

RESUME

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Qualification : Ph.D-CSE, M.E. -CSE, B.E-CSE

Present Status : Professor

Sl. No	Degree	University/Institution/Board	Year of Passing	Class	Specialization
1	Ph. D	JNTU Hyderabad	2015	----	Data Mining
2	M.E	Walchand Engg college Sangali, Shivaji University, Kolhapur	2003	First class	Computer Science and Engineering
3	B.E	Karnatak University, Dharwad	1995	First class	Computer Science and Engineering

Teaching Experience:29 years

Sl. No.	Name of the employer	From	To	Years/months	Designation
1.	REC, Hulkoti	16-11-1995	17-09-1996	10 months	Lecturer
2.	BLSEng.College, Ambajogai, Maharastra	18-09-1996	09-11-1997	1 Year 2 months	Lecturer
3	K.L.E's College of Eng. & Tech., Belgaum	10-11-1997	23-10-2000	4 years.	Lecturer
4.	HiraSugar Rural Eng.College, Nidsoshi, Belgaum.	08-11-2001	30-09-2002	10 months	Sr. Lecturer
5.	B.V.BCollege of Eng. & Tech., Hubli	01-10-2002	30-01-2007	4 years 3 months.	Assistant Professor
6.	GMR Institute of Tech., RAJAM, Dist.-Srikakulam, Andhra Pradesh.	01-02-2007	30-05-2015	8.3 years	Associate Professor
7.	KLE Institute of Technology, Hubli	04-02-2016	Till date	Till date	Professor

RESEARCH PROFILE:

 **Research Areas:** Big Data Analytics, Distributed Databases, Computer Networks, Image Processing, Block Chain Technology, Cloud Computing

- My research work is in the area of Data Mining (Web Mining) i.e A Novel Hybrid Model for Web Pages Categorization, which has much research scope due to ever evolving corporate databases at manifold remote locations as a result of advancements in internet technologies, web services in particular.
- Published **77 papers and 5 papers** accepted and under process of publication. **Forty Nine** papers in **International Journals**, **Twenty three papers** in **International conferences** and **six in National conferences/seminars**.
- Published **4 Patents**.

GRANTS RECEIVED / SANCTIONED

TITLE OF THE PROJECT	FUNDING AGENCY	GRANT TYPE →Role	AMOUNT (Rs)	YEAR
Award for Outstanding Research Publication	VGST	Coordinator	0.25 L	2023-24
AI Based Arecanut grading system	MSME	MSME Womens Hackthon →Mentor	1500000	2023-24
Cloud based mining Diabetes Data for early Prognosis and Diagnosis in Disease Management	VTU	Research Grants Scheme →Principal Investigator	600000	2022-2024
Data Mining and Data Warehousing using Clementine Workbench	AICTE	MODROBS →Principal Investigator	500000	2009-2010/ Jan 2010
Helping Hand	GMR Varalakshmi Foundation	Social Volunteering Project →Coordinator	25000	2013-2014
Trends in Security Issues of Computer Networks and Web Mining	ISTE	STTP → Coordinator	100000	2014-2015

Status of PhD Research Scholars registered under VTU

<u>Sl. No</u>	<u>Name</u>	<u>Status/ Date</u>	<u>Research Title</u>
1	<u>Mr. Puneeth N. Thotad</u>	<u>PhD Awarded</u> on 11-October-2023	Mining Diabetes Data for Early Prognosis and Diagnosis in Disease Management
2	<u>Mrs. Malathi S.Y</u>	<u>PhD Awarded</u> on 16-January-2024	Early prognosis and diagnosis of Knee Osteoarthritis using Deep Learning Techniques
3	<u>Mrs. Sharada K. Shiragudikar</u>	<u>PhD Awarded</u> on 17-February-2024	Performance Evaluation of Deep Learning Techniques for Prediction of Salinity Tolerance in Rice at Early Seedling stages
4	Mrs. Sahana Bislapur	Open Seminar -2 Completed	Detection of Autism Spectrum Disorder using Data Mining Techniques
5	Ms. Rajeshwari Kisan	Comprehensive Viva Completed	A Good Trail to Avoid Cyber Attacks and Secure Cyber Operations
6	Mrs. Pankaja B. Patil	Comprehensive Viva Completed	AI Based Pulmonary Disease Detection and Quantification Using Radiological Modalities
8	Mrs. Jaya Pattanshetti	Comprehensive Viva Completed	Phenotyping of Chalkiness in rice using deep learning approach
9	Mrs. Vijeetha Patil	Comprehensive Viva Completed	Characterization and prediction of rice quality using machine learning approaches
	Ms. Gouri Khadabadi	Course Work in Progress	Prediction and Identification of diseases for Chilli Crop Using Machine Learning Techniques

PUBLICATIONS:

Patents published/ filed:

1. Published a **Patent** titled “Santhulan: A device for Car safety” on 18/Dec/2020 bearing application number:202041053586A
2. Published a **Patent** titled “SOLAR PV POWER INTEGRATED SMART GRID BASED ENERGY MANAGEMENT SYSTEM” on 21-April-2021 bearing application number 2021101174
3. Published a **Patent** titled “A System and the Method for Secured Data Storage Classification for Agent-based Mobile Cloud” on 18-March-2021 bearing application number 2021101398
4. Published a **Patent** titled “Artificial Intelligence Based Smart Detection of Lung Disease from Chest X-ray on 3-May-2021 bearing application number 2021101174
5. Published a **Patent** titled “GPS-BASED TRACKING AND REAL-TIME ALERT MESSAGING SYSTEM FOR SERVICE “ on 23-Dec-2022 bearing application number 202241068198 A
6. Copyright & Patent Filing Under Process: Predicting Life Span of Civil Structures.

International Journals

1. Vijeeta Patil, Geeta R Bharamagoudar, Shashikumar G Totad, “Towards food safety: Identifying fake rice using SVM and contour analysis”, Applied Food Research, Volume 6, Issue 1, 2026, 101680, ISSN 2772-5022, <https://doi.org/10.1016/j.afres.2026.101680> <https://www.sciencedirect.com/science/article/pii/S2772502226000223> - **Q1**
2. Sahana Bisalapur, Geeta R. Bharamagoudar, “Attention-guided CNN with Multi-stage Feature Selection for Explainable Autism Spectrum Disorder Detection”, International Journal of Intelligent Engineering and Systems, Vol.19, No.4, 2026 –DOI: 10.22266/ijies2026.0430.52 , <https://oaji.net/articles/2025/3603-1773969278.pdf> **Q3**
3. ND Kurdekar, GR Bharamagoudar, “Traffic Signal Control using Dueling Double Deep Q-Networks for Urban Mobility Optimization” GRENZE International Journal of Engineering and Technology, Volume 12, Issue 1, pgs 1371-1377, 2026- **Scopus Indexed**

4. Sahana Bisalapur, Dr.Geeta R.Bharamagoudar, “ Data-Driven Approaches for Detecting Autism Spectrum Disorder: A Comprehensive Review” , International Research Journal of Computer Science, Vol 12 Issue 2, pp 66-78, Mendeley, Elsevier Indexed- <https://doi.org/10.26562/irjcs.2025.v1202.01>
5. Sahana Bisalapur, Geeta R Bharamagoudar, Shashikumar G. Totad, “ASD Diagnosis Using Stacked Ensemble Learning with Neural Network Meta-Learner”, International Journal of Computational Analysis and Applications, Vol 33, Issue 8, pp 5594-5610, Eudoxua Press LLC - **Q3**
6. Vijayakumar H. Bhajantri, Shashikumar G. Totad, Geeta R. Bharamagoudar, ‘A Hybrid Parallel Techniques for Large-Scale Text Classification with Symmetric ADMM and 1-Factorization”, Fuel Cells Bulletin, Vol: 2024, |Iss:ue 7, 2024 ISSN: 1464-2859, pp 238-252 **Q1**.
7. Nivedita K, Shashikumar Totad, Geeta R. Bharamagoudar, “Transfer Learning Approaches for Emergency Event Detection Through Crowd Sourced Social Media Imagery” JOURNAL OF INTERNATIONAL CRISIS AND RISK COMMUNICATION RESEARCH, ISSN:2576-0017, 2024,VOL7,NOS12, pp 1027-1035 (**Q2**)
8. Vijayakumar H. Bhajantri, Shashikumar G. Totad, Geeta R. Bharamagoudar, ”Scalable Distributed Computing for Large-Scale SVM: A Symmetric ADMM Approach”, JOURNAL OF INTERNATIONAL CRISIS AND RISK COMMUNICATION RESEARCH, ISSN:2576-0017, 2024,VOL7,NOS12, pp 1167-1178. (**Q2**)
9. Sharada K Shiragudikar, Geeta Bharamagoudar, “Utilizing Performance Analysis of Deep Learning Models for Early Prediction of Salinity Tolerance in Rice Seedlings “published in International Journal of Creative Research Thoughts (IJCRT) with ISSN: 2320-2882 Vol. No11, Issue.11,Page No 785-798, 2023, <https://ijcrt.org/papers/IJCRT2311326.pdf>.
10. Sharada K. Shiragudikar, Geeta Bharamagoudar, “Enhancing Rice Crop Resilience: Leveraging Image Processing Techniques in Deep Learning Models to Predict Salinity Stress of Rice during the Seedling Stage”, ISSN: 2147-6799, Vol. 12 No. 14s (2024), 02.02.2024, <https://ijisae.org/index.php/IJISAE/article/view/4643> **Scopus Q4**
11. Shiragudikar, S.K., Bharamagoudar, G., Manohara, K.K. et al. “Insight Analysis of Deep Learning and a Conventional Standardized Evaluation System for Assessing Rice Crop's Susceptibility to Salt Stress during the Seedling Stage”, ISSN: 2661-8907, SN COMPUT. SCI. 4, 262 (2023). <https://doi.org/10.1007/s42979-022-01656-2> **.Q2-**
12. Sharada K Shiragudikar, Geeta Bharamagoudar, “Enhancing Rice Crop Resilience: Leveraging Image Processing Techniques in Deep Learning Models to Predict Rice Salinity Stress during the Seedling Stage” published in International Journal of Intelligent Systems and Applications in Engineering” with ISSN: 2147-6799, Vol. No11, Issue No 5, Page No.1-11,2023, DOI: <https://ijisae.org/index.php/IJISAE/article/view/4643> **Q3**
13. Sharada K Shiragudikar, Geeta Bharamagoudar, Manohar K K “Homomorphic Integral and Dual Rectified Convolutional Grading for Salinity Prediction During Seedling in Rice” is in Research Square DOI: <https://doi.org/10.21203/rs.3.rs-3458409/v1>

14. Malathi S Y, Geeta R Bharamagoudar (2023) "A Predictive Modeling for Characterization and Grading of Knee Osteoarthritis using Machine Learning Algorithms:A Study in Early Diagnosis and Prognosis," in International Journal of Intelligent Systems and Applications in Engineering.ISSN:2147-6799. **Q3**
15. Malathi S Y, Geeta R Bharamagoudar (2023) "Classification of Knee X-Ray Images by Severity of Osteoarthritis Using Skip Connection Based ResNet101",in International Journal of Intelligent Engineering and Systems. ISSN:2185-3118 **Q2**
16. Malathi S Y, Geeta R Bharamagoudar (2023) "A Novel Method on CNN_LSTM to Characterize Knee Osteoarthritis from Radiography", Proceedings of the National Academy of Sciences, Biological Sciences(NASB), Feb 2024, **Q2**.
<https://doi.org/10.1007/s40011-023-01545-5>.
17. Puneeth Totad, Geeta R. Bharamagoudar and Shanta S. Kallur "Boosting-based machine learning approaches for diabetes prediction using Indian demographic and health survey-2021 data" , Research Square, 11-April-2023,
<https://doi.org/10.21203/rs.3.rs-2784266/v1>
18. Puneeth Totad, Geeta R. Bharamagoudar , Basavaraj Anami, "A Machine Learning-based Diagnosis and Prediction of Diabetes Mellitus Disease", 21-03-2023, International Journal of System Assurance Engineering and Management (Under Consideration) **Q2 Springer**.
19. Puneeth Totad, Geeta R. Bharamagoudar and Basavaraj Anami, "Diabetes disease detection and classification on Indian demographic and health survey data using machine learning methods" ScienceDirect, Diabetes & Metabolic Syndrome:Clinical Research & Reviews, ISSN: 1871-4021, 102690, Volume 17, Issue 1, January 2023,
<https://doi.org/10.1016/j.dsx.2022.102690> **Q1**.
20. Puneeth Totad, Geeta R. Bharamagoudar and Basavaraj Anami "Diabetic foot ulcer detection using deep learning approaches", Sensors International, **Science Direct, Elsevier** , 5 Dec 2022, Volume 4,2023,100210,ISSN 2666-3511,<https://doi.org/10.1016/j.sintl.2022.100210>.

(<https://www.sciencedirect.com/science/article/pii/S2666351122000559>) **Q1**
21. Lalitha Madanabhavi, Geeta R Bharamagoudar, Nikita Parakh and Meena S.M "Indian Vehicle Number Plate Detection and Recognition using Deep Learning" Journal of Positive School Psychology, **ISSN**: 2717-7564, Vol 6 No 5 2022, pp 5400-5405 **Q2**
<https://journalppw.com/index.php/jpsp/article/view/7597/4964>.
22. Shashikumar G Totad , Spoorthi N Patil , Geeta R. Bharamagoudar, "Emotion Based Music Classification", Journal of Next Generation Technology (ISSN: 2583-021X) Vol. 2, Issue 1, May 2022, pp 22-29
23. Sharada Shiragudikar, Shashikumar Totad, Geeta R Bharamagoudar, "Comparison of Machine Learning Algorithms for Heart Diseases Prediction" , Levant International Journal, ISSN NO:1756-3801, Vol 20,Issue 8, 2021, pp 151-157
24. Kasturi, N., Geeta, R.B., Ghosh, G., Totad, S.G. (2022). Feasibility Study of Software Engineering Aspects of Big data Analytics Applications for Academicians. Cyber Intelligence and Information Retrieval pp 469–483, Lecture Notes in Networks and Systems, Vol 291. Springer, Singapore., Sept 2021,Print ISBN 978-981-16-4283-8,

Online ISBN 978-981-16-4284-5, **Scopus Indexed**, https://doi.org/10.1007/978-981-16-4284-5_41

25. Geeta R.B, Gouri C.Khadabadi, Shashikumar G Totad, "A Survey on Identification and Classification of Diseases in crops using Image Processing techniques" pp 174-179, Grenze International Journal of Engineering and Technology, Jan-2021, Grenze ID: 01.GIJET.7.1.506
26. Abhishek, Lalitha M, Geeta R. B, "Smart Parking System for Educational Institution" Grenze International Journal of Engineering and Technology, Grenze ID: 01.GIJET.7.1.552, Jan-2021, pp 342-348
27. Geeta R.B, Shrikanth, Manohar Madagi, "Geo-Social: Location and Social Metrics Enabled MoNs Routing Algorithms" Grenze International Journal of Engineering and Technology, Jan-2021, Grenze ID: 01.GIJET.7.1.551, pp 337-341
28. Manohar Madagi, Shantala Giraddi, Geeta R.B, Madhur, "Brain Tumor Classification and Segmentation using Deep Learning" SMART COMPUTING TECHNIQUES & INFORMATICS (SCI 2020), Smart Computing Techniques and Applications, Springer Series, 2021, Volume 224, Smart Innovation, Systems and Technologies Smart Innovation, Systems and Technologies(SIST), book series pp 201-208, 14th July 2021, **Scopus Indexed**
29. Shashikumar G Totad, Karibasappa K. G., Geeta R. B. Nithish T, "Detection of Anomaly in Streaming Dataset", Published in: Computer Communication, Networking and IoT, Part of Lecture Notes in Networks and Systems, LNNS Vol-197, pp 431-440, 19-06-2021, **Springer**, Singapore, DOI: doi.org/10.1007/978-981-16-0980-0_38 https://link.springer.com/chapter/10.1007/978-981-16-0980-0_38
30. "Scalability and Speedup Enhancement of SVM algorithm for Big Data Processing", Aug 2020, AICTE sponsored International Conference on Recent trends in Computers, Electronics and Electrical Engineering.
31. Ashwin Hugar, Geeta R B & Shashikumar G Totad, "Self Salvation - The Women and Child Security Module" International Journal of Pure and Applied Mathematics, ISSN:1314-3395, Vol. 120 No.6, June 2018, pp747-755
32. Geeta R.B, Malati , Shashikumar Totad, "A survey on Multispectral Imaging: Applications for Medical Diagnostics" International Journal of Pure and Applied Mathematics, ISSN:1314-3395, Vol. 120 No.6, June 2018, pp 721-726, <https://acadpubl.eu/hub/2018-120-6/1/49.pdf>
33. Geeta R.B, Sharada and Shashikumar Totad, "A brief Review on Data Mining Techniques for predicting Heart and Liver diseases" International Journal of Pure and Applied Mathematics, ISSN:1314-3395, Vol. 120 No.6, June 2018, pp 1153-1165, <https://acadpubl.eu/hub/2018-120-6/1/85.pdf>
34. P.Thotad, Geeta RB, Shashikumar G. Totad, "Survey on Mining Diabetes Data and Its Applications on diagnosing methods in Disease Management Using Big Data" International Journal of Advanced Research, **A peer reviewed journal**, in Computer Science, Volume 9, No. 1, pp 341-345, Jan-Feb 2018, ISSN No. 0976-5697, DOI: <https://doi.org/10.26483/ijarcs.v9i1.5261>
35. "Mobile Agent Based Frequent Pattern Mining for Distributed Databases", Advances in Intelligent Systems and Computing, Vol 673, pp 77-85, Jan 2018, ISBN: 978-981-10-7245-1, [Intelligent Computing and Information and Communication](https://doi.org/10.1007/978-981-10-7245-1_9) pp 77-85, [Advances in Intelligent Systems and Computing](https://doi.org/10.1007/978-981-10-7245-1_9) book series (**AISC, volume 673**), https://link.springer.com/chapter/10.1007/978-981-10-7245-1_9
36. Preeti Jigalur, Geeta R. B, Shashikumar G. Totad, "Optimized Resource Utilization in Cloud Computing", International Journal of Computer Science, Vol-5, Issue 4, Jul-Aug 2017. pp. 123-125, ISSN: 2347-8578 ,

<http://www.ijcstjournal.org/volume-5/issue-4/IJCST-V5I4P20.pdf>,

https://www.academia.edu/34350436/IJCST_V5I4P20

37. Ashwin Hugar, Geeta R B & Shashikumar G Totad, "Self Salvation- The Women and Child Security Module", International Journal of Pure and Applied Mathematics, Volume 120, Issue 6, May, 2018, pp:123-125.(IF(Cosmos):5.2), DOI: 10.33144/2347-8578.
38. "Noise Elimination in Web Content Mining", International Journal of Current Trends in Engineering and Research IJCTER e-ISSN 2455-1392, Volume 2, Issue 5, May 2016, Scientific Journal pp. 342-347. IF:3.468
39. "Big data structure and usage mining coalition", International Journal Services Technology and Management, Vol. 21, Nos. 4/5/6, **Inderscience, Scopus Indexed**, pp 252-271, December 2015, ISSN : 1460-6720, DOI: <https://doi.org/10.1504/IJSTM.2015.073930>
40. "Zealous Leadership Paradigms", International Journal of Globalisation and small business, Vol.7, Issue 1, 2015, **Inderscience, Elsevier Scopus Indexed**, pp 92-106 ISSN: 1479-3067. DOI: [10.1504/IJGSB.2015.069033](https://doi.org/10.1504/IJGSB.2015.069033)
41. "Web Pages Categorization based on Classification and Outlier Analysis Through FSVM", Review of Computer Engg Research, 2014,1(1):19-30.
42. Geeta R.B., Shobha R.B, Shashikumar G. Totad and Prasad Reddy published a paper on "Smart Behavioral Driven Power Stasher" in Global Journal of Advanced Engineering Technologies, Vol3, Issue3-2014, ISSN:2277-6370, pp-274-282, indexed in International Scientific Indexing, IF 1.023
43. Geeta R.B., Shobha R.B, Shashikumar G. Totad and Prasad Reddy published a paper on "Web Patterns Predictor" in a peer reviewed International Journal of Asian Academic Research Journal of Multidisciplinary, Sept-2014,ISSN:2319-2801, Vol 1, Issue 25, pp 95-104.
44. S.R.Bharamagoudar, Geeta R.B and S. G. Totad, published a paper on "Web Based Student Information management System", International Journal of Advanced Research in Computer and Communication Engineering, Vol. 2, Issue-6, June 2013, <https://www.ijarce.com/upload/2013/june/4-shobha%20bharamagoudar-WEB%20BASED%20STUDENT%20INFORMATION.pdf>
45. S.R.Bharamagoudar, Geeta R.B and S. G. Totad, published a paper on "Query by Image Content", International Journal of Advanced Research in Electronics and Computer Science Engineering, Vol. 2, Issue 6, June 2013
46. Geeta R.B, Shashikumar G.Totad, and Prasad Reddy PVGD "Web Page Grader of the Website" International Journal of Emerging Technology and Advanced Engineering, ISSN 2250-2459 Volume 3, Sp. Issue 2, January 2013
47. Geeta R.B, Shashikumar G.Totad, and Prasad Reddy PVGD presented a paper titled "Literature Survey on Web Mining" International Organization of scientific Research Journal of Computer Engineering Sept-Oct 2012, ISSN:2278-0661, ISBN:2278-8727 Volume 5, Issue 4 (Sept-Oct. 2012), PP 31-36, DoI: [10.9790/0661-0543136](https://doi.org/10.9790/0661-0543136)
48. Geeta R.B, Shashikumar G. Totad, and Prasad Reddy PVGD published a paper titled "A Novel approach for Web Page Set Mining" in International Journal of Web and Semantic Technology Vol.2, No.4, pp 149-161, October 2011, <https://arxiv.org/abs/1111.2669>
49. Shashikumar G. Totad, Geeta R. B. , Chennupati R Prasanna, "Scaling Data Mining Algorithms to Large and Distributed Datasets" International Journal of Database Management Systems (IJDMS), November 2010, Vol.2, No.4,pp 26-35, DOI: <http://dx.doi.org/10.5121/ijdms.2010.2403>

50. Shashikumar G. Totad, Geeta R.B and Prasad Reddy PVGD International Journal of Computer Applications(0975-8887) Volume 5-No. 5, August 2010 Batch Processing for Incremental FP-tree Construction **Springer**, <https://link.springer.com/journal/10115>, Published: 20 June 2012, <https://doi.org/10.1007/s10115-012-0514-9>
51. Geeta R.B, Shashikumar G. Totad and Prasad Reddy PVGD “ Amalgamation of Web usage Mining and Web structure Mining” International Journal of Recent Trends in Engineering, Vol. 1, No. 2, May 2009
52. Geeta R.B, Shashikumar G. Totad and Prasad Reddy PVGD “Optimizing user’s Access to Web Pages” **A Peer-reviewed International Refereed Multidiscipline Research journal** with the ISBN 0-9703797-7-3 Spring 2008 (Volume 8 Number-1), Latin America Region.

International Conferences

53. G. R. Bharamagoudar and V. Patil, "Performance Evaluation of Support Vector Machine with Random Forest and Multilayer Perceptron for the Quality Assessment of Rice," 2024 IEEE International Conference on Information Technology, Electronics and Intelligent Communication Systems (ICITEICS), Bangalore, India, 2024, pp. 1-6, doi: 10.1109/ICITEICS61368.2024.10625590.
54. Sharada Shiragudikar, Geeta R.B, “Predicting salinity resistance of rice at the seedling stage: an evaluation of transfer learning methods” in the conference iscomm-2023 (International Conference on intelligent systems in computing and communication) to be held on Dec 8 and Dec 09 ,2023 at Mangalore Institute of Technology & Engineering (MITE), Moodabidri.<https://www.iscomm.in/>
55. Malathi S.Y, Geeta R.B,”Predictive Models for the Early Diagnosis and Prognosis of Knee Osteoarthritis Using Deep Learning Techniques” in the conference iscomm-2023 (International Conference on intelligent systems in computing and communication) to be held on Dec 8 and Dec 09 ,2023 at Mangalore Institute of Technology & Engineering (MITE), Moodabidri.<https://www.iscomm.in/>
56. Puneeth Totad, Geeta R. Bharamagoudar and Basavaraj Anami “Predictive Analysis of Diabetes Mellitus Using Decision Tree Approach” IEEE 2022 2nd Asian Conference on Innovation in Technology (ASIANCON), October 2022,10.1109/ASIANCON55314.2022.9909122, Electronic ISBN:978-1-6654-6851-0 CD:978-1-6654-6849-7,Print on Demand(PoD) ISBN:978-1-6654-6852-7, DOI: 10.1109/ASIANCON55314.2022.9909122, Ravet, India, **Scopus Indexed**.
57. “Indian vehicle Number Plate Detection and Recognition using Deep Learning”, 2nd International Conference on Science, Engineering & Technology (ICSET-2022), Institute for Engineering Research and Publication, Singapore, 28th & 29th Jan 2022, pp 139-144
58. “Geo-Social: Location and social metrics enabled MoN routing algorithms”, 12th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2021, Volum2021-August 2021, Pages 337-341, Hyderabad, **Scopus Indexed**
59. “A Survey on identification and classification diseases in crops using image processing techniques”, 12th International Conference on Advances in Computing,

- Control, and Telecommunication Technologies, ACT 2021, Volum2021-August 2021, Pages 174-179, Hyderabad, **Scopus Indexed**.
60. “Smart Parking System for educational institution”, 12th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2021, Volum2021-August 2021, Pages 342-348, Hyderabad, **Scopus Indexed**.
 61. “Feasibility Study of Software Engineering Aspects of Big data Analytics Applications for Academicians” International Conference on Cyber Intelligence and Information Retrieval CIIR 2021 Program presented on 20th May 2021 to 21st May 2021, Organized by Institute of Engineering & Management Group Department of Computer Application and Science, Kolkata, technically sponsored by the Smart Society, USA, **Scopus Indexed**
 62. “Brain Tumor Classification And Segmentation Using Deep Learning Techniques in International Conference on Smart Computing and Informatics held on 9th -10th October 2020 organized by Department of Computer Science and Engineering held at Vasavi College of Engineering (Autonomous) , Hyderabad , India, **Scopus Indexed**
 63. Shashikumar G Totad, Karibasappa K. G., Geeta R. B. Nithish T, "Detection of Anomaly in Streaming Dataset", 4th International Conference on Intelligent Computing and Communication (ICICC - 2020) 18th,19th & 20th Sept, 2020, Dayanand Sagar University, Bengaluru, Published in: Computer Communication, Networking and IoT, Part of Lecture Notes in Networks and Systems, LNNS Vol-197, pp 431-440, 19-06-2021, Springer, Singapore, **Scopus Indexed**, DOI: doi.org/10.1007/978-981-16-0980-0_38
 64. Shashikumar G Totad., Geeta R.B., Satwik Belaldavar. (2019) "Scalability and Speedup Enhancement of SVM Algorithm for Big Data Processing ". AICTE Sponsored International Conference (ICCEE2020) 24th-26th August 2020 at St. Peter's Engineering College, Hyderabad.
 65. “Mobile Agent based Frequent Pattern Mining for Distributed Databases”, Second International Conference on Intelligent Computing and Information and Communication ICICC 2017, 02-08-2017 to 04-08-2017, Aug 2-4 pp 84-91. Advances in Intelligent Systems and Computing (AISC), Volume 673, pp 77-85, Springer Singapore, published on 20th January 2018, ISBN: 978-981-10-7245-1, https://link.springer.com/chapter/10.1007%2F978-981-10-7245-1_9 DOI: https://doi.org/10.1007/978-981-10-7245-1_9
 66. Geeta R.B, Shashikumar G.Totad, and Prasad Reddy PVGD presented a paper titled “Website Reorganization based on Topology and Usage Patterns” in International Conference on Soft Computing for Problem Solving held during 28th -30th December 2012 organized by Lakshmipat University Jaipur. Advances in Intelligent Systems and Computing, Vol 236, pp 841-848, DOI: 10.1007/978-81-322-1602-5_89, published 2014, ISBN: 978-81-322-1602-5, Springer-Verlag Berlin, Heidelberger Platz 3, D-14197 Berlin, Germany, **Web of Science**
https://link.springer.com/chapter/10.1007/978-81-322-1602-5_89
<https://publons.com/publon/27158742/>
 67. Geeta R.B, Shashikumar G.Totad, and Prasad Reddy PVGD presented a paper titled “Topological Frequency Utility Mining Model” in International Conference on Soft Computing for Problem Solving held during 20th -22nd December 2011 organized by IIT Roorkee Local Centre, ISBN: 978-81-322-0491-6, 2011, Vol 131, pp 541-546.
https://link.springer.com/chapter/10.1007/978-81-322-0491-6_49

68. Geeta R.B, Shashikumar G.Totad, and Prasad Reddy PVGD, presented a paper titled “Mining Association Rules Using Hash-Index Technique” in International Conference on Digital Image Processing and Pattern Recognition held at Manonmaniam Sundaranar University, Tirunelveli on 23rd -25th September 2011, ISBN: 978-3-642-24055-3, [Communications in Computer and Information Science](#) book series (CCIS,) volume 205, pp 239-248, https://link.springer.com/chapter/10.1007/978-3-642-24055-3_25 https://doi.org/10.1007/978-3-642-24055-3_25, **Springer**, Berlin, Heidelberg
69. Geeta R.B, Shashikumar G.Totad, and Prasad Reddy PVGD presented a paper titled “Application of Web Usage and Web structure Mining to enhance retention of customers” in International Conference on Nanoscience, Engineering & Advanced Computing held at Seetharampuram Narsapur held during 8th -10th July 2011.
70. Shashikumar G. Totad and Geeta R.B presented a paper titled “Incremental and Distributed Mining of large Datasets” in International conference on emerging technologies in computer science and Engineering organized by Department of Computer Science and Engineering held at Velagapudi Ramakrishna Siddartha Engineering College, Vijayawada during 12th-13th Feb 2010.
71. Geeta R.B. and M.Satish presented “deadlock handling techniques for homogeneous Distributed databases” International conference held at VLB Janakiammalcollege of Engineering and Technology Coimbatore Jan 21-23 2010
72. Shashikumar G.Totad, Geeta R.B and Prasad Reddy PVGD, published “Persistent Web Site Agent” in IEEE International Advance Computing conference held at Thapar University, Patiala on 6th& 7th March 2009.
73. R.B.Geeta ,Shashikumar G.Totad and Prasad Reddy PVGD, published “Manager-Members Distributed Software Development Reference Model” in IEEE International Advance Computing conference held at Thapar University, Patiala on 6th& 7th March 2009.
74. Geeta.R.B and Shashikumar. G. Totad published “Web Site Redeployment” in International conference held at Coimbatore Institute of Technology, Coimbatore from 27th to 29th August 2007.

National Conferences:

75. Poster Presentation on “Smart Garbage Alert System” National symposium & workshop on “E-Waste Management” held at Global Academy of Technology, Rajarajeshwari Nagar, Bengaluru on 11-01-2019 and 12-01-2019, organized under the aegis of International Society of Waste Management, Air & Water & in association with Bangalore Environment Trust.
76. Geeta R.B, Shashikumar G.Totad, and Prasad Reddy PVGD “Web Page Grader of the Website” in National conference on Machine Intelligence Research and Advancement, IEEE Computer Society, held during 21st – 23rd December 2012, Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir.
77. Geeta.R.B and Shashikumar. G. Totad, presented “Performance Enhancer of Website” in National conference on Soft Computing And Its Applications” held at ANITS, Visakhapatnam from 21th to 22nd Dec. 2007.

78. Shashikumar. G. Totad and Geeta.R.B, published “Mobile Agents and Mobile Code Paradigms” in proceedings of National Conference On Ubiquitous Computing (TEQUIP-MHRD New Delhi) –held at NMAMIT, Nitte on 23rd -24th Feb. 2006.
79. Shashikumar. G. Totad and Geeta.R.B, published “Multiple Constraint Based Routing” in proceedings of National Seminar –Advances in Computer Communication Networks, PP 1. held at IIT, Roorkee during Feb. 14-15, 2004.
80. Geeta.R.B and Shashikumar. G. Totad, published “Website Optimization using Page Popularity” in proceedings of National Seminar –Advances in Computer Communication Networks, PP 1. held at IIT, Roorkee during Feb. 14-15, 2004.

Text Book:

Vijaykumar Bhajantri, Shashikumar G. Totad, Geeta R. Bharamagoudar, “Enhancement of Scalability of SVM Classifiers for Big Data”, Advances in Data Science and Analytics: Concepts and Paradigms Wiley Publications,

<https://doi.org/10.1002/9781119792826.ch9> 31 October 2022

Interaction with Outside World

1. Participated in the regional meet held on 19th Jan 2024 at KLE Technological University Hubballi during Regional Meet Institutions’ Innovation Council and MoE’s Innovation cell
2. Received certificate on 16-November-2023 as a part of Institution’s Innovation Council (IIC) established at KLE Institute of Technology ,Hubli had undertaken various Activities undertaken prescribed by Innovation Cell, Ministry of Education, Govt of India to promote Innovation and Start-up in campus during the IIC calendar year 2022-2023.
3. As a **reviewer of the “Examination Process”, Basaveshwar Engineering College (Autonomous Bagalkote) on 23-May-2023.**
4. As a **session chair at 5th International Conference on Recent Trends in Multi-disciplinary Research (ICRTMDR)** organized by Institute For Engineering Research and Publication held on 9th and 10th December 2022.
5. As a **reviewer of the “Examination Process”, Basaveshwar Engineering College (Autonomous Bagalkote) on 24-August-2022**
6. As a **Subject expert on the selection panel for the interview for the post of Associate Professor/ Professor in the Department of Computer/IT Engineering, PADRE CONCEICAO COLLEGE of Engineering, Verna, Goa on 17-August-2022 and 18-August-2022.**
7. **Executive Member Institute For Engineering Research Publication (IFERP) Karnataka Regional Chapter Women Centric Activities.**
8. As a **Technical Program and Advisory Committee Member, Fifth International Conference on Computational Intelligence and Communication Technologies**

- (CCICT 2022) , 8-9 July 2022, organized by BM Institute of Engineering and Technology, Sonapat, INDIA and 'WSG University, Bydgoszcz, Poland'
9. As a reviewer of International Journal of Advanced Scientific Innovation.
 10. As a Peer reviewer Applied Soft Computing Elsevier.
 11. **Primary Evaluator, Toycathon 2021**, Ministry of Education, Women and Child development, Information and broadcasting, Commerce and Industry, MSME and Textiles
 12. As a **National advisory committee member** "International Conference on Innovation Challenges and Advances in Engineering & Technology : A road to self-reliant India (ICAET-2021)" on 5th-6th September 2021 Vishwaniketan's Institute of Management Entrepreneurship and Engineering Technology in association with IFERP,
 13. As a **Board of Examiner Visvesvaraya Technological University Belagavi**, 2021-2022
 14. Organized webinar on "**Solar Energy and its Applications**" Resource Person: **Mahesh V.S, Director, Sun Ray Solar Museum, Hubballi**
 15. As a **PC member** of Fourth International Conference on "**Computational Intelligence and Communication Technologies**" BMIET Sonapat, India
 16. **Editorial Board Member** on behalf of IJRAW Journal. International Journal of Research in Academic World
 17. Editorial Board Member Vieham Journal of Computer Science
 18. Editorial Board Member Journal of Next Generation Technology
 19. **VTU LIC Committee member** 2020-2021
 20. As a **organizing committee member** at the "International Conference on Innovation Challenges and Advances in Engineering & Technology (ICAET 2021)" organized by Department of Mechanical Engineering Vishwaniketan's Institute of Management Entrepreneurship and Engineering Technology, Khalapur held on 5th and 6th September 2021
 21. **National Advisory Committee Member** Virtual "International Conference on Research Trends in Engineering & Management" organized by R R Institute of Technology, Bengaluru held on 20th & 21st August 2021
 22. Nominated as a **Member** of Glacier Journal of Scientific Research Editorial Board, Ahmedabad ISSN:2349-8498.
 23. Nominated as "**Session Chair**" for the "**The 3rd International Conference on Applied Sciences, Engineering, Technology and Management**" which is being scheduled on 27th & 28th May 2021 in **Dubai**.
 24. Organized the Virtual "International Conference on Recent Challenges in Engineering Science and Technology (ICRCEST 2K21) organized by Department of Electronics and Communication Engineering, Ramachandra College of Engineering, Eluru, Andhra Pradesh held on 9th & 10th April 2021
 25. Appointed as an **External Member Board of Studies in PG**, Manonmaniam Sundaranar University, **Tirunelveli, Tamilnadu** from **01-01-2019 to 31-12-2021**.
 26. As a **PC member** of Fourth International Conference on "**Computational Intelligence and Communication Technologies**" BMIET Sonapat, India
 27. As a **Program Committee Member** , **10th International Conference on Web services and Semantic Technology**, November 24-25, 2018, Melbourne, **Australia**

28. **Advisory Committee member**, First International Conference on **Computational Intelligence & Communication Technologies-CICT-2017**, 22-04-2017 & 23-04-2017, B.M Institute of Engg & Technology, **Sonepat**
29. As a **Board of Examiner** Visvesvaraya Technological University Belagavi, 2017-2018

International Conference Organized

International conference on “**Recent Trends in Engineering and Management RTEM 2025**” June 28-30 2025 organized by New Research and Innovation Society Chennai in association with **KLE Institute of Technology Hubballi** and **Compucore Institute of Technology and Management Rajasthan**.

Institute Innovation Council:

Received Certificates of
Foundation
Advanced
Reskilling
 from **MoE Innovation Cell**

As a Resource person

1. As a **Key Note Speaker** “Big Data-driven Framework for Web Structure, Usage, and Content Exploration” Hinweis Fourth International Conference on Advances in Software Engineering and Information Technology **ASIT-2025**, August 30th 2025
2. **Invited Talk** on “Strategic Coalition for Big Data Mining and Structure Analysis of Websites” International Conference on Recent Trends in Engineering and Management-2025 **RTEM-2025** 28,29,30 June 2025
3. **Invited Talk** on “**Exploring Web Mining Opportunities, Challenges, and Future Directions**” International Conference on RECENT ADVANCES IN SCIENCE TECHNOLOGY,ENGINEERING, MANAGEMENT AND SOCIAL SCIENCE-2024 **RASTEMS-2024** scheduled 29-12-2024 to 31-12-2024
4. Delivered a talk on “**Awareness session on Intellectual Property and Rights**”, **IPR Cell KLE Institute of Technology Hubballi** on 13-February-2023 for MCA students.
5. Delivered a talk on “**Awareness session on Intellectual Property and Rights**”, **IPR Cell KLE Institute of Technology Hubballi** on 25-January-2023 for VI and VIII Sem Mechanical students.
6. As a **Resource Person** in “**Upskilling program and Awareness program**” on “**17 Sustainable Development Goals of United Nations**” organized by Global Centre of Excellence in Affordable and Clean Energy -GCoE-ACE, **IIT Dharwad** and Lowe’s India Pvt Ltd from 03-11-2022 to 4-11-2022.

7. **As a Keynote speaker** 2nd International Conference on Innovative Research in Engineering and Technology (ICIRET-22) 15th - 16th July 2022, Vietnam
8. Delivered a guest lecture on “**Web Mining opportunities and challenges**” on 9-Sept-2021, Institute For Engineering Research and Publication
9. As a **Key note speaker** 2nd International Conference on Innovative Research in Engineering Research and Technology (ICIRET-22) on 15th July 2022, Vietnam.
10. Delivered a talk on “**Awareness session on Intellectual Property and Rights**” on 20-July-2021, IPR Cell KLE Institute of Technology Hubballi.
11. **Delivered a talk** on “ **Artificial Intelligence for Information Retrieval**” in One week International Faculty Development Programme on “**Role of Machine Intelligence for Information Retrieval(RMIIR)**” organized by Department of Computer Science and Engineering at GMR Institute of Technology, RAJAM, India, held on 08-July-2021
12. **Delivered** a talk on “**Web Mining**” on 28-May-2021 to MCA students of **KLE Institute of Technology Hubballi**.
13. Delivered a Webinar on “**COVID-19**” for students and faculty on account of National Doctors Day on 1-July-2020
14. Delivered a talk on the topic “**Green Computing**” on **08-01-2019** at 6.30 PM at the **Institution of Engineers**(India), Dharawad Local Centre Dharawad

Organized STTP or Webinar or FDP or SDP:

1. Organized 2 days Student Development Program “**Design Thinking and Innovation Strategy**” on **15-Jan-2025 and 16-Jan-2025** at Government Polytechnic Mudhol in association with IBM Skills Building Program.
2. Masterminded Online Quiz Competition “**Intellectual Property Rights**” on 21-April-2023.
3. **Co-ordinated** in conducting the “Intellectual Property Awareness Program” under National Intellectual Property Awareness Mission on June 09 2022 organized by Intellectual Property Office, Government of India, Ministry of Commerce and Industry, Department for Promotion of Industry and Internal Trade, India
4. Organized a webinar on “**Create, Build and deploy applications using containers**” **“Suresh Appana, Senior Software Engineer at Alation, University of North Carolina at Charlotte, Morrisville, North Carolina, United States on 13-Jan-2022**
5. Organized a webinar on “**Innovations of Solar Energy**” 13-Jan-2022, Resource Person: **Mahesh V.S, Director, Sun Ray Solar Museum, Hubballi**.
6. Organized a webinar on “**Software Testing towards Industry Approach**” 11-January-2022, Resource Person: **Dr. Niranjana Murthy M**, Assistant Professor(Senior grade), Department of Computer Applications, M S. Ramaiah Institute of Technology(affiliated to Visvesvaraya Technological University, Belgaum), Bangalore, Karnataka. INDIA
7. As a **PC member** of Fourth International Conference on “**Computational Intelligence and Communication Technologies**” BMIET Sonapat, India

8. Organized a webinar on **“Blood disorders and Need for stem cell life savers in India”** on 28-July-2021 **Resource Person. Mrs. Jothi K**, Deputy Manager, DKMS-MBST Foundation India, Bangalore, India.
9. Conducted Online **Quiz Competition “Intellectual Property Rights”** on 24-July-2021
10. Organized a webinar on **“Solar Energy and its Applications”** on 12-July-2021 and Resource Person: **Mahesh V.S**, Director, Sun Ray Solar Museum, Hubballi.
11. **Organized a talk on “Resilience” Vince Kohli, Empathy Scholar, Global impact Capitalist, Design Innovation, Stanford, United States on 25-Dec-2020, San Francisco, USA.**
12. **15 days “Revisit C” for CSE 3rd sem (A & B Sections) 2020**
13. Organized **ISTE approved SF-STTP on “Big Data Analytics” from 15-03-2020 to 19-3-2020 by KLE Institute of Technology Hubballi.**
14. **“1-Day Workshop On Significance of Intellectual Property Rights and Innovations”** organized on 11th June 2020
15. 5 days Student Development Program on **“C++ Programming”** for IV Semester Students from **23-01-2017 to 28-01-2017**.
16. A 1-day workshop on **“Prarambh Training Program”** organized on **04-04-2015**, GMRIT RAJAM, Andhra Pradesh.
17. A Ten day Staff Development program sponsored by AICTE on **“Soft Computing applications in Data Mining”** during 9th to 18th May 2008 organized by the Departments of Computer Science and Information Technology
18. A 5-day workshop on **“Recent Trends in Middleware Technologies”** during **2nd Feb-6th Feb 2009**, organized by the Departments of Information Technology and Computer Science, GMR IT-RAJAM, Andhra Pradesh
19. A 5-day workshop on **“Recent Trends in Web Technologies”** during **16th March-20th March 2009**, organized by the Departments of Computer Science and Information Technology, GMR IT-RAJAM, Andhra Pradesh.

Short Term Courses /FDP attended:

1. State level Faculty Development Program approved by ISTE New Delhi on **“Innovative Pedagogy Techniques in Digital Era”** organized by Vidyalkankar Polytechnic from 10th February 2025 to 16th February 2025.
2. Vendor Development Programme-cum Exhibition organized by MSME-development & Facilitation Office Hubli Government of India, Ministry of MSME during 8th and 9th January 2025 at Nkssia Gokul Road Hubli
3. Participated in Management Development Programmes (MCP) on **“Digital Marketing Accelerator for Start-ups: Get Your Start-up in Digital World”** on 12th December 2023.
4. Received certificate on 16-November-2023 as a part of Institution’s Innovation Council (IIC) established at KLE Institute of Technology, Hubballi had undertaken various Activities undertaken prescribed by Innovation Cell, Ministry of Education, Govt of India to promote Innovation and Start-up in campus during the IIC calendar year 2022-2023.
5. Participated in Online Faculty Development Program on **“Professional Skills and Intellectual Property Rights”** from 15th May to 19th May 2023 organized by SGT University Delhi NCR collaboration with GMRIT.

6. Attended “Advancements in Security using Deep Learning” jointly organized by Department of Computer Science and Engineering of GMR Institute of Technology and Velagapudi Ramakrishna Siddhartha Engineering College from 21st to 25th March, 2023.
7. Participated in 5 days Online FDP on “Recent Trends in Multidisciplinary Research” Organized by the Department of Computer Engineering, Vishwakarma Institute of Information Technology, Pune held between 6th Feb to 10th Feb 2023.
8. Participated in one-week online FDP on “Machine Learning”, organized by Dept. of IT, SIT, Lonavala, Pune from 7th to 11th Dec. 2022.
9. Participated in International FDP organized by the Department of Computer Science & Engineering of JIS University, on 28th Nov to 2nd Dec, 2022.
10. Attended online short term course Recent Trends in Information Security and Privacy from November 7-11, 2022, one week online short term course under ISEA project phase-II, Department of Computer Science and Engineering, Dr. B.R. Ambedkar [National Institute of Technology, Jalandhar](#).
11. Attended one-week online FDP on “Machine Learning”, organized by Dept. Of IT, Sinhgad Institute of Technology, Lonavala, Pune from 7th to 11th December 2022.
12. Participated in "Upskilling and Awareness program" on 17 Sustainable Development Goals of United Nations organized by GCoE-ACE, IIT Dharwad and Lowe's India from 03-11-2022 to 04-11-2022 at IIT Dharwad, GLOBAL CENTRE OF EXCELLENCE IN AFFORDABLE AND CLEAN ENERGY (GCoE-ACE) at **IIT DHARAWAD, KARNATAKA, INDIA**.
13. Participated in five Days workshop on “**Empowerment of Agriculture Using Modern Technology**” organized by Department of Electronics & Communication Sri Sairam College of Engineering, Anekal-Bengaluru in association with Vision Group on Science and Technology during 23rd-27th May 2022.
14. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Advanced FDP on "**AI-Natural Language Processing**" from 29/11/2021 to 03/12/2021 at **University College Of Engineering Kakinada (A)**.
15. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Advanced FDP on "**Effective Team Work**" from 04/10/2021 to 8/10/2021 at **Indian Institute of Technology Bhubaneswar**.
16. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "**Intelligent Computing in Healthcare**" from 20/09/2021 to 24/09/2021 at **National Institute of Technology Raipur**.
17. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "**Industrial Robots for Future Factories**" from 13/09/2021 to 17/09/2021 at **NATIONAL INSTITUTE OF TECHNOLOGY PUDUCHERRY**.
18. National Level one week online Faculty Development Prograame on “**Multi Technology**” from June 28 2021 to July 3 2021, organized by Brain vision solutions, India
19. Faculty Development Program on “**Research Funding Projects & IPR** “, K.C. College of Engineering & Management Studies & Research Thane, from 7th to 9th June 2021.
20. “**NAAC’s Revised guidelines for Accreditation and Assessment of HEI’s**” from 3rd June 2021 to 5th June 2021, EDUPASS e-Academy Foundation.

21. **“Recent trends in Domination and Graph Labeling”** organized by Ramanujan College, University of Delhi from 27th-May-2021 to 31st –May-2021
22. National Level One week Faculty Development Program on **“Green and Secure Communications”** organized by Department of Electronics and Telecommunication Engineering, Sinhgad Institute of Technology, Lonavala during March 15th –March 19th 2021.
23. One week FDP on **“Stress & Anger Management”** organized by Rajasthan Technical University, Kota & Jaipur Engineering college and Research Centre, Jaipur held from 15th to 19th December 2020.
24. Online STTP on Recent advances in **“Information Security: Fundamentals, Challenges and some Future Research Directions”** from 7th -11th December 2020 organized by **IIIT Bhubaneswar, Odisha.**
25. Virtual Global Summit on Artificial Intelligence: Responsible AI for social Empowerment from 5th to 9th Oct 2020 organized by Ministry of Electronics and Information Technology, Government of India in association with NITI Aayog, Government of India.
26. One week FDP on **“Digi-Tech Teaching Learning”** organized by Singad Institute of Technology Lonavala from 18th to 22nd May 2020.
27. Participated in 5 days FDP 15th-19th June 2020 on **“Recent Trends in Image Processing”**, GATES Institute of Technology, Gooty, Andhra Pradesh.
28. One week FDP on **“Problem Based Learning”** organized by Rajarshi Shahu College of Engineering Pune from 01st-5th June 2020.
29. Participated in 6 days FDP on **“Applications of Machine Learning in the Advancements of Computer Science”**, Dr. B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY, NIT JALANDHAR, Punjab, from 17th Aug to 22nd Aug 2020
30. 5-day workshop on **“Intellectual Property Rights”** organized by **Karnatak Science Council Science and Technology** Bangalore from 5th to 8th May 2020.
31. One week FDP on **“Moodle Learning Management System”** organized by **IIT Bombay** from 1st May to 6th May 2020.
32. Participated in 5 days International FDP from 2nd Sept to 6th Sept 2020 on **“Advances in technologies, evolving new dimensions in e-society”**, JIS college of Engg, **West Bengal.**
33. Three Day FDP on **“Descriptive statistics thru R-Programming”** KPRIET from 26th May 2020 to 28th May 2020 **Coimbatore.**
34. 3-day online workshop on **“Basic Oil and Gas Field Development Cycle”** jointly organized by Department of Petroleum Engineering, IIT (ISM) Dhanbad, Department of Chemical Engineering, NIT Durgapur and GMR Institute of Technology RAJAM, 24th to 26th August 2020, **Andhra Pradesh.**
35. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on **“Augmented Reality (AR)/ Virtual Reality (VR)”** from 25-05-2020 to 29-05-2020 at **Indian Institute of Technology, Patna.**
36. Virtual global summit on **“Artificial Intelligence: Responsible AI for Social Empowerment (RAISE2020)”**, October 5- 9 2020 , **Government of India.**

37. Has successfully completed an online course, **Introduction to Human-Centered Design, provided by Acumen Academy** and IDEO.org. This hands-on course introduced human-centered research methods, concept generation, and rapid prototyping of a solution to a poverty-related design challenge on 25-May-2020.
38. Participated in one day skill development Programme on “**Data Science**” in association with Computer Society of India on 16-03-2019.
39. Participated in “**E-Waste Management**” held at Global Academy of Technology, Rajarajeshwari Nagar, Bengaluru on 11-01-2019 and 12-01-2019, organized under the aegis of International Society of Waste Management, Air & Water & in association with Bangalore Environment Trust.
40. Participated in 2-day Saptahaant Shikshak Prashikshan on Introduction to “**Machine Learning**” conducted by **Indian Institute of Technology Kharagpur** on 16th December 2017 and 17th December 2017.under National Mission of Education through ICT (MHRD).
41. Attended One-week Faculty Development Program on “**Android Development Course**” from 03rd July 2017 to 7th July 2017, conducted **Google Developer** at KLE IT Hubli,
42. Attended the workshop on “**New Model Curriulum for First year BE/BTech-CBCS Detailed Syllabus(2018-19)**” as per Outcome-Based Education(OBE) format including Course Outcomes (CO) and Bloom’s Taxonomy” under TEQIP-1.3 for the course C Programming under CSE/ISE Board held on 17-05-2018 at VTU, Belagavi, organized by Visvesvaraya Technological University, Belagavi
43. Attended 3-day TEQIP Sponsored workshop on “ **Research Trends in Data Analytics**” conducted by Department of Computer Science & Engineering B.V. Bhoomaraddi College of Engineering & Technology, Hubballi from 15thMarch to 17thMarch 2017.
44. Attended two week ISTE STTP on “**CMOS, Mixed Signal and Radio Frequency VLSI Design**” under National Mission on Education through ICT, MHRD, conducted by **IIT, Kharagpur** from 26th December to 4th February 2017.
45. Attended 1-day Faculty Development Program on “**ARM Controllers**” organized by Department of Computer Science and Engg in association with ALS Bengaluru , KLE IT Hubballi on 28th December 2016.
46. Participated in 3-day International Conference on “**Smart Electronic Systems**” from 20-05-2016 to 22-05-2016 organized by Department of Electronics and 17th Communication, KLE College of Engg Belagavi.
47. Attended 2-day workshop on “**Big Data & Analytics**” organized by Department of Computer Science and Engg in association with CSI Student Chapter Bengaluru , KLE IT Hubballi from 14th to 15th March 2016
48. Participated in 5-day workshop “**Rational Rose**” , GMRIT RAJAM, Andhra Pradesh
49. Participated in 2-day workshop on “**Wireless Sensors Networks**” during 2014 organized by Department of Electronics and Communication, GMRIT RAJAM
50. Participated in 2-day workshop on “**VLSI Applications to RADAR & Image Processing**” during 28th Feb and 1st March 2014 organized by Department of Electronics and Communications, GMRIT RAJAM.
51. Participated in 5-day workshop “**Rapid application development**” GMRIT RAJAM by **IBM**

52. Participated in a 2-day workshop on “**Oracle 10g:SQL Fundamentals Training**” during 25th& 26th November 2010 organized by Department of CSE GMRIT RAJAM
53. Attended IBM 3-day workshop on “**IBM DB2**” organized by Department of CSE GMRIT RAJAM from 13-07-10 to 15-7-10.
54. Attended Staff Development Programme on “**Evolving Challenges in Energy and Environment**”, organized by Chemical Engineering Department GMRIT RAJAM from 19th April to 1st May 2010.
55. “**Mission10X**” workshop 8th to 12th December 2008 at GMRIT RAJAM
56. AICTE sponsored workshop on “**AI Based Soft Computing tools for Image Processing Applications**” Organized by BVB college of Engineering& Technology Hubli 2009 during 9th to 14th June 2008.
57. Workshop on “**Data Mining & Data Warehousing**” held at JNTU College of Engg., **Kakinada** from 08.09.2007 to 09.09.2007
58. Faculty Development Program on “**Open Source and IBM Community Edition**”, GMRIT, Rajam from 20.06.2007 to 21.06.2007
59. National workshop on “**Machine Learning**” organized by CSE and IT Department of MVGR Engineering college, Vizianagaram on 15-17th Feb 2007.
60. Workshop on “**Software Verification & Validation**” jointly organized by CSE dept. and **Oak Systems at BVBCET**, on 7th& 8th May 2005.
61. State Level Workshop on “**Digital signal Processors: Architecture and applications**” organized by E& E Students Association on 29th& 30th April 2005 at BVBCET, Hubli.
62. AICTE-CSIR sponsored National Level Seminar on “**Recent Trends in Computer Communications and Networking**”, on March 15th&16th 2005 at BEC, Bagalkot.
63. Workshop on “**Biosensors**” at BVBCET, Hubli on 14-15 Nov, 2003.
64. Short term training program on “**Networking and Video Conferencing** “ at NICE, **Tamilnadu** on 15-21 May 2003.
65. Two day workshop on “**Software Quality**” at **OAK Systems**, Bangalore on March 14-15, 2003.

Coursera/ATAL Online Courses statement of Accomplishment :

1. AICTE Training And Learning (ATAL) Academy Faculty Development Program on **Recent progress in Process Modelling, Simulation and Process Control** at **National Institute of Technology Tiruchirappalli** from 06/01/2025 to 11/01/2025.
2. AICTE Training And Learning (ATAL) Academy Faculty Development Program on Research Advancements in Machine Learning for Engineering Applications at SASI INSTITUTE OF TECHNOLOGY & ENGINEERING from 20/01/2025 to 25/01/2025.
3. Mathematics for Machine Learning: Linear Algebra June 12 2021, Imperial College London
4. The Data Scientist’s Toolbox by Johns Hopkins University
5. R Programming Johns Hopkins University
6. Neural Networks and Deep Learning
7. Introduction to Logic organized by Stanford University
8. Mining Massive datasets organized by Stanford University through Coursera Inc.. Resource persons- Prof. Jure Leskovec- Comp. sc Dept Stanford University, Prof Anand Rajaraman- Entrepreneur, Academic, And Milliways ventures and Jeffrey Ullman- Professor of computer science, Stanford University.

9. Web Intelligence and Big Data-Dr Gautam Shroff, Vice President and chief Scientist, TCS Innovation Libs, Tata Consultancy Services
10. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Advanced FDP on "AI-Natural Language Processing" from 29/11/2021 to 03/12/2021 at **University College Of Engineering Kakinada (A)**.
11. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Advanced FDP on "Effective Team Work" from 04/10/2021 to 8/10/2021 at **Indian Institute of Technology Bhubaneswar**.
12. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Intelligent Computing in Healthcare" from 20/09/2021 to 24/09/2021 at **National Institute of Technology Raipur**.
13. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Industrial Robots for Future Factories" from 13/09/2021 to 17/09/2021 at **NATIONAL INSTITUTE OF TECHNOLOGY PUDUCHERRY**.

Projects Guided: UG: 34(Guided)

PG-10 (Guided)

PhD-→ 03—Awarded & 06 (Guiding)

Other responsibilities/Assignments/Social Services

KLE Institute of Technology Hubballi (From Feb 2016- Till Date)

1. As a ISO Coordinator- KLE Institute of Technology is certified with **Education Organization Management System** Bureau Veritas ISO 21001:2018 and valid upto 18 September 2028.
2. As a Intellectual Property Rights IPR Coordinator
3. As a MTech-CSE Coordinator from 3-Jan-2023 onwards.
4. As an Academic Monitoring Committee coordinator(AMC) from 17-Sept-2022
5. Mentor of **MSME Women Hackthon 3.0** **Mentor** “AI Based Arecanut grading system” received Grants of **Rs 15 Lakhs**.
6. As a **Principal Investigator** of “**Mining Diabetes Data for early Prognosis and Diagnosis in Disease Management**” from **VTU RGS** sanctioned **Rs 600000/-**
7. Presented ISE Dept for NBA and scored highest marks
8. Acted as an In-charge Head of Department HoD Information Science and Engineering when Dr. D.P. Mankame applied Long study leaves prior NBA visit.
9. NBA Accreditation Presentation responsibility of ISE Department was carried out by me and scored highest marks across various departments EEE, ECE, MECH applied for NBA accreditation in KLE Institute of Technology Hubballi.

10. As a NBA Criteria-3 Coordinator- CO-PO Mappings of left over ISE faculty of previous 3 academic years from 2018 is complicated task and worked from 8.30AM to 9.30 PM for around 2-Months.
11. Streamlined Criteria-3 Direct and Indirect assessment in Contineo.
12. Established and Coordinating **KLEIT-KSCST Intellectual Property Rights Cell** from 11-June-2020.

13. Projects guided:

UG:

- Presented the Project “**Smart GCT Bin**” in “Upskilling and Awareness Program” on “Waste Management” organized by Global Centre of Excellence in Affordable and Clean Energy(GCoE-ACE), IIT Dharwad held on 23-March-2023 at IIT Dharwad.
- I-SiKho project Sponsored by KSCST Team members Vijay Kabbur and Shivakumar 2021
- Ms.Apoorva Sajjanar, Bhavani Alapati and Lata Hulli Selected for TCS Phase 2 of the **BITES - Xcelerator Project Awards** on 25-may-2019 for the project titled “**Remote Access of Smart Phone**” under the guidance of Dr. Geeta R. Bharamagoudar, KLE Institute of Technology, Hubballi.
- Ms. Pragati Dhadekar, Ms BhavanaPatil and Ms. Mothukuri Swathi secured **1st prize** for the project titled “**Determining Lifespan of Civil Structure**” in **Civil Engineering National Exhibition at AAKAAR 2019**, the annual Civil Engineering technical festival of **IIT Bombay** held on 16th -17th March 2019 under the guidance of Dr. Geeta R. Bharamagoudar, KLE Institute of Technology, Hubballi.
- Participated in State Level Project Exhibition conducted by Department of Computer Science & Engineering, AIT, Chikkamagaluru on 24th April 2018.
Project title: Smart Bin.

14. National Service Scheme (NSS) Program Officer 2018-2019 onwards :

Organized 7day Special Camp from 12-01-2019 to 18-01-2019 at Revadihal

(Theme: Village Development: BP and Sugarcheck up: Resource Persons Dr. Parimala, Eye Camp: DivyaJyothi Hospital, Yoga :SnehaBilagi, Hiremath and Vijayalaxmi, Agriculture Iranna)

Health & Hygiene

Medical Camp

Vermi Compost Preparation

Swachh Bharat Abhiyan for Ist year students (CSE & ISE) as a part of Induction program

SAPARKS Awareness Program for CSE/ISE and Mechanical students.

15. **SPARKS(Students Promoting Awareness of Research Knowledge)**

Established SPARKS in KLEIT, Hubballi. Originator and dedicated mentor of SPARKS.

event→Organized one day Project exhibition on 25-11-2018. Project exhibition followed by talk on Unkal Lake Issues by Panchayya Hiremath, Sheelavanthand Students for Development Srilekha.

16. Nominated as **Reception Committee Coordinator of Annual Day Gathering Khushi-**

2018 held on 23-03-2018 Chief Guest- Er. Ashok L. Vasnad

Guest of Honour-Er.AniruddhaKulkarni

President-Shri Shankaranna I. Munavalli

& 24-03-2018 Chief Guest- Er. AbhinavKalamdani & President-Shri S. C. Metgud

17. **CSI Coordinator**

Sl.No	Name of the Event	Audience	Conducted Date
1	Swachh Bharat Abhiyan	NSS Volunteers	18-08-2018
2	Industrial Visit to Deshpande Foundations Sandbox &Kirit Industries	5 th Sem Students	04-09-2018
3	Alumni Interaction PavanKulkarni Research Associate IISC Bangalore	3 rd Sem students	15-9-2018
4	Awareness Session for Improving the Survival Rate of Patients Suffering from Blood Cancer, Aplastic Disorders, Stem Cell Registry India	3 rd , 5 th , 7 th students	19-09-2018

5	Debate on Assignment Submission vs Paper Publication	5 th Sem students	5-10-2018
6	Seminar on Professional Ethics	5 th Sem students	30-10-2018
7	Seminar on Green Computing	5 th Sem students	30-10-2018

18. Nominated as **Chairman of the Women's Welfare committee** of the Institute for the academic year 2017-2018.

WOMENS' WELFARE COMMITTEE

OBJECTIVES

- To create social awareness about the problems of women and in particular regarding gender discrimination
- To develop self-confidence of Women.
- To guide about Women Welfare Laws.
- To assert the importance of spiritual, economic, social, racial and gender equality.
- To highlight the importance of health and hygiene.
- To direct Women's role in the society and to develop multidisciplinary approach for the overall personality development.
- To organize seminars, workshops related to Women development.

- To prevent sexual harassment and to promote general well-being of female students, teaching and non-teaching women staff of the College.

Events Organized for the Academic Year 2017-2018

- Seminar on “**Personal Health and Hygiene**” on 21st Sept 2017 for B.E first year girl students. Resource person was Dr. Mamata Patil Obstetrics and Gynaecologist Lepriscopic Surgeon Moon Maternity Hubballi
 - One day workshop on “**Phenol and Detergent for lady attenders**” on 9th Jan 2018. Resource person :Mrs Laxmi NGO Rapid Associations Dharawad
 - Talent Hunt event** on 24th Jan 2018 including **Painting, Sketches, Monoacting, Stand-up Comedy, Singing and Dancing**. Judge of the event was Ms. Sayeda Anjum Kausar B, HOD-MCA, IBMR Hubballi
 - Mehandi Contest** on 29th Jan 2018. Judge of the event was Ms. Poornima Amte, Fashion Designer, Founatin Academy, Hubballi
 - International Womens’ Day** was celebrated on 8th March 2018. Chief Guest was Mrs. Manjiri Moktali, Badminton Coach, Badminton Academy, Hubballi and addressed on the theme “**#PressforProgress to help accelerate gender parity**”.
- Geeta R.B organized **5 days Student Development Program on “C++ Programming”** for IV Semester Students 23-01-2017 to 28-01-2017. Resources persons Dr. B.S Anami, Chandrashekar Itagi-Venture Wings Group, Dr. Geeta R.B, Naveen N.M, Anand C M and Vinod S.G
 - Organized **Motivational session** for IV, VI & VIII Information Science & Engg students on **12-04-2016**
 - Donated blood** for M.R. Blood Bank to help the needy on 04-10-2016 at KLEIT, Hubballi
 - Conducted brainstorming session **Placement Drive** for Information Science & Engg faculty on **09-12-2016**

GMR Institute of Technology Rajam (Feb 2007-May 2015) Andhra Pradesh

- As a Head of the Department Information Technology and MCA from 02-Jan-2013 to 03-June-2014
- As a Co-chairman, BOS of CSE & IT
- Program Committee member & Reviewer for 3rd International Conference on Advanced Computing & Communication Technologies, IEEE-Computer Society, Rohtak.
- Advisory committee member for Two-day National Seminar on Advances in Wireless Technologies scheduled on 2nd & 3rd March 2012 sponsored by AICTE, GMRIT RAJAM
- In-charge HOD of IT Department GMRIT Rajam from 30-04-2009 to 31-05-2011.

6. Convener for Two-day Workshop on “DATA MINING using CLEMENTINE WORKBENCH” on 25th Nov & 26th Nov 2011.
7. Convener for Awareness Workshop on Ethical Hacking on October 1st 2011, Department of IT, GMRIT RAJAM (Student centric workshop).
8. SPOC for 5 day Mission10x workshop 19th July to 23rd July 2011
9. SPOC for advanced workshop on Mission10X on 19th & 20th September 2011
10. Member of advising committee for 5-day workshop “Statistical Computing” from 20th Dec -24th Dec 2010.
11. Organized workshop Online Training Examination on Nov 2, 10 & 11-2010
12. Organized one-day workshop *Microsoft Office Tools and Latex* on 1st May, 2010.
13. Coordinator for 5-day DST sponsored workshop “Middleware Technologies” held during Feb 2nd – 6th Feb 2009.
14. In-charge HOD of IT Department GMRIT Rajam from 09-05-2008 to 05-09-2008.
15. Project Coordinator & CSI Coordinator during 2008-2009.
16. Mission10X Aarambh Training programme inaugurated on 01-06-2012.
17. Women Empowerment Cell coordinator.
18. Coach for Mission10X Aarambh Training Programme
19. Autonomous coordinator
20. Hobby Project Coordinator
21. Member of UG Committee
22. Student Activity Center Coordinator
23. Time table Coordinator

Awards/Achievements:

1. Certificate of appreciation in recognition of outstanding participation, exceptional performance in the **IBM SkillsBuild for Students Program**, dedication to empower students with essential digital skills and fostering a culture of innovation significant contribution to their academic, professional growth, commitment to education and partnership in preparing the next generation for future success.
2. Data Processing Research Group proudly presents **International RESEARCH EXCELLENCE AWARD 2024 DISTINGUISHED RESEARCHER AWARD** for outstanding contributions in academic research fraternity globally on 5-September-2023.
3. Data Processing Research Group proudly presents **International RESEARCH EXCELLENCE AWARD 2023 OUTSTANDING RESEARCH AWARD** for outstanding contributions in academic research fraternity globally on 5-September-2023.

4. Certificate of **APPRECIATION** presented to **KLE INSTITUTE OF TECHNOLOGY HUBBALLI** in recognition of active participation in the “**NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION (NIPAM)**” launched by Government of India on the occasion of the 75th anniversary of independence on Intellectual Property Rights on June 9 2022 in association with Intellectual Property Office Chennai.
5. Has been honored with **AWARD OF EXCELLENCE IN RESEARCH** from the National Level Academy for her contribution in science & technology under the category of “Computer Science and Engineering” specialization having adjuncted during the academic year 2020-2021 by Novel Research Academy, Puducherry India. The academy wishes for her outstanding performance and do get many more laurels in the years to come in turn to promote the higher education in India.
6. Awarded “**BHARAT VIKAS AWARD**” in recognition of continuing excellence highly esteemed contribution over the years in the field of Education and Community Development on 14th December 2019 by Institute of Self Reliance, Bhubaneswar.
7. Awarded the Prestigious “**ADARSH VIDYA SARASWATI RASHTRIYA PURASKAR- NATIONAL AWARD OF EXCELLENCE 2020**” by Global Management Council, Ahmedabad on 13-January-2020.
8. Received **Appreciation Letter** of the hard, sincere and dedicated effort on 20-05-2019 for the ODD Sem of academic year 2018-19 subject Big Data Analytics VIII SEM Information Science & Engineering, **KLE IT Hubballi**.
9. Received **Appreciation Letter** of the hard, sincere and dedicated effort on 22-11-2018 for the ODD Sem of academic year 2018-19 subject Big Data Analytics VIII SEM Information Science & Engineering, **KLE IT Hubballi**.
10. Received **Appreciation Letter** of the hard, sincere and dedicated effort on 05-09-2018 for the ODD Sem of academic year 2018-19, Information Science & Engineering, **KLE IT Hubballi**.
11. **Best faculty award** of IT department **Sept 5 2011 GMRIT RAJAM**, Andhra Pradesh
12. **Best faculty award** for B.Tech IV 2009-10 Distributed Databases **GMRIT RAJAM, Andhra Pradesh**
13. **Chief Coordinator for MODROBS** under AICTE. Received grant of 5 lakhs SPSS Modeler Clementine 14, 2009-2010, **GMRIT RAJAM, Andhra Pradesh**.
14. **Best faculty award** for B.Tech III & IV 2008-09 Embedded Systems & Computer Networks, **GMRIT RAJAM, Andhra Pradesh**

Miscellaneous:

1. March 9, 10 and 11th 2014 Leadership Retreat Sunray resort Dr.Kavitha and Dr.RadhaKrishan, **GMRIT RAJAM, Andhra Pradesh**
2. Delivered a seminar on Entrepreneurship for IT dept on 28-Feb-2014, **GMRIT RAJAM**.
3. Attended a seminar on Entrepreneurship by PSN Murthy
4. Participated in Team building skills On Feb 1 & 2 2012 at Sunray village resort by Mr. Ashok Kapoor, GM-Corporate-CHR
5. Participated in Faculty Motivation Skills on 23rd & 24th Nov 2011 from 8.30-4.30 **GMRIT** by Dr. V. Raghunathan, CEO, **GMRVF**
6. Attended **IBM Cognos Midsize Business Analytics Virtual Summit** on December 8th 2010 through webcast
7. Participated in faculty development program titled “A New Beginning” on 3rd July 2010 at **GMRIT Campus**.

8. Participated in One-day workshop on “Research Methodology” on 26th June 2010 at GMRIT Campus.

Projects guided and used by College:

1. Student Authentication System.
2. Student FeedBack System College Feedback Questionnaire by GMRVF
3. STEPCONE website

SOFTWARE TOOLS/ SYSTEMS: Well versed with — >C, C++, Visual C++, Java, Python, WAMP.

SUBJECTS TAUGHT :

Research Methodology & IPR, Multi Core Architecture and Programming, Big Data Analytics, Business Intelligence, Decision Support Systems, Data Mining & Data Warehousing, Design & Analysis of Algorithms, Internet & Intranet, Client Server Computing, Database Management Systems, Data Structures, Analysis and design of Algorithms, System simulation and Modeling, OOP thru Java, Distributed Databases, Computer Networks, Artificial Intelligence, Management Science, Software Engg, Compiler design, Embedded Systems, Computer Graphics, Microprocessors, System Software, Object Oriented Modeling & Design, Storage Area Networks, Decision Support Systems, Advanced DBMS etc...

Innovativeness in teaching-learning Paradigms:

- Brain storming sessions,
- Active learning paradigm,
- Role model displays
- Thinking out of box scenarios
- Exhibiting leadership qualities
- Team building
- Measuring Outcome of course with various parameters

Membership:

Sl.No	Organization	Membership ID	Year
1	ISTE	LM 35139	2003
2	CSI	00173891	2007
3	IEEE	91139724	2015
4	Senior Professional Member of Institute for Engineering Research & Publication	PM9196000036	2018-2030
5	Premium Professional Member	PM2499714	2023-2024

RGEEA

SIGNATURE