Communication and Networks,**	**Year 2006**	**-**	**-**	**ETCCN**
38	**"Genetic Algorithms for Data Mining",**	**Ashoka, DV, Dr.KSG,**	**5th National Level Biological Congress On "Biotechnology: A Global Perspective,**	**year 2006**	**-**	**-**	**-**

iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	Trends and opportunities in consultancy and management	CDC, BIT Bangalore	23-27th November 2020
2	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.
3	Recent Trends in Information Technology,	Jointly organized by the ISTE and department of ISE, BIT Bangalore.	2nd June to 6th June 2020
4	”ENTREPRENEURSHIP FOR ENGINEERS”	Presented by Er. K. K. Prasanna, GM & Head design initiative, EDRC, B&F IC, 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), Bengaluruon	05/10/2020
5	Group Activity Detection & Recognition in Persistent Surveillance systems”	Organized by Department of Information Science and Engineering, VVCE, Mysuru	On 22nd July 2020.
6	“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
7	2 Days National Conference on Entrepreneurship- AWAKEN THE ENTREPRENEUR IN YOU	SkillSlate & Zovy Studios	26th and 27th September 2020
8	"Technology Driven Logistics and Supply Chain during COVID-19"	conducted by IEEE India Council,	19th May 2020
9	Faculty Development "Emerging Technical Aspects Of Current Learning Needs For Faculty".	Amity School of Engineering and Technology, Kolkata"	22nd-25th of June and on 27th of June 2020
10	5 Day National Conference on Examination Transformation (NEXT 2020)	organized by SkillSlate and CoE India in association with MIT World Peace Universtiy, RR Institute of Applied Sciences & Zovy Studios, Pune	10th August to 14th August 2020
11	“A New Era of Data Science”	Department of Computer Science and Engineering Raja Rajeswari College of Engineering, Bangalore	26th May 2020.
12	"BLOCKCHAIN"	organized by Dept. of CSE, Cambridge Institute of Technology,	17th June 2020
13	Recent Trends in Information Technology,	jointly organized by the ISTE and department of ISE, BIT Bangalore	2nd June to 6th June 2020
14	“Intellectual Property Right’s Patent filing	organized by the Department	on 15 June 2020

	Procedure"	of Mechanical Engineering, Shetty Institute of Technology, Kalaburagi	
15	Introduction to ReactJS"	Organized by Department of Computer Science and Engineering, SJB Institute of Technology	on 23rd May 2020,
16	"Strategy for Enhancing Article Citation and H-Index"	Organized by Department of Mechanical Engineering, ACS College of Engineering, Bengaluru.	11th May 2020
17	2-Day FDP on "Saksham-Microsoft Azure & Cognitive Services",	JSSATE, Bangalore	28/9/2018 to 29/9/2018
18	FDP on "Computational Data Science"	organized by the Department ISE, JSSATE Bangalore,	16th to 21st January 2017
19	"Emerging Technologies" organized by Visvesvaraya Technological University,	VTU Regional office, Bangalore,	26th September 2016
20	FDP on "Cloud Computing" organized by Visvesvaraya Technological University,	VTU Regional office, Bangalore,	6th December 2015.
21	workshop on "Accreditation Process for Technical Institutions	organized by JSSATE, Bangalore in association with Visvesvaraya Technological University,	26th & 27th August 2016.
22	awareness program on Plagiarism & Process adopted at VTU for PhD,	SJBIT, Bangalore	July 25th 2015
23	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
24	Faculty Training Program	Held by Accenture under the aegis of the Nasscom IT workforce Development, Bangalore,	on 23th –24th of April 2007.
25	Faculty Training Program on Open Solaris.	held by Sun Microsystem, Bangalore,	2007
26	"Essential of functional Testing with IBM Rational Robot".	conducted by IBM software, Bangalore	on 26th –28th of June 2006
27	Faculty Training Program	Held by Accenture under the aegis of the Nasscom IT workforce Development, Bangalore,	On 26th –27th of September 2006.
28	Workshop on "Data warehousing and its application"	Organized by Department of MCA, PES Institute of Technology, Bangalore	On 13th of May 2006.
29	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.
30	Five days FDP on "Teaching Entrepreneurship at Graduate level"	Organized by Visvesvaraya Technological University, Belgaum,	Between 18th to 22nd April 2005.

v. Workshops / Conference (Organized)

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role
1	National Conference On "Advancements In Information Technology" NCAIT	Department of Information Science and Engineering, JSSATE, Bangalore	Every year Starting from 2014	Convener/Organizer/coordinator/session chair
2	National Conference On Recent Advancements in	Department of Computer Science and Engineering, JSSATE, Bangalore	4th and 5th September 2014	Convener

	Computer Engineering-RACE-2014			
3	**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**
4	**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 SJB Institute of Technology (SJBIT), Kengeri, Bangalore -60**	**26th July 2010 to 30th July 2010**	**Convener**
5	**Elysia 2011**	**Department of Information Science & Engineering and in association with Indian Society of Technical Education (ISTE) at SJB Institute of Technology (SJBIT), Kengeri, Bangalore -60**	**April 2011**	**Organizing Secretary**
6	**National program TATVA-09**	**Department of Information Science & Engineering BNMIT, Bangalore**	**2009**	**Convener**
7	**FDP on Soft Computing**	**Department of Information Science & Engineering BNMIT, Bangalore**	**2009**	**Convener**
8	**FDP on software Testing**	**Department of Information Science & Engineering and MCA RNSIT, Bangalore**	**2008**	**Convener**

vi. 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 Cyber Security	conducted by the department of CSE in association with Computer Society of India, PSG Institute of Technology, Coimbatore	18th-20th July 2020
5	Advances in Computer Science and Engineering	Sponsored by CENSA and ISTE at EWIT, Bangalore	29th and 30th 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	15th ISTE Karnataka State Faculty Convention	EWIT, Bangalore	7-8th 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,	nitte	year 2008,
	Faculty Training Program	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	8th and 9th September 2006
18	International Conference on Frontier Technologies Need for the Industry Business & Education	ACE, Hosur-ISTE sponsored	6th 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 23rd and 24th, 2007

9. 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%

10. **Membership of Professional Bodies:**

1. Life Membership in Indian Society for Technical Education (MISTE)
2. FELLO of IEI The Institution of Engineers (India)
3. International Association of Engineers (MIAENG)
4. Senior Member of International Association of Computer Science and Information Technology- IACSIT

11. **Any other information you will like to share about your professional experience ;**

- **Orcid Id: https://orcid.org/0000-0003-1326-2387**
- **Vidwan: https://jssateb.irins.org/profile/98715**
- **Scopus Id: https://www.scopus.com/authid/detail.uri?authorId=55120808300**
- **Publon:https://publons.com/researcher/1591411/dr-dv-ashoka/**
- **Google Scholar Id: https://scholar.google.com/citations?user=CRxE-IoAAAAJ&hl=en**

- **Worked as Professor and Head, Department of CSE/ISE in various reputed Engineering colleges of Karnataka, India**
- **Member Board of Studies, Board of Examiner, Local Inspection Committee member of various universities in India.**
- **Editorial Board member, Review committee member of Various National and International Journals.**
- **Member -Technical Program committees/session Chair/organizing committee member for various National and International conferences.**

Dr. DV Ashoka
Professor (ISE) and Former Dean (Research)
JSS Academy of Technical Education
Bangalore 560060