Staff Achievements (2018-19 to 2025-26)

Staff Achievements 2018-19

1. Mr. MahalingS, Ms. Pavana B, and Ms. Rajeshwari Banni visited V. M. Baligar, P. U. College, Shigli on 6th Oct 2018, and delivered a session on Career Guidance for the students.
2. Mr. Shivaraj Hiremath presented a paper entitled 'Ensuring Cloud Data Security using Public Auditing with Privacy Preserving' in IEEE 3rd International Conference on Communication and Electronics Systems (ICCES-2018), coirnbatore, India, Oct. 2018.
3. Mr. Bharagav H K published a research paper on 'A comprehensive Review of text recognition from Kannada handwritten documents' in international conference on Chip, Circuitry, Current, Coding, Combustion and composites- i7c-2018 at Sri Sai Ram College of Engineering, Bangalore, on 28th and 29th Nov. 2018.
4. Mr. Bhargav H K published a research paper on 'paragraph Segmentation Of Kannada Handwritten documents with Skewed content' in International Conference on Chip, Circuitry, Current, Coding, Combustion and Composites- i7c-2018 at Sri Sai Ram College of Engineering, Bangalore on 28th and 29th Nov. 2018.
5. Mr. Bhargav H K coordinated placement drive at QSpider, Bangalore on 11th to 12th March 2019.
6. Ms. Rajeshwari Banni published a paper entitled ' Parashara Krushi Saphallya' in International Journal of Innovative Science and Research Technology, Volume 4, issue 5, May 2019.
7. Mr. Ravikumar K, Mr. Shivaraj Hiremath and Mrs. Pratima M. received certificate from IIT, Bombay in June 2019 on successful completion of AICTE approved EDP on ‘Foundation Program in ICT for Education'.

Staff Achievements 2019-20

1. Dr. Dattatreya P. Mankame has been promoted as vice-principal with effect from 17-02-2020.
2. Mr. Shivarajkumar Hiremath has cleared RHCSA exam conducted by RED HAT on 17-01-2020 at COSS, Bangalore and is certified as red hat certified system administrator.
3. Mrs.Prathima Mahapurush successfully completed NPTEL Online Certification of 12 weeks and 8 weeks for the courses “Introduction to IOT” and “Accreditation and Outcome Based Learning” respectively during July –October 2019.
4. Mr. Ramesh N. Koppar successfully completed NPTEL Online Certification of 12 weeks for the course “Software Engineering” during July – October 2019.
5. Mr. Bhargav H. Kuri has been honoured with “Teacher to Society” award from Mitra Teachers Trust, Dharwad for his outstanding contribution towards Kannada literature.
6. Paper Title: Closed Frequent Mining Algorithms: Features & Issues Authors: Mr. Ramesh N. Koppar International Journal of Advance Research and Innovative Ideas in Education,SSN (O): 2395-4396, Paper ID: 11326, Jan. 2020.
7. Paper Title: MCFSP: Mining Closed Frequent Similar Patterns Authors: Mr. Ramesh N. Koppar International Journal of Advance Research and Innovative Ideas in Education,ISSN (O): 2395-4396, Paper ID: 11326, Jan. 2020.
8. Paper Title: Public Auditing Scheme for Cloud Data Integrity Verification.Authors: Mr. Shivarajkumar Hiremath Springer Indexed International Conference on Innovative DataCommunication Technologies and Applications (ICIDCA-2019), Coimbatore, pp. 237-246, Oct. 2019.
9. Mrs.Prathima Mahapurush Organized GeeksLAB : Hands-on Workshop on "Internet of Things" in association with AIESEC, IIT-Delhi Date: 25th – 26th Feb 2019.
10. Department of ISE organized association reopening function and technical talk on ‘Current Trends in IT Industry’ on 27-08-2019 at Civil Seminar Hall of SKSVMACET, Lakshmeshwar.

Staff Achievements 2020-21

1. Mr.Bhargav H. Kuri has been honoured with “Kannada Seva Ratna Award”from

Kannada Sahitya Parishat, Bangalore for his outstanding contribution towards kannada literature.

