

Books/Book Chapter published

Sl.No	Name of the author	Title of the Book	Year of publication	Publisher
1	Dr. Sangeeta Patil	Didital Pedagogy	2026	JVK Publications
2	Dr. Anuradha Patil Mrs. Geeta M Mrs. Shivleela R Mrs. Ratnamala S.Patil	Real-Time Vision Based Hand Gesture Recognition	2026	Shaswat Publication
3	Dr. Nagaveni K Mrs. ShivganagaPatil Dr.ShilpaShrigiri	Digital Electronics	2025	Scientific International Publishing
4	Dr. AnuradhaPatil Dr. Basanti Ghanti	Data science and data Visualization	2024	Scientific International Publishing
5	Dr. AnuradhaPatil	AI and IoT based intelligent health care and sanitation Chapter 18: Classification and Diagnosis of Alzheimer's disease using Magnetic resonance imagining	2023	Bentham Publications
6	Dr. AnuradhaPatil	Fundamentals of Embedded Programming	20/07/2022	Notion Press

Publications

Table5.8.1.6: Details of Publications in National/ International journals during assessment year

Sl.No	Paper title	Name of the faculty	Journal	Year of publication	Link to paper	Indexing
2025-26						
1	Accelerating neural Representation learning Through enhancedinr-based network architecture for efficient compression	Mrs. Shivganga Patil, Dr. Lakshmi Patil	Journal of harbin institute of technology	2026	https://hebgydxxb.periodicals.com.cn/index.php/JHIT/article/view/228/240	Scopus (Q3)
2	High-Fidelity Medical Image and Video Compression via Implicit Neural Representations	Mrs. Shivganga Patil, Dr. Lakshmi Patil	Vascular and Endovascular Review (VER)	Nov 2025	https://verjournal.com/index.php/ver/article/view/650	Scopus (Q2)

	Enhanced with Model-Agnostic Meta-Learning					
3	Adaptive deformable feature augmentation and refinement network for scene text detection and recognition	Mrs. Ratnamala S.Patil	International Journal of Artificial Intelligence	Feb 2026	https://ijai.iaescore.com/index.php/IJAI/article/view/26780	Scopus (Q2)
4	Probabilistic Sampling and Deep Neural Encoder-Decoder Network for Advancing Scene Text Recognition on Irregular Datasets	Mrs. Ratnamala S. Patil	Multimedia Tools and Applications	Feb 2026	https://link.springer.com/article/10.1007/s11042-026-21237-2	Springer (Q1)
5	Enhancing Brain-Tumor Imaging Using a Robust Deep-Learning Approach for Noise Removal and Image Clarity	Mrs. Shruti V H Dr. Lakshmi Patil	Engineering, Technology & Applied Science Research	2026	https://www.etasr.com/index.php/ETASR/article/view/15294	Scopus (Q2)
6	Face recognition framework using generative AI integrated with maximum entropy regularized decision transformer and crayfish optimization algorithm	Dr. Lakshmi Patil	International Journal of Applied Mathematics	Aug 2026	https://ijamjournal.org/ijam/publication/index.php/ijam/article/view/1673/1521	Scopus (Q2)
7	A noise-aware convolutional neural network for noise reduction and resolution enhancement in chest X-ray images	Mrs. Laxmibai	Engineering, Technology & Applied Science Research	2026	https://etasr.com/index.php/ETASR/article/view/15045	Scopus (Q2)
8	A hybrid deep learning feature extraction and transfer learning based approach for respiratory disease diagnosis	Mrs. Laxmibai Dr. Lakshmi Patil	Journal of intelligent Decision Making and Information Science	2026	https://www.jidmis.org/index.php/jidmis/article/view/468/72	Scopus (Q1)
9	A deep learning pixel coordination transformer approach with multi-head attention for brain tumor segmentation	Mrs. Shruti V H Dr. Lakshmi Patil	Journal of intelligent Decision Making and Information Science	2026	https://www.jidmis.org/index.php/jidmis/article/view/470	Scopus (Q1)
10	Design and Development of a 4-DOF Robotic Arm for Object Manipulation	Dr. Sangeeta Patil Ms. Laxmi S Ms. Akkamahadevi Ms. Bhagyashree Ms. Pooja	International journal of scientific research in engineering and	June 2026		Others

			management (IJSREM)			
2024-25						
1	Multi Model centric facial expression recognition using improved Coati Optimization based exponential linear gated recurrent unit with layer normalization	Mrs. Laxmipatil Dr. Lakshmi Patil	Journal of Computational Analysis and Applications	Aug 2024	https://eudoxuspress.com/index.php/pub/article/view/2352	Scopus
2	Classification of Diabetic Retinopathy Using Optimization Driven Automated Self-Feature Selected Light Gradient Boosting Mechanism	Mrs. Shobana Dr. Lakshmi Patil	Sensing and Imaging	March -2025	https://rdcu.be/edlvvg	Springer
3	Real time implementation of downlink orthogonal frequency division multiplexing based non-orthogonal multiple access transceiver using NI USRP platform	Mrs. VanitaKaba	International Journal of Electrical and Computer Engineering	Aug-24	https://ijece.iaescore.com/index.php/IJECE/article/view/35180/17576	Scopus
4	Enhanced Medical Image Reconstruction Using Deep Learning Classification: A High-Resolution, Noise Resilient Approach	Mrs. ShivgangaPatil Dr. Lakshmi Patil	International Journal of Communication Networks and Information	Sept-24	https://www.ijcnis.org/index.php/ijcnis/article/view/6896	Scopus
5	Enhanced scene text recognition using deep learning based hybrid attention recognition network	Mrs. RatnamalaS.Patil	International Journal of Artificial Intelligence	Dec-2024	https://doi.org/10.00159/ijai.v13.i4.pp4927-4938	Scopus (Q2)
2022-23						
1	Multimodal facial expression recognition using different architecture models- a survey	Mrs. Laxmi and Dr. Lakshmi Patil	https://machineintelligenceresearch.com/	Jan-23	https://machineintelligenceresearch.com/pdf/9879.pdf	Scopus
2	A Novel Approach for Enhancing the Real Time Age and Gender Prediction Using CNN	Mrs. BhavaniBiradar and Dr. ShilpaShrigiri	International Journal of Creative Research Thoughts	Aug-22	https://ijcrt.org/papers/IJCRT2208280.pdf	UGC
3	PAPR Reduction by Using DCT and IDCT Techniques	Mrs. VishalakshiPatil	IJS DR, Volume 7 Issue 8 .	22-Aug	https://www.ijdsr.org/papers/IJS DR2208	UGC

					063.pdf	
4	Design and Execution of Face Recognition System by using Genetic Algorithm	Dr. Lakshmi Patil	Mathematical Statistician and Engineering Applications	Aug-2022	https://doi.org/10.17762/msea.v71i4.573	Scopus
5	A Robust Algorithm for Face Detection on Unconstrained Background Images using Neural Network	Dr. Lakshmi Patil	Mathematical Statistician and Engineering Applications	Sept-2022	https://doi.org/10.17762/msea.v71i4.711	Scopus

Table 5.8.1.6: Details of Publications in Conferences during assessment year

SLNo	Paper title	Name of the faculty	Journal/Conferences	Year of publication	Link to paper	Indexing
2025-26						
1	Advanced Rider Safety system	Dr. Nagaveni	ijert	Jun 2026		
2	Exploratory data analysis of diabetes dataset using python	Dr Basanti Ghanti, Sakshi Betgeri	International Educational Journal of Science and Engineering (IEJSE)	Jun 2026	https://iejse.com/journals/index.php/iejse/article/view/295	
3	Automated vulnerability scanner using python	Dr. Basanti Ghanti, Ms. Sakshi Kadaganchi, Ms. Sakshi Sappani, Ms. Ranjeeta Pawar, Ms. Priya Goudanguru	International Educational Journal of Science and Engineering (IEJSE)	Jun 2026	https://iejse.com/journals/index.php/iejse/article/view/297	
4	Mobile application development for regional transport office (rto) services using python	Ms. Vrishti Dr Basanti Ghant	International Educational Journal of Science and Engineering (IEJSE)	Jun 2026	https://iejse.com/journals/index.php/iejse/article/view/313	
5	Farmer Ai Assistant: A Multilingual Smart Farming And Shared Economy Chatbot For Indian Farmers	Ms. Syeda Sakina Bibi Dr. Basanti Ghanti	International Educational Journal of Science and Engineering (IEJSE)	Jun 2026	https://iejse.com/journals/index.php/iejse/article/view/314	

6	CI/CD pipeline simulator: a browser-based framework for interactive develops education and deployment workflow visualization	Ms.Vrishti Dr Basanti Ghant	International Educational Journal of Science and Engineering (IEJSE)	Jun 2026	https://iejse.com/journals/index.php/iejse/article/view/319	
7	Coin Sorting Machine Using Arduino	Dr. Ratnamala S.Patil Mrs. Shreeya Mrs. Srushti Mrs. Shreya Mrs. Priyanka	International Educational Journal of Science and Engineering (IEJSE)	Jun 2026	https://iejse.com/journals/index.php/iejse/article/view/315	Other
	Automatic plant watering system using arduino	Dr. Sangeeta Patil Ms. Akshata Ms. Bhuvaneshwar i Ms. Divya p Ms. Krishnaveni	International Conference on Emerging Technologies in Computing, Artificial Intelligence ,Information Systems and Cyber Security (ICETAI-2026)	Apr 2026		
8	Arduino based smart blind stick for virtually impaired	Dr. Nagaveni K	International Conference on Emerging Technologies in Computing, Artificial Intelligence ,Information Systems and Cyber Security (ICETAI-2026)	Apr 2026		
9	Design of a simple RADAR system using arduino and ultrasonic sensor for short range detection	Mrs. Laxmi Patil	International Conference on Emerging Technologies in Computing, Artificial Intelligence ,Information Systems and Cyber Security (ICETAI-2026)	Apr 2026		
	AI-Based Battery management system for electric vehicles	Mrs. Geeta M	International Conference on Emerging Technologies in Computing,	Apr 2026		

			Artificial Intelligence ,Information Systems and Cyber Security (ICETAI-2026)			
10	DCAAtCM: Distributed Learning-based Cris-Cross Attention enabled Deep Learning Model for Diabetic Retinopathy Detection	Dr. Lakshmi Patil		April 2026		Other
11	Peak to average power ration in OFDM system	Mrs. Ambika Patil Dr. Shilpa Patil	International Conference on Wireless Communication and Internet of Everything	Feb 2026		Elseiver
12	TechMate: An AI-powered Voice –Driven Learning Assistant for Classrooms.	Mrs. Laxmi Patil Ms. Shreya Venkatesh, Ms. Vaishnavi Shendre, Ms.Vajreshwari,	Smartworld 2025 thirs international conference on intelligent systems in mechanical, civil, electronics, computer, science and management	Dec 2025		
13	Drone based delivery system	Mrs. Shivleela Revoor Ms. Aishwarya Ms. Kaveri	Smartworld 2025 thirs international conference on intelligent systems in mechanical, civil, electronics, computer, science and management	Dec 2025	https://irjaeh.com/index.php/journal/article/view/1189	
14	Gesture controlled robot using accelerometer sensor	Dr. Anuradha Patil	Smartworld 2025 thirs international conference on intelligent systems in mechanical, civil, electronics, computer, science and management	Dec 2025		
15	AI- Enhanced Intrusion Detection System for IoT Edge Networks	Dr. Anuradha Patil Arti Hilli Bhagyashree Allagi Mahadevi Bhagyashree Hayyal	International Research Journal on Advanced Engineering and Management	Dec 2025	https://www.researchgate.net/publication/399119685_AI-Enhanced_Intrusion_Detection_System_for_IoT_Edge_Networks	Others
16	NeuroFlex - A Smart Glove Rehabilitation Device for	Dr. Lakshmi Patil	Indian Journal Of Technical Education,	March 2026	https://www.ijteonline.in/ass	

	Parkinson's Disease	Ms. Vaishnavi Anil Takle Ms. Soumya Chandrakanth Ms. Savitra	Vol 49 , Special Issue 1, No. 11 March 2026		ets/uploads/issue_pdf/1775323501.pdf	
17	Audio Streaming using Li-Fi	Dr. Lakshmi Patil	Indian Journal Of Technical Education, Vol 49 , Special Issue 1, No. 11 March 2026	March 2026	https://www.ijteonline.in/assets/uploads/issue_pdf/1775323501.pdf	
18	Cosine Convolutional Graph Neural Network with Crested Porcupine Optimizer for 127 Intrusion Detection in Wireless Network	Dr. Lakshmi Patil	Indian Journal Of Technical Education, Vol 49 , Special Issue 1, No. 11 March 2026	March 2026	https://www.ijteonline.in/assets/uploads/issue_pdf/1775323501.pdf	
19	Heart Attack Detection and Heart Rate Monitoring	Dr. Shilpa Shrigiri	Indian Journal Of Technical Education, Vol 49 , Special Issue 1, No. 11 March 2026	March 2026	https://www.ijteonline.in/assets/uploads/issue_pdf/1775323501.pdf	
20	Heating and Cooling Suit for Military People with Location Tracking	Dr. Nagaveni. K, Prof. Laxmi Patil, Ms. Suchita, Ms. Shreenidhi Desai	Indian Journal Of Technical Education, Vol 49 , Special Issue 1, No. 11 March 2026	March 2026	https://www.ijteonline.in/assets/uploads/issue_pdf/1775323501.pdf	
21	Concept of usage of Piezoelectric Ceramic PZT5H materials in the Suspension System of Electric Vehicles to Produce Electricity	Dr. Nagaveni. K	Indian Journal Of Technical Education, Vol 49 , Special Issue 1, No. 11 March 2026	March 2026	https://www.ijteonline.in/assets/uploads/issue_pdf/1775323501.pdf	
22	A Novel Approach to Crop Prediction Using Advanced Machine Learning Techniques	Ms. Fatima Begum, Mrs. Shivganag Patil, Mrs. Laxmi Patil	Indian Journal Of Technical Education, Vol 49 , Special Issue 1, No. 11 March 2026	March 2026	https://www.ijteonline.in/assets/uploads/issue_pdf/1775323501.pdf	

2024-25

1	IoT – Based Smart Assistant Robot for Autonomous Navigation	Mrs. Laxmi Patil Ms. Vaishnavi Ms. Savitra Ms. Soumya Ms. Shivani Vamma	Advancement of signal processing and its application. Vol 8. I 3	Dec 2025	http://hbrppublication.com/OJS/index.php/ASPIA/article/view/8279	Other
2	Wireless solar electric vehicle charging system	Mrs. Rekha Patil Ms. Bhagyashree Jangle Ms. Mariyam Tasmiya Ms. Munaza Fatima Ms. Pooja Jadav	Journal of Scientific Research and Technology	June 2025	https://www.jsrtjournal.com/index.php/JSRT/article/view/233	Other
3	Down Link: Error Rate analysis of Joint Transmit scheme supported coded	Dr. Asharani Patil	International Conference on Radio	July 2025	https://ieeexplore.ieee.org/document/11085	Scopus

	Multi-carrier CDMA System for Time –Varying Channels		Frequency Communication and Networks (RFCoN)		156	
4	Pre-Paid Electric Energy Meter with Theft Alert	Mrs. AmbikaPatil Ms. NidaMuskanBangi Ms. PadmashreeSajjan Ms. Nayana Ms. BhavanaNaste	Journal of Research and Advancement in Electrical Engineering Vol 8, I 3	Sept-2025	https://doi.org/10.5281/zenodo.15772135	Other
5	Flowmate Real Time Drip Mointoring and Automatic Refill System	Dr. AnuradhaPatil Ms. Syeda Benazir Khan Ms. Uzba Ms. ShwetaPatil Ms. SindujaPatil	Journal of Research and Advancement in Electrical Engineering Vol 8, I 3	Sept-2025	https://zenodo.org/records/16024301	Other
6	EcosortIoT Based segregation and monitoring system	Dr. AnuradhaPatil Ms. Syeda Benazir Khan Ms. Uzba Ms. ShwetaPatil Ms. SindujaPatil	Journal of Research and Advancement in Electrical Engineering Vol 8, I 3	Sept-2025	https://hbrppublication.com/OJS/index.php/JRAEE/article/view/8149	Other
7	Agricultural Crop Recommendation System Using IoT and ML	Mrs. Shruti H Ms. Sameena F Ms. SoumyaShinde Ms. Veena V	International Journal For Reseaech in applied Science and Engineering Technology V13 I5	May 2025		Other
8	A vision based smart medical robot for prelimnary monitoring without physical interaction	Ms. ShwetaBiradar Ms. Swati Ms. VarshaPattankar Ms. Vaishnavi Math Ms. SadanaDeshmukh	International Research Journal of Engineering and Tevhnology (IRJET)	June 2025		Other
9	Multifunctional Agricultural Robot	Mrs. Neelambika Ms. SakshiChavan Ms. Shardha Ms. Vaibhavi Ms. Bhavana	Journal of Scientific Research and Technology	July 2025	https://jsrtjournal.com/index.php/JSRT/article/view/252	Other
10	Portable Ventilator using Ambu Bag for Patient care and Mobility	Dr. Vanita k Ms. Ratnashree Ms. Shweta Ms. Vaishnavi	Journal of Scientific Research and Technology	June 2025		Other
11	Comparative Study of Performance of Arduino UNO, Raspberry Pi Pico and Node MCU (ESP8266) for Developing Real TimeRemote and Proximity Control Device in Industry	Dr. BasantiGhanti Ms. Chitra C. B Ms. Amulya E B Ms. Bhagyashree S.B		Dec 2025	https://doi.org/10.5281/zenodo.15806217	Other

12	A survey on Developments in Quantum Communication Networks	Dr. Basanti Ghanti Ms. Shreya Venkatesh Ms. Vaishnavi Shendre Ms. Vajreshwari	Journal of Control Systems and its Recent Developments	Dec 2025	https://doi.org/10.5281/zenodo.15852354	Other
13	Automated IOT Sorting Solution with MQTT Connectivity and MYSQL Backend	Dr. Basanti Ghanti Ms. Shakti Ms. Roopa Ms. Shivani Indi Ms. Sharanprabha	Journal of Control Systems and its Recent Developments	May 2025	https://doi.org/10.5281/zenodo.15373039	Other
14	Arduino Obstacle Avoiding Voice Control and Bluetooth Control Robot Car	Dr. Anuradha Patil Ms. Arti Halli Ms. Bhagyashree Allagi Ms. Laxmi Patil Ms. Jyoti Biradar	Research and Applications: Embedded System	May 2025	https://hbrppublication.com/OJS/index.php/RAES/article/view/7744	Other
15	LORA Based Agricultural Monitoring System	Mrs. Shobana Ms. Vijaylaxmi Ms. Sneha Ms. Vismaya Ms. Soujanya	Journal of VLSI Design and Its Advancement Vol 8. I2	May 2025	http://hbrppublication.com/OJS/index.php/JVDIA/article/view/7808	Other

2023-24

1	Design and Fabrication of Legged Agricultural Spray and Grass Cutting Robot by Solar	Dr. Shilpa Shrigiri Ms. Vijaylakshmi Ms. Ankita Ms. Simran Mr. Soundarya	International Journal of Innovative Research and Creative Technology	April 2024	https://www.ijrct.org/viewPaper.php?paperId=2502056	Other
2	Virtual Fencing Using Yolo Frame Work in an Agricultural Field	Mrs. Shruti Ms. Nilambika Ms. Bhumika Ms. Nikita Ms. Veena	International Journal of Innovative Research and Creative Technology	April 2024		Other
3	Solar Powered Automated Water Pollution Monitoring System	Mrs. Ambika Patil Ms. Bhagyashree Ms. Bhagyashree R U Ms. Boomika Ms. Bidve Shruti	International Journal of Innovative Research and Creative Technology	April 2024	https://www.ijrct.org/viewPaper.php?paperId=2502058	Other
4	Air Pollution Monitoring System	Mrs. Vanita k Ms. Sweta S Ms. Ashwini B Ms. Bhagyashree, Ms. Ranjita,	International Journal on Science and Technology	June 2023	https://www.ijrsat.org/research-paper.php?id=3441	Other

5	Study of Topologies, Power Converters and Control Techniques for the Dynamic Voltage Restorer	Dr. ShilpaShrigiri	International Conference on integrated intelligence and communication system	Feb-24	https://ieeexplore.ieee.org	Scopus
6	Enhancing Respiratory Disease Diagnosis through Deep Learning: A CNN-Based Approach for Image Classification	Mrs. Laxmibai R B	International Conference on Integrated Intelligence and Communication Systems	Feb-24	https://ieeexplore.ieee.org	Scopus
7	Revolutionizing Face Detection: VisionaryNet's Breakthrough in Unraveling Facial Complexity	Mrs. Nagaveni K	2024 2nd International Conference on Computer, Communication and Control	April 2024	https://ieeexplore.ieee.org	Scopus
8	Identification of Challenges and Limitations of Current Methods for Detection and Segmentation of Brain Tumor	Mrs. Shruti H, Dr. Lakshmi Patil	International Conference on Integrated Intelligence and Communication Systems	Feb-24	https://ieeexplore.ieee.org	Scopus
9	A study on diabetic retinopathy using deep learning algorithms	Mrs. Shobana K, Dr. Lakshmi Patil	International Conference on integrated intelligence and communication system	Feb 2024	https://ieeexplore.ieee.org	Scopus
10	DWT Approach Based on Analysis of Seizures in EEG Signal,	Mrs. SangeetaPatil	International Conference on integrated intelligence and communication system	Feb 2024	https://ieeexplore.ieee.org	Scopus
11	Analysis of Classical and Machine Learning Techniques in Cognitive Radio Network	Dr. Lakshmi Patil	International Conference on integrated intelligence and communication system	Nov-23	https://ieeexplore.ieee.org/abstract/document/10421255/	Scopus
12	Enhanced baby monitoring: IoT driven smart cradle system	Mrs. Vishalakshipatil	IRJET	Aug 2023		UGC
13	Design and Simulation of	Mrs. LaxmiPatil	IJIRCT	2022		UGC

	5G Multiband Antenna with Phase Shift Operation	Mrs. Shobana				
2022-23						
1	Multi-Tier Kernel for Disease Prediction using Texture Analysis with MR Images	Dr. AnuradhaPatil	International Conference on Edge Computing and Applications	Nov-22	https://ieeexplore.ieee.org/abstract/document/9936466	Scopus
2	Review on FPGA based Hybrid Image Fusion Model for CT & MRI Images	Mrs.Shruti H and Dr. Lakshmi Patil	Journal of Fundamental &Comparative Research Vol. VIII NO.1	Jul-23	https://zenodo.org/record/8112654	UGC
3	Hybrid Techniques for the Segmentation Infection with Covid-19 in the Lungs using CT Images	Mrs. Laxmibai R B	Journal of Fundamental &Comparative Research	Jul	https://zenodo.org/record/8112728	UGC
4	An imperative study of Efficient Image Processing Algorithms for Lung Cancer Detection , Segmentation and Classification: A Review	Mrs. Abhilasha A Patil	Journal of Fundamental &Comparative Research	Jul-23		UGC

Table 5.8.1.7: Details of patents published during assement period

Sl.No	Name of the faculty	Title	Application No.	Publication Date
2025-26				
1	Dr. Nagaveni K Dr. Vanita K Vishalakshi Patil Laxmibai Shruti V H Pushpa Patil	AI based early health risk prediction device	499700-001	
2	Mrs. Shivleela Dr. Basanti Ghanti Dr. Anuradha Patil	Multiband RF power amplifier with dynamic gain control for high fidelity signal transmission	202611048336	29/05/2026
2024-25				

1.	Mrs. Ratnamala S Patil	Document Image Classification	441931-001	25/12/2024
2	Dr. AsharaniPatil	Computer device for classroom education and data management	6441339	01/05/2025
2023-24				
1.	Dr. AnuradhaPatil Mrs. Geeta M Mrs. