



B.V.V.Sangha's
BASAVESHWAR ENGINEERING COLLEGE, BAGALKOTE
(An Autonomous Institute, Affiliated to Visvesvaraya Technological University, Belagavi)
Karnataka State, India

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Consolidated statement of Research Publications

Name of the Department: **Information Science and Engineering**

Publication Details

Sl. No.	No. of Publications	Year									
		2018-19		2019-20		2020-21		2021-22		2022-23	
		International	National	International	National	International	National	International	National	International	National
01	Books/Book Chapters	-	-	-	-	02	-	--	-	-	-
02	Journals	5	-	5	-	6	-	17	-	5	-
03	Conference	2	-	10	-	4	-	4	-	5	-
04	Patents	-	-	-	01	-	-	-	03	-	01
Total		7	-	15	01	12	-	21	03	10	-



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Research Publications
(Academic Year 2018-19)

1. Journal Papers :												
Sl.No.	Authors	Year of Publication	Title of the Paper	Title of the Journal & Publisher	Vol. No. & Issue No.	Page No.	URL / DOI	Scopus Indexed (Y/N)	Web of Science (Y/N)	ISSN/ ISBN	International/ National	No of Citation
01	Lokesh B. Bhajantri	2018	A Comprehensive Survey on Data Aggregation in Wireless Sensor Networks	International Journal of Computer Sciences and Engineering & ISROSET	6 & 7	817-822	https://www.ijcseonline.org/full_paper_view.php?paper_id=2514 DOI:10.26438/ijcse/v6i7.798802	N	N	2347-2693	International	6
02	Lokesh B. Bhajantri, Vasudha.A	2018	Cognitive Agent Based Data Synchronization in Ubiquitous Networks: A Survey	International Journal of Advanced Pervasive and Ubiquitous Computing & IGI Global	10 & 2	1-17	DOI: 10.4018/IJAPU.C.2018040101	N	N	1937-9668	International	2
03	Lokesh B. Bhajantri, Prashant M. Balarugi	2019	A Survey on Data Perception in Cognitive Internet of Things	Journal of Telecommunications and Information Technology & National Institute of Telecommunications, Poland	3	75-86	https://doi.org/10.26636/jtit.2019.131419	Y	N	1899-8852	International	3
04	Mahantesh M. Ganganallimath; Roopa B. Math; Vijaykumar Hiremath	2019	Role of human anthropometry in manufacturing process optimisation	International Journal of Business and Systems Research, Inderscience Enterprises Ltd,	13 & 2	214-225.	https://doi.org/10.1504/IJBSR.2019.098658	Y	N	1751-2018	International	1



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05	Mahantesh M. Ganganallimath; Suraj Dhondiram Patil; E.V. Gijo; Roopa B. Math; Vijaykumar Hiremath	2019	Application of Taguchi based Six Sigma method to reduce defects in green sand casting process: a case study	International Journal of Business and Systems Research, Inderscience Enterprises Ltd,	13 & 2	226 – 246	https://www.10.1504/IJBSR.2019.098666 https://DOI.org/10.1504/IJBSR.2019.098666	Y	N	1751- 2018	International	6
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1. Conference Publications :												
SL.N o.	Authors	Year of Publicati on	Title of the Paper	Title of the Conference	Conduct ed by and Venue	Vol. No. & Page No.	URL / DOI	Scopus Indexed (Y/N)	Web of Science (Y/N)	ISSN/ ISBN	International/ National	No of Citation
01	Lokesh B. Bhajantri, Tabassum M. Mujawar	2019	Trust Computation Framework based on User Behavior and Recommendation in Cloud Computing	IEEE International Conference on Advanced Computing and Communication Systems,	Sri Eshwar College of Engineer ing and Coimbat ore, India	1-6	https://ieeexplore.ieee.org/abstract/document/8728484 DOI:10.1109/ICACC S.2019.8728484	Y	N	978-1- 5386- 9533-3	International	----
02	Rajesh I.S., Bharathi M.A., Reshmi B.M.	2018	A Comprehensive Review on Automatic Diagnosis of Diabetic Maculopathy in Retinal Fundus Images.	4th International Symposium SIRS 2018, Springer Publications	Bangalore	410-420	https://link.springer.com/chapter/10.1007/978-981-13-5758-9_35 DOI:10.1007/978- 981-13-5758-9_35	Y	N	978- 981- 13- 5757-2	International	7



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(Academic Year 2019-20)

1. Journal Papers :												
Sl. No	Authors	Year of Publication	Title of the Paper	Title of the Journal & Publisher	Vol. No. & Issue No.	Page No.	URL / DOI	Scopus Indexed (Y/N)	Web of Science (Y/N)	ISSN / ISBN	International / National	No of Citation
01	Lokesh B. Bhajantri, Tabassu N. Mujawar	2019	A Comprehensive Review of Access Control Mechanism based on Attribute Based Encryption Scheme for Cloud Computing	International Journal of Advanced Pervasive and Ubiquitous Computing & IGI Global	11 & 3	33-52	https://www.igi-global.com/article/a-comprehensive-review-of-access-control-mechanism-based-on-attribute-based-encryption-scheme-for-cloud-computing/233558 DOI: 10.4018/IJAPU.C.2019070103	Y	N	1937-9668	International	1
2	Pavan N. Kunchur Sadhana P. Bangarashetti	2020	Laplacian based Image Mosaicing	International Journal of Engineering and Advanced Technology	09 & 04	791-794	DOI:10.35940/ijeat.D7644.049420	Y	N	2249-8958	International	----
3	Pavan N. Kunchur Sadhana P. Bangarashetti	2020	Image Registration with Conditional Adversarial Networks	International Journal of Innovative Technology and Exploring Engineering	09 & 06	278-281	DOI:10.35940/ijitee.E2901.049620	Y	N	2278-3075	International	----



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04	Rajesh I S, Bharathi Malakreddy A, Bharati M Reshmi	2020	A review on automatic identification of fovea in retinal fundus images	International Journal of Medical Engineering and Informatics	12 & 2	169 – 179	https://www.inderscience.com/info/inarticle.php?artid=106900 https://DOI.org/10.1504/IJMEI.2020.106900	Y	N	1755-0661	International	1
05	Sandeep N. Kugali and Sneha Kadadevar	2020	Vehicular ADHOC Network (VANET):-A Brief Knowledge	”, International Journal of Engineering Research & Technology (IJERT	9 & 6	1026 - 1029	DOI:10.17577/IJERTV9IS060784	N	N	2278-0181	International	6



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Sl.No.	Authors	Year of Publication	Title of the Paper	Title of the Conference	Conducted by and Venue	Page No.	URL / DOI	Scopus Indexed (Y/N)	Web of Science (Y/N)	ISSN	International/ National	No of Citation
01	Lokesh B. Bhajantri, Tabassum M. Mujawar	2019	A survey of Cloud Computing Security Challenges, Issues and their Countermeasures	3rd International conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC 2019)	SCAD Institute of Technology, Palladam, India	1-6	https://ieeexplore.ieee.org/document/9032545 DOI:10.1109/I-SMAC47947.2019.9032545	Y	N	978-1-7281-4365-1	International	11
02	Lokesh B. Bhajantri, Basavaraj G. Kumbar	2020	Cluster Based Data Aggregation in Distributed Sensor Networks: A Bayesian Classifier Approach	International Conference on Evolutionary Computing and Mobile Sustainable Networks	Sir. M. Visvesvaraya Institute of Technology, Bangalore	971-980	https://www.springerprofessional.de/en/cluster-based-data-aggregation-in-wireless-sensor-networks-a-bay/18238886 DOI: 10.1007/978-981-15-5258-8_89	Y	Y	2367-4512	International	3
03	Pavan Kunchur, Sadhana Bangarashetti	2019	A Framework for image selection for image fusion using crowd sourced data	2019 1st International Conference on Advances in Information Technology (ICAIT)	AIT, Chikmagalur, India	167-173	https://ieeexplore.ieee.org/abstract/document/8987348 DOI:10.1109/ICAIT47043.2019.8987348	Y	N	978-1-7281-3241-9	International	----
04	Sadhana P	2020	Image Mosaicing	2020 IEEE International	Bengaluru	130-136	https://ieeexplore.ieee.org/abstract/document/9032545	Y	N	978-1-	International	----



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	Bangarashetti, Pavan Narayan Kunchur		Using Homography Estimation	Conference for Innovation in Technology (INOCON)	u		.org/abstract/docume nt/9298448 DOI:10.1109/ICAIT4 7043.2019.8987348			7281- 9744-9		
05	S. P. Bangarshetti, Pavan N. Kunchur	2020	All in One Card: A Knowledgeable Tool	IEEE Third International Conference on "Multimedia Processing, Communications and Information Technology" - MPCIT 2020	Shivamo gga	1-6	https://www.doi.org/10 .37314/IJEM.2021.05 0102	Y	N	2582- 0079	International	----
06	Pavan N. Kunchur, S. P. Bangarashetti	2020	Blockchain Technology in Healthcare	IEEE Third International Conference on "Multimedia Processing, Communications and Information Technology" - MPCIT 2020	Shivamo gga	15-23	https://www.doi.org/10 .37314/IJEM.2021.05 0103	Y	N	2582- 0079	International	----
07	Pavan Kunchanur, Sadhana Bangarashetti	2020	IOT BASED VEHICLE HEALTH MONITORING SYSTEM	Eleventh International Conference on Advances in Computer Science	Hydraba d	191-196	https://thegrenze.com /index.php?display=p age&view=journaldet ails&id=8	Y	N	2395- 5295	International	-----
08	Shoba R Patil, Savitri Patil	2019	Enhancement of feature extraction in image quality	Third International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC 2019) SCAD Institute of Technology, TN, India.	Institute of Technolo gy, TN, India	490-495	https://ieeexplore.ieee .org/document/90326 96 DOI:10.1109/I- SMAC47947.2019.9 032696	Y	N	978-1- 7281- 4365-1	International	1
09	Shoba R Patil, Veena ,I Patil	2020	Detection of Nuclei in Cell	4th International Conference on Trends in Electronics and	SCAD College	880-885	https://ieeexplore.ieee .org/document/91429	Y	N	978-1- 7281-	International	1



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			Histopathological Images of Uterine Cancer: Adenocarcinoma of Endometrial	Informatics	of Engineering and Technology Cheranmahadevi, Tirunelveli, Tamilnadu, India.		25 DOI: 10.1109/ICOEI48184.2020.9142925			5518-0		
10	G G Rajput, Bharati M R, Rajesh I S	2020	Automatic detection and grading of diabetic maculopathy using fundus images	International Conference on Computational Intelligence and Data Science (ICCIDS 2019) Elsevier preceedia	The NorthCap University, Gurugram	57-66	https://www.sciencedirect.com/science/article/pii/S1877050920306475 https://DOI.org/10.1016/j.procs.2020.03.182	Y	N	1877-0509	International	5



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b. List of Patents Applied :					
Sl. No.	Faculty members	Title	Application No.,	Ref. and Date	Status (Applied/Published/Awarded)
1.	Dr. Lokesh B. Bhajantri	A Wearable Safety System for Real Time Human Emergency	202041023818A	20-06-2020	Published



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Research Publications
(Academic Year 2020-21)

1. Journal Papers :												
Sl. No.	Authors	Year of Publication	Title of the Paper	Title of the Journal & Publisher	Vol. No. & Issue No.	Page No.	URL / DOI	Scopus Indexed (Y/N)	Web of Science (Y/N)	ISSN	International/ National	No of Citation
01	Lokesh B. Bhajantri, Prashant M. Balarugi	2020	Context Aware Data Perception in Cognitive Internet of Things: Cognitive Agent Approach	International Journal of Hyper connectivity and the Internet of Things (IJHIoT)	4 & 2	1-18	DOI: 10.4018/IJHIoT.2020070101	ACM DBLP	N	2473-4365	International	3
02	Lokesh B. Bhajantri, Gangadharaiah S.	2020	A Comprehensive Survey on Resource Management in Internet of Things	Journal of Telecommunications and Information Technology,	4	27-43	https://DOI.org/10.26636/jtit.2020.145220	Y	N	1899-8852	International	10
03	Lokesh B. Bhajantri, Tabassum. Mujawar	2020	Behavior and Feedback based Trust Computation framework for Cloud Computing	Journal of King Saud University - Computer and Information Sciences,	12 & 3	1-16	https://www.sciencedirect.com/science/article/pii/S1319157820305796 https://DOI.org/10.1016/j.jksuci.2020.12.003	Y	Y	1319-1578	International	12
04	Pavan N Kunchur, Sadhana P Bangarashetti	2020	Image Fusion Using Pulse Coupled Network	Asian Journal For Convergence in Technology (AJCT)	6 & 3	10-15	http://www.asianssr.org/index.php/ajct/article/view/966 https://doi.org/10.33130/AJCT.2020v06i03.003	N	N	2350-1146	International	----



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05	Kishor Parvatikar, Prathiksha Chetana , Bhagyawant Biradar, Vidyashri Mudagal , Dr. S. R. Patil	2020	A Review on 100- point Activity	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT	8 & 4	47-50	DOI: XX.082020/IJ ARSCT	N	N	2581- 9429	International	
06	Bharati M Reshmi, Rajesh I S, Bharathi Malakreddy	2021	A Novel Method for Automatic Identification of Fovea Location and Its Center in Color Retinal Fundus Images	International Journal of Medical Engineering and Informatics	13 & 2	103-110	https://www.inderscience.com/info/ingeneral/forthcoming.php?jcode=ijmei DOI.org/10.1504/IJMEI. 2021.113390	Y	N	1755- 0661	International	1



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2. Books/ Book Chapters :												
Sl. No.	Authors	Year of Publication	Title of the Chapter	Title of the Book	Vol. No. & Issue No.	Page No.	URL / DOI	Scopus Indexed (Y/N)	Web of Science (Y/N)	ISSN	International/ National	No of Citation
01	Lokesh B. Bhajantri, Tabassum. Mujawar	2021	A Comprehensive Review of Access Control Mechanism based on Attribute Based Encryption Scheme for Cloud Computing	Research Anthology on Artificial Intelligence Applications in Security, IGI Global Publisher	4	899-921	https://www.igi-global.com/book/research-anthology-artificial-intelligence-applications/265222 DOI: 10.4018/IJAPUC.2019070103	N	N	9781799877059	International	1
02	Lokesh B. Bhajantri, Tabassum. Mujawar	2021	A Model for Evaluating Trustworthiness Using Behaviour and Recommendation in Cloud Computing Integrated with Wireless Sensor Networks	Machine Learning and Deep Learning Techniques in Wireless and Mobile Networking Systems, CRC Press	---	1- 22	https://doi.org/10.1201/9781003107477	Y	N	9781003107477	International	---



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01	Lokesh B. Bhajantri, Ramesh M. Kagalkar	2020	A Comprehensive Survey: Towards Providing Personal Safety Services in Emergency Situations	International Conference on Emerging Technologies in Data Mining and Information Security (Springer)	Institute of Engineering and Management, Kolkata,	661-670	https://link.springer.com/chapter/10.1007/978-981-15-9774-9_61 DOI: 10.1007/978-981-15-9774-9_61	Y	Y	978-981-15-9774-9	International	2
02	Lokesh B. Bhajantri, Ramesh M. Kagalkar	2020	Internet of Things Based Smart Ring System for Human Safety Services during Emergency Situations	International Conference on Computer Networks and Inventive Communication Technologies (ICCNCT - 2020), (Springer)	Organized by RVS Technical Campus, Coimbatore	1127-1146	https://link.springer.com/chapter/10.1007/978-981-15-9647-6_90#:~:text=There%20is%20no%20technology%20for,in%20real%20time%20human%20emergencies.&text=The%20proposed%20IoT%2Dbased%20smart,health%20issues%2C%20and%20so%20on. DOI:10.1007/978-981-15-9647-6_90	Y	Y	978-981-15-9647-6	International	----
03	Mr. Pavan Kunchur Dr(Mrs).Sadhana Banagarashetti	2021	Secured Cloud Storage System Using Auto Passkey Generation	International Conference on Deep Learning, Computing and Intelligence - 2021	SRM University	19-31	https://link.springer.com/chapter/10.1007/978-981-16-5652-1_2 DOI: 10.1007/978-981-16-5652-1_2	Y	N	2194-5357	International	-----



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04	Pavan N Kunchur,SadhanaBan garashetti	2021	Detection & Classification of Electronic Nose System	2021 5th International Conference on Intelligent Computing and Control Systems (ICICCS)	IEEE,Bengaluru	1-4	https://ieeexplore.ieee.org/abstract/document/9432248 DOI: 10.1109/ICICCS51141.2021.9432248	Y	N	978-1-6654-1272-8	International	1
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(Academic Year 2021-22)

1. Journal Papers												
Sl. No.	Authors	Year of Publication	Title of the Paper	Title of the Journal & Publisher	Vol. No. & Issue No.	Page No.	URL / DOI	Scopus Indexed (Y/N)	Web of Science (Y/N)	ISSN/ ISBN	International / National	No of Citation
1	Sudha Ayatti , Gouri Khadabadi, S.P. Bangarshetti, Pavan N. Kunchur	2021	All in One Card: A Knowledgeable Tool	JNNCE Journal of Engineering & Management,	5 & 1	1-8	https://jjem.jnnce.ac.in https://www.DOI.org/10.37314/JJEM.2021.050102	N	N	2582-0079	International	----
2	Lokesh B. Bhajantri, Ramesh M. Kagalkar, Pundalik Ranjolekar	2021	“Convolutional Neural Network Model Based Human Wearable Smart Ring System: Agent Approach”,	International Journal of Electronics and Telecommunications, Polish Academy of Sciences	67 & 4	673-678	DOI:10.24425/ijet.2021.137861	Y	Y	2300-1933	International	1
3	Vidya S. Bennur, Ashok V. Sutagundar, Lokesh B. Bhajantri	2022	Agent based Localization using Mobile Sink in Wireless Sensor Networks	International Journal of Sensors Wireless Communications and Control,	2 & 4	1-17	https://www.eurekaselect.com/article/122299 https://DOI.org/10.2174/2210327912666220405154504	Y	N	2210-3287	International	----



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4	Savitri Patil, Shobha R. Patil	2022	Image Filtering Techniques for Noise Removal-Review	Mukt Shabd Journal	11 & 6	894-898	https://app.box.com/s/kcrwhjgo1cqn6cyiu6ndhlo0vfvqc93s DOI:10.0014.MSJ.2022.V11I06.0086781.1135483	N	N	2347-3150	International	----
5	Veena patil & Dr. Shobha Patil	2022	An Empirical Survey on Uterine Cancer Tissue Classification using Histopathological Images	Tianjin Daxue/Journal of Tianjin University Science and Technology	5 & 1	391-404	https://oa.mg/work/10.55582/jtust.2022.55107 DOI:10.55582/jtust.2022.55107	Y	N	0493-2137	International	--
6	Dr. S. R. Patil Kishor Parvatikar, Prathiksha Chetana , Bhagyawant Biradar , Vidyashri Mudagal,	2022	An Implementation of self driving Car	Tianjin Daxue/Journal of Tianjin University Science and Technology	55 & 1	347-352	https://journal.socialblo t.in/2022/03/21/an-implementation-of-self-driving-car/ https://doi.org/10.55582/JTUST.2022.55103	Y	N	0493-2137	International	--
7	Dr. S. R. Patil Kishor Parvatikar, Prathiksha Chetana , Bhagyawant Biradar , Vidyashri Mudagal,	2022	A Review on Self Driving Cars	Tianjin Daxue/Journal of Tianjin University Science and Technology	55 & 1	326-334	https://journal.socialblo t.in/2022/03/06/a-review-on-self-driving-car/ DOI:10.17605/OSF.IO/68GF	Y	N	0493-2137	International	--
8	Vijayalaxmi S.Patil, Dr.Suvarna Nandyal	2022	Entropy Coding for H.264 Video Compression	International Journal of Scientific Research	11 & 1	42-45	DOI : 10.36106/ijsr	Y	N	2277 - 8179	International	--



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9	Pankaja Patil, Gouri Khadabadi, Sudha V Sulakhe, Pavan Kunchur, , Sadhana Bangarashetti, Pranav Mutalik	2021	IoT based Vehicle Health Monitoring System	Grenze International Journal of Engineering and Technology	7 & 1	191-196	http://thegrenze.com/index.php?display=page &view=journalabstract &absid=791&id=8 ID 01.GIJET.7.1.5 : 08_1	N	N	2395- 5295	International	--
10	Ranjana.Battur, Arundhati Nelli, Pavan Kunchur, Sadhana Bangarashetti, Nelson Lobo	2021	Sign Language Interpreter using Convolutional Neural Network	Grenze International Journal of Engineering and Technology	8 & 1	241-245	http://thegrenze.com/index.php?display=page &view=journalabstract &absid=1033&id=8 8.1.512_1	N	N	2395- 5295	International	--
11	Lokesh B. Bhajantri, Tabassum N. Mujawar	2022	An Attribute based Encryption Method using Outsourced Decryption and Hierarchical Access Structure	Journal of Information Technology and Telecommunication	4	75-81	https://doi.org/10.26636 /jtit.2022.158421	Y	N	1899- 8852	International	--
12	S.P. Bangarshetti, Bhaskar Patil, Shrinivas Joshi, Soumya R Shivasimpi Sagar	2022	Voice Assistant Automation system for appllation	International Journal of Advance Research, IDEAS and Innovations in Technology	8 & 4	209-215	https://www.ijariit.com	N	N	2454- 132X	International	
13	Sandeep Kugali Megha Navale,	2022	“Smart Devices and Technologies for	International Journal of Advance Research,	8 & 1	418-426	https://www.ijariit.com	N	N	2454- 132X	International	



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	Krutika Jiginni, Srushti Bali, Namrata Sonar		Athletes: A Survey	IDEAS and Innovations in Technology								
14	Parashuram Deshpande, Aishwarya K. C Arpita Palled, Akshata B Kallolli, Tallam Veena Varshni	2022	A survey Paper on Health Monitoring Application	International Journal of Advance Research, IDEAS and Innovations in Technology	8 & 3	237-244	https://www.ijariit.com	N	N	2454- 132X	International	
15	Parashuram Deshpande, Samanta Patil, Apoorva Kulkarni, Bhumika Ankad, Ashwini Asuti	2022	Monitoring Social Distancing	International Journal of Advance Research, IDEAS and Innovations in Technology	8 & 3	288-291	https://www.ijariit.com	N	N	2454- 132X	International	
16	Parashuram Deshpande, Vidya Kalmini, Shivani Sansuddi Sujata patil, Vidya Shinde	2022	E commerce System for Visually Challenged People	International Journal of Advance Research, IDEAS and Innovations in Technology	8 & 3	222-224	https://www.ijariit.com	N	N	2454- 132X	International	
17	Deepa Kalappanavar, Priya Rathod, Lavanya Kakanur, Sudha Gudagi, Ummihababa Gove	2022	Weather Reporting System using IoT-A review	International Research journal of Modernization in Engineering Technology and Science	4 & 8	1616- 1620	https://www.doi.org/10.56726/IRJMT29086	N	N	2582- 5802	International	



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2. Conference Publications:													
Sl. No.	Authors	Presented (Y/N) Date of Presentation	Published (Y/N)	Title of the Paper	Title of the Conference	Conducted by and Venue	Page No.	URL / DOI	Scopus Indexed (Y/N)	Web of Science (Y/N)	ISSN/ ISBN	International/ National	No of Citation
1	Lokesh B. Bhajantri, Vasudha V. Ayyanavar	Y	Y	Fault Analysis and Identification in Ubiquitous Networks using Cognitive Agents Approach	IEEE 2022 International Conference on Electronics and Renewable Systems (ICEARS)	Tuticorin, India.	713-719	https://ieeexplore.ieee.org/document/9751976 DOI: 10.1109/ICEARS53579.2022.9751976	Y	N	978-1-6654-8425-1	International	----
2	Lokesh B. Bhajantri, Tabassum M. Mujawar	Y	Y	Efficient Direct and Immediate User Revocable Attribute Based Encryption Scheme	5th International Conference on Intelligent Sustainable System (ICISS 2022)	SCAD College of Engineering and Technology Feb. 17-18 2022, Tirunelveli, India	517-529	https://link.springer.com/chapter/10.1007/978-981-19-2894-9_38 DOI: 10.1007/978-981-19-2894-9_38	Y	Y	2367-3389	International	----
3	Lokesh Bhajantri, Nikhil Kadadevar, Anup Jeeragal, Vinayak Jeeragal and Iranna Jamdar	Y	N	A Survey on Cognitive Internet of Things Based Prediction of Covid-19 Patient	Second International Conference on Sentimental Analysis and Deep Learning (ICSADL)	Department of Electronics and Computer Engineering,	377-387	https://link.springer.com/chapter/10.1007/978-981-19-5443-6_28 DOI: 10.1007/978-981-	Y	N		International	-----



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					2022)	Institute of Engineering, Tribhuvan University, Nepal.		19-5443-6_28					
4	Vijayalaxmi S.Patil, Dr.Suvarna Nandyal	Y	N	Intra Prediction in H.265.HEVC to improve the PSNR using Gradient Calculation	International Conference on Computational Intelligence, Data Science and Cloud Computing,	Institute of Engineering & Management, Kolkata, India	1-2	DOI: 10.1007/978-981-19-1657-1_36	Y	N		International	----



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3. List of Patents Applied :					
Sl. No.	Faculty members	Title	Application No.,	Ref. and Date	Status (Applied/Published/Awarded)
1.	Dr. Sadhana P. B.	Food Analysis Using Chemical Sensor	202241003611 & 21/01/2022	05/2022 & 04/02/2022	Published
2	Dr. Lokesh B. Bhajantri	An Application for Divyang to use Voice Mail	202241022232 A & 13/04/2022	17/2022 & 29/04/2022	Published
3	Dr. Lokesh B. Bhajantri	Internet of things based poultry management system	202241034718A	25/2022 &24/06/2022	Published



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4. Research Funds Applied/Sanctioned 1st Oct 2020 to 30th Sept 2021 :							
Sl. No .	Faculty members	Title	Sanctioning Authority	Scheme	Amount Applied/Sanctioned	Ref. No. & Date	Status (Applied/Sanctioned/ Ongoing/Completed
1.	Dr. Lokesh B. Bhajantri	Design and Development of Cognitive Internet of Things Architecture for HealthCare Systems	SERB, DST, Govt. of India	Empowerment and Equity Opportunities for Excellence in Science (EMEQ)	50,00,000.00	EEQ/2021/000447 July10, 2021.	Applied



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Research Publications
(Academic Year 2022-23)

1. Journal Papers												
Sl. No.	Authors	Year of Publication	Title of the Paper	Title of the Journal & Publisher	Vol. No. & Issue No.	Page No.	URL / DOI	Scopus Indexed (Y/N)	Web of Science (Y/N)	ISSN/ ISBN	International/ National	No of Citation
1	Lokesh B. Bhajantri, Tabassum N. Mujawar,	2022	The Trusted Hierarchical Access Structure-Based Encryption Scheme for Cloud Computing	International Journal of Cloud Applications and Computing, IGI Global,	12 & 1	1-17	https://www.igi-global.com/article/the-trusted-hierarchical-access-structure-based-encryption-sc33heme-for-cloud-computing/308273 DOI: 10.4018/IJCAC.308273	Y	N	2156-1834	International	-----
2	Dr. Shoba R. Pati, Aneesh Purohit, Prajwal Hiremath, Satish Kali, Vinayak Gotgunki.	2022	Intelligent Tourist Guide	International Journal of Innovate Research in Engineering	----	1-6	www.theijire.com	N	N		International	-----
3	Pooja B Mavinkai Pooja Ragi Sneha Patil Vidya A Murteli Sandeep N. Kugali	2023	A Survey on Vehicle Safety and Alert System	International Journal of Scientific Development and Research	8 & 3	213-221	www.ijedr.org	N	N	2455-2631	International	-----



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4	Sharik Sameera Maliksab Mulla Anjana P. Umarji Aishwarya B. Sangapur Saniha Hunur Parashuram K. Deshpande	2023	IoT Based Smart Object Detector: A Survey	International Journal of Science & Engineering Development Research	8 & 3		www.ijedr.org	N	N	2455- 2631	International	-----
5	Poonam N. Patil,Aishwarya R Kannalli,Prachi N Solankure, P. K. Deshpande		A Survey on Driver Drowsiness Detection System	International Journal of Science & Engineering Development Research	8 & 3		www.ijedr.org	N	N	2455- 2631	International	-----



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1	Lokesh B. Bhajantri, Vasudha V. Ayyanavar	Y	Y	Context Aware Data Synchronization in Ubiquitous Networks: Cognitive Agent Approach	Elsevier 4 th International Conference on Innovative Data Communication Technologies and Applications	Coimbatore, India, November 3 rd – 4 th 2022	176-181	https://www.sciencedirect.com/science/article/pii/S1877050922020919 https://DOI.org/10.1016/j.procs.2022.12.020	Y	Y	1877-0509		-----
2	Lokesh B. Bhajantri, Manjula A. Sutagundar, Nalini N.	Y	N	Agent based Context Aware System in Emergency Situations	IEEE NKCon-2022, IEEE North Karnataka Subsection Flagship International	November 20 th – 21 th 2022, BLDEA’s CET, Vijayapur, Karnataka, India	1-6	--	Y	--	—	International	



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					Conference								
3	Lokesh B. Bhajantri, A. V. Sutagundar, B. S. Halakarnimath, Nalini N.	Y	Y	A Novel approach of Topology Control in Underwater Sensor Networks	IEEE Mysurucon 2022, 2 nd Edition of Mysore Subsection Flagship International Conference	October 16 th – 17 th 2022, Mysuru, India.	1-5	https://ieeexplore.ieee.org/document/9972400 DOI: 10.1109/MysuruCon55714.2022.9972400	Y	-	978-1-6654-9790-9	International	---
4	Lokesh B. Bhajantri, Manjula A. Sutagundar, Piyush kumar Pareek	Y	N	Detection of Bone Fracture Using Image Processing Techniques	IEEE NKCon- 2022, IEEE North Karnataka Subsection Flagship International Conference	November 20 th – 21 th 2022, BLDEA's CET, Vijayapur, Karnataka, India.	1-5	DOI: 10.1109/IDAP.2017.8090311	Y	-	-	International	5
5	Vijayalaximy S. Patil	Y	Y	Video Enhancement Algorithm using Pre and Post- Processing for Compressed Videos	International Conference for Advancement in Technology	January 24 th to 26 th , RIT, IEE Bombay Section							



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Sl. No.	Faculty members	Title	Application No.,	Ref. and Date	Status (Applied/Published/Awarded)
1.	Dr. Sadhana P. B.	IoT with Artificial Intelligence based approach to designing control mechanisms for electrical groups that monitor operating parameters	202241042199 A & 22/07/2022	30/2022 &29/07/2022	Published