2. Dr. Dattatreya P. Mankame has been promoted as Vice Principal with effect from 17-02-2020.
3. Mr. Ramesh N. Koppar completed PHD Comprehensive VIVA-VOCE Examination on 5th Feb 2020.
4. Mr. Bhargav H. K has been nominated as Member of Journal of Action Research for Social Development.(Publication of Sri. Siddhartha Academy of Higher Education, Tumkuru,Karnatka, India).
5. Dr. Dattatreya P. Mankame has been appointed as Nodal Officer-Special Cell for COVID- 19 Pandemic on 05-05-2020.
6. Dr. Dattatreya P. Mankame has been nominated as Editorial Manager (EM) for reviewing Elseveir's Journal
7. Mr. Bhargav H.K has been nominated as member of popular Technical Education book Series-Selection Committee of VTU, Belagavi.
8. Paper Title: IOT Based Anti-poaching Alarm System for Valuable Tress.Authors: Ms. Rajeshwari Banni, Ms. Pooja Baraddi Journal: International Journal of Engineering Research & Technology Volume 9, Issue 5, May 2020.
9. Paper Title: Optimization Driven Deep Convolution Neural Network for Brain Tumor Classification Authors: Dr Dattatreya P Mankame Journal: International Journal of Bio-cybernetics and Biomedical Engineering, Accepted for SCI, Elsevier, Impact factor: 2.159, July 2020.
10. Paper Title: Tutors Cloud Authors: Mrs.Kirthishree K, Ms.Anusha Maladkar, Ms.Reshma Dani, Ms. Shilpa Appaji Journal: International Journal of Advanced Research in Information Engineering, ISSN(o) - 2395-4396, vol-6, issue 3, July 2020.
11. Paper Title: IOT Based Green House Monitoring and Controlling using Aurdino Uno. Authors: Mrs. Pratima mahapurush, Ms. Shwetarani K, Ms. Akshata B, Ms. Meghana B Journal: International Journal of Futures and Development (IJFRD), vol-1, issue 3, July 2020.
12. Paper Title: IOT based Air and Sound Pollution Monitoring System. Authors: Ms. Afreenbanu G, Ms. Aishwarya M Journal: International Journal of Research and Analytical Reviews Volume 7, Issue 3 July 2020.
13. Patents Filed: Title of the Invention: "ARTIFICAL INTELLIGNCE IOT BASED

EYE GAZE CONTROLLED ROBOT FOR PERSON WITH DYSARTHRIA".

Application No.:202041054189

Date of filing of Application:14/12/2020

14. Mr. Shivanandaswamy V. Mahapurush, Mrs. Prathima Mahapurush, Dr. Priyatamkumar presented the paper on the topic titled, "Design & development of efficient carrier aggregation algorithm for the LTE system under scale able node density to maximize network performance" 3-Day International Virtual Conf. on Recent Trends in Electronics, Telecommunications, Instrumentation Engg.," from 7th to 9th of Dec. 2020 organized by Departments of ECE. Dayanand Sagar College Of Engineering Bangalore-560078, Karnataka, India.

Staff Achievements 2021-22

1. Shivanandaswamy V. Mahapurush ,Prathima Mahapurush , Priyatam Kumar "Development of an Efficient Carrier Aggregation Algorithm for the LTE System under Scalable Node Density to Maximize the Network Performance" Journal of Switching Hub, Volume-5, Issue-3 September-December, 2020. https://doi.org/10.46610/JoSH.2020.v05i03.003
2. Shivanandaswamy V. Mahapurush, Prathima Mahapurush, Priyatam Kumar "LTE: Optimize the Radio Access to Minimize the Delay between the Participating Nodes" Journal of Telecommunication Study, Volume-6, Issue-1 January-April, 2021.

   https://doi.org/10.46610/JTS.2021.v06i01.001
3. Shivanandaswamy V. Mahapurush, Prathima Mahapurush, Priyatam Kumar "Link Scheduling Algorithm to Mitigate Worst-Case Interference Problems for LTE-A" International Journal of Advanced Trends in Computer Science and Engineering, Volume 10, No.3, May - June 2021. ISSN 2278-3091.

   https://doi.org/10.30534/ijatcse/2021/481032021
4. Patents Filed: Title of the Invention: "ARTIFICAL INTELLIGNCE IOT BASED EYE GAZE CONTROLLED ROBOT FOR PERSON WITH DYSARTHRIA".

   Application
   No.:202041054189
   Publication Date :
   17/06/2022
5. On 2nd Aug 2021, junior students of ISE organized farewell function for outgoing

students, and it is named as "Vigama 2021".

6. ISE dept is conducted Farewell function "Sandizya-2K22" to outgoing students on 8th July 2022.

Staff Achievements 2022-23

1. Naveen N. M., Rajesh Yakkundimath, Girish Saunshi, and Mahantesh C. Elemmi, Parashuram Baraki. "A comparative analysis of paddy crop biotic stress classification using pre-trained deep neural networks." *Artificial Intelligence in Agriculture*, Vol. 6, Pages 167–175, 2022.

   DOI: https://doi.org/10.1016/j.aiia.2022.09.001

2. Naveen N. M., Mahantesh C. E., Girish S., Rajesh Y., Paddy variety identification from field crop images using deep learning techniques, Int. J. of Computational Vision and Robotics, 2022 DOI:10.1504/IJCVR.2022.10047193

3. Mr. Ramesh N Koppar* & Dr. Ramesh D. (2022). Novel Algorithms for Maximal Frequent Pattern Mining. *Journal of Optoelectronics Laser*, *41*(7), 449–455.

4. ISE dept staff members Mr. Shivaraj Hiremath, Mr. Chadru Jathar & Mr. Kiran Ankalakoti involved in the College promotional activities at DH education expo at Hubli on 9th and 10th July 2022.

5. ISE Dept Conducted Final Year Project Exhibition on 15th July 2022.

Staff Achievements 2023-24

1. Mrs.Prathima Mahapurush Conducted Quiz -How to track interview questions on Java for 3rd semester students Dated 01-02-24.

2. Electoral Literacy Club & ISE Dept jointly organized AICTE activity on Election Awareness Program. All 7th sem ISE students helped first year students in registering their names in Electoral list for new Voter ID through Voters Helpline App.

3. Dr. Rajashekhar K Presented a paper titled Impact of on-node Adaptive Compressive Sensing technique on performance of SIMPLE and M-ATTEMPT routing protocols in WBAN in First International Conference on Multi-disciplinary Research Trends on Engineering and Research (ICMRTET-2024) held at SKSVMACET, Lakshmeshwar.

4. Dr. ShivrajKumar Hiremath Attended FDP on Cloud Practitioner (AWS) at REC, Hulkoti from 03-03-2024 to 06-03-2024.

5. Mr. Shambulingappa H S from Smt. Kamala and Sri Venkappa M Agadi College of Engineering and Technology, Lakshmishwar has participated and successfully completed the 3-day Face-to-Face FDP on the theme “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education (AICTE) at Vidyavardhaka College of Engineering, Mysuru from 7th September to 9th September 2023.
6. Ms Kavita G Attended FDP on ON “RECENT TRENDS IN ENVIRONMENTAL ENGINEERING” at SKSVMACET, Laxmeshwar From 21/11/2023 24/11/2023.
7. Ms Kavita G Attended workshop At SKSVMACET ON ENTERPRENEURSHIP SKILL From 26/12/2023 to 27/12/2023.
8. Dr. Rajashekhar K Invited talk on Signal Processing for five days National FDP on Emerging Trends in signal Processing, Image Processing and Artificial Intelligence on 13.9.2023
9. Mr. shambhulingappa H S As a resource Person Presented one day Technical Seminar on “Artificial Intelligence and Machine Learning” on 01-03-2024. At CB Kolli Polytechnic Haveri.
10. Vivek T. Patil, Dr Prashanta G. R, Dr. Rajashekar Kunabeva, “Design & Development of Hybrid Algorithms for Glaucoma Detection in Humans–using Multi-Stage Discrete Wavelet Transform (3 Levels) & Principal Component Analysis”, Journal of Basic Science Engineering (Q3), Vol. 21, No. 1, July 2024, ISSN: 1005-0930, https://doie.org/10.0824/Jbse.2024333413
11. Vivek T. Patil, Dr Prashanta G. R, Dr. Rajashekar Kunabeva, “Design & development of hybrid algorithms for glaucoma detection in humans–using local binary pattern (LBP) & the local multi-level binary pattern (LMBP)”, Journal of Basic Science Engineering (Q3), Vol. 21, No. 1, Aug 2024, ISSN: 1005-0930, https://doie.org/10.0824/Jbse.2024877383
12. Shashidhar PK, Thanuja TC, Kunabeva R (2024), “Adaptive RPL Routing Optimization Mode for Multimedia Data Transmission using IOT”, Indian Journal of Science and Technology ,17(5): 436-450, ISSN: 0974-5645, https://doi.org/10.17485/IJST/v17i5.2627
13. Dr. ShivarajKumar Hiremath published User Centric Auditing System for Cloud Data Security with Privacy Preserving and Data Dynamics”, Advanced Engineering Science”, Volume 56, Issue 4, pp. 4591-4611, April 2024. ISSN 2096-3246.
14. Dr. ShivarajKumar Hiremath published An Effective Auditing Framework to Confirm

Data Confidentiality and Integrity in Cloud Data Storage", Journal of Basic Science and Engineering", Volume 21, No.1, June 2024 , pp.429-438, ISSN: 1005-0930

15. Dr. Rajashekhar K published on 14/06/2024 by Indian Patent Office Safe guarding Power Grids with fault-tolerant monitoring and control, Application No.202421037082.
16. Dr. Rajashekhar K published on 31/05/2024 by Indian Patent Office Advancing Electric Mobility with smart grid -integrated charging Solutions, Application No.202421035965.
17. Dr. Rajashekhar K Co-authored of book titled Electric and Hybrid Vehicles and published on 06.08.2024 with ISBN:978-93-341-0568-1

Staff Achievements 2024-25

1. Dr. Rajashekar Kunabeva attended a one-day Innovation & Entrepreneurship Outreach Program organized by the Department of Electronics, IT, and Biotechnology, Government of Karnataka, and hosted by IIIT Dharwad on 23rd June 2025 at IIIT, Dharwad.
2. Dr. Rajashekar Kunabeva attended a five-day Faculty Development Program (FDP) on Innovation and Entrepreneurship, organized by Krishik Agri-Business Incubator, UAS Dharwad, in collaboration with AICTE and MIC, New Delhi, held from 24th to 28th March 2025.
3. Dr. Rajashekar Kunabeva attended an online Faculty Development Programme on "Cyber Security", organized by the Department of Computer Science and Engineering, Faculty of Technology, Veer Madho Singh Bhandari Uttarakhand Technical University, Dehradun, Uttarakhand, held from 6th to 10th January 2025.
4. Dr. Shivarajkumar Hiremath participated in a five-day Faculty Development Program (FDP) on "Emerging Trends in Image Processing using AI", held from 17th to 21st February 2025 at SJMIT, Chitradurga.
5. Dr. Shivarajkumar Hiremath participated in a five-day Faculty Development Program (FDP) on "Integrating Cybersecurity in Higher Education", held from 1st to 5th July 2025 at SKSVMACET, Lakshmeshwar.
6. Mrs. Prathima Mahapurush participated in Three-Day Online FDP on "Connecting Tradition and Innovation: A Faculty Exploration of Indian Knowledge Systems" organized by the Department of Artificial Intelligence & Data Science and Department

of Electronics & Communication Engineering, GSSSIETW, Mysuru from 3rd to 5th March 2025.

7. Mr. Shambulingappa H. S. participated in a one-week Faculty Development Program (FDP) on “Advanced Cyber Security Course”, held from 2nd June to 7th June 2025 at VTU, Belagavi.
8. Mr. Ravikumar Babu Chawan participated and successfully completed the AICTE Training and Learning (ATAL) Academy Faculty Development Program on “Advancing Frontiers in Super Computing, AI, and Quantum Computing: Innovations, Applications, and Integration”, held at GM Institute of Technology, Davangere, from 9th to 14th December 2024.
9. Mr. Ravikumar Babu Chawan participated in a five-day Faculty Development Program (FDP) on “Emerging Trends in Image Processing using AI”, held from 17th to 21st February 2025 at SJMIT, Chitradurga.
10. Ms. Mamata V. R. attended the Faculty Development Program titled “Integrating Cyber Security in Higher Education: FDP 2025”, organized by the Department of Computer Science and Engineering, held from 1st to 5th July 2025 at SKSVMACET, Laxmeshwar.
11. Dr. Rajashekar Kunabeva, Professor and Head, Department of ISE, was invited as the Resource Person for an invited talk on "Innovation and Entrepreneurial Mindset" held on 25th September 2024 at AGMR Engineering College, Varur, Karnataka.
12. Dr. Rajashekar Kunabeva was granted a design patent for the Artificial Intelligence-Based Stress Detection Device on 2nd January 2025.
13. Dr. Shivarajkumar Hiremath successfully presented the paper entitled “Identification of Image Noise using PNN” at second ICMRTET 2025 held at SKSVMACET, Lakshmeshwar on March 27th and 28th 2025.
14. Mrs. Prathima Mahapurush guided the project titled “HEALTH WINGS: Smart Navigation and Gesture-Controlled Medical Drones”, selected under the 48th Series of the Student Project Programme (SPP) 2024-25. The project has been chosen for the State Level Exhibition to be held at Jawaharlal Nehru New College of Engineering, Shivamogga, on 1st and 2nd August 2025.
15. Mrs. Prathima Mahapurush successfully presented the paper titled “HEALTH WINGS – Smart Navigation and Gesture-Controlled Medical Drones” at the 2nd ICMRTET 2025, held at SKSVMACET, Lakshmeshwar, on March 27th and 28th, 2025, and secured 1st prize for the best paper presentation.

16. Mr. Ravikumar B. Chawan successfully presented a paper titled "An Innovative Method for Identifying Quality Rice Grains through Image Processing Utilizing the Canny Edge Detection Algorithm" at the 2nd ICMRTET 2025, held at SKSVMACET, Lakshmeshwar, on 27th and 28th March 2025.

Staff Achievements 2025-26

1. Mrs. Prathima Mahapurush, Assistant Professor, Department of Information Science and Engineering, SKSVMACET, Laxmeshwar, participated in a 6-Day National Level Faculty Development Programme (FDP) on "Integrating Research, Innovation and Evidence-Based Practice in Higher Education", held from 6 to 13 April 2026, organized by Dr. D. Y. Patil School of Allied Health Sciences, Pune, in collaboration with A.C.T Academy, Palakkad, Kerala. Certificate Ref. No.: 2026/ACT/DPU/147, issued on 17 April 2026.
2. Mrs. Prathima Mahapurush, Assistant Professor, participated in a three-day online Faculty Development Programme (FDP) on "Research Frontiers in Artificial Intelligence, Machine Learning & Deep Learning," organized by the Department of Computer Science and Engineering, Moodlakatte Institute of Technology, Kundapura, from 31 July 2025 to 2 August 2025.
3. Mr. Ravikumar Chawhan participated in the FDP on High-Performance Computing, conducted in offline mode from 15th to 19th September 2025 at VTU, Belagavi.
4. Mr. Ravikumar Chawhan participated in the Faculty Enablement Program on AI & Gen AI for All, conducted in offline mode from 8th to 9th January 2026 at Infosys Springboard, Hubballi.
5. Mr. Ravikumar Chawhan participated in the FDP on Cyber Security and Digital Ethics for Global Safety, conducted in online mode from 23rd to 27th February 2026 at Vishwakarma Institute of Technology, Pune.
6. Mrs. Prathima Mahapurush published a paper titled "Artificial Intelligence Model for Precise Cervical Cancer Cell Boundary Denoising and Segmentation with Adaptive Wavelet-Spectral Enhancement" in the International Journal of Advances in Intelligent Informatics, a Scopus-indexed Q3 journal (ISSN: 2442-6571).
7. Mrs. Prathima Mahapurush published a paper titled "Healthcare Cloud Portal: A Secure Patient-Doctor Information Management System" at the 3rd International Conference on Multi-Disciplinary Research Trends in Engineering and Technology 2026, held at SKSVMACET, Laxmeshwar, Karnataka, on 25th and 26th March 2026, in the Asian

Journal of Convergence in Technology, Volume XII, Issue I, pp. 342–343.

8. Mrs. Prathima Mahapurush published a paper titled "Recipe Explorer: An AI-Powered Personalized Recipe Recommendation System Using Google Gemini Generative AI" at the 3rd International Conference on Multi-Disciplinary Research Trends in Engineering and Technology 2026, held at SKSVMACET, Laxmeshwar, Karnataka, on 25th and 26th March 2026, in the Asian Journal of Convergence in Technology.
9. Mr. Shambulingappa H. S. successfully presented a research paper titled "Bilevel Virtual Platoon-Based Coordination Framework for Connected Autonomous Vehicles at Unsignalized Intersections" at the 3rd International Conference on Multi-Disciplinary Research Trends in Engineering and Technology (ICMRTET-2026), held at SKSVMACET, Laxmeshwar, on 25th and 26th March 2026.
10. Mr. Shambulingappa H. S. successfully presented a research paper titled "A Patient-Centered Evaluation of AI in Healthcare for Diabetes" at the 3rd International Conference on Multi-Disciplinary Research Trends in Engineering and Technology (ICMRTET-2026), held at SKSVMACET, Laxmeshwar, on 25th and 26th March 2026.
11. Mr. Ravikumar Chawhan successfully presented a paper titled, "Stock Market Analysis and Forecasting using Machine Learning.," co-authored with Dr. Parashuram Baraki, at the 3rd International Conference on Multi-Disciplinary Research Trends in Engineering and Technology 2026, held at SKSVMACET, Laxmeshwar, Karnataka, on 25th and 26th March 2026. The paper was published in the Asian Journal pp.331-334.
12. Mr. Ravikumar Chawhan successfully presented a paper titled, "Waste Segregation through AI.," co-authored with Basavaraj M. Shirahatti, Ganesh B Halkeri, Prajwal Kadadi, Rahul A Kumbar, at the 3rd International Conference on Multi-Disciplinary Research Trends in Engineering and Technology 2026, held at SKSVMACET, Laxmeshwar, Karnataka, on 25th and 26th March 2026. The paper was published in the Asian Journal of Convergence in Technology, pp. 145-147.
13. Mr. Ravikumar Chawhan successfully presented a paper titled, "Edge AI for Real-Time Sign Language Translator" co-authored with Shivaraj Yaliwal, Akash P. Chandai, Iranna Jakkali, Puneet Akki, at the 3rd International Conference on Multi-Disciplinary Research Trends in Engineering and Technology 2026, held at SKSVMACET, Laxmeshwar, Karnataka, on 25th and 26th March 2026. The paper was published in the Asian Journal of Convergence in Technology, pp. 151–153.
14. Mr. Ravikumar Chawhan successfully presented a paper titled, "Internet of Things

(IoT) in Healthcare: Applications, Challenges, and Future Prospects" co-authored with S. V. S. Padmini, at the 3rd International Conference on Multi-Disciplinary Research Trends in Engineering and Technology 2026, held at SKSVMACET, Laxmeshwar, Karnataka, on 25th and 26th March 2026. The paper was published in the Asian Journal of Convergence in Technology, pp. 59-61.

15. Mrs. Ashwini Gouripur successfully presented a paper titled, "Fake News Detection Using Web Scraping," co-authored with Ashwini Bhavi, Sujata Hadapad, Tanuja Patil, and Madhushri S, at the 3rd International Conference on Multi-Disciplinary Research Trends in Engineering and Technology 2026, held at SKSVMACET, Laxmeshwar, Karnataka, on 25th and 26th March 2026. The paper was published in the Asian Journal of Convergence in Technology, pp. 148–150.
16. Mrs. Ashwini Gouripur successfully presented a paper titled, "Skin Disease Detection Using Machine Learning," 3rd International Conference on Multi-Disciplinary Research Trends in Engineering and Technology 2026, held at SKSVMACET, Laxmeshwar, on 25th and 26th March 2026.
17. Mr. Ravikumar Babu Chawhan successfully completed the NPTEL Online Certification Course on "Cloud Computing", conducted from January to April 2026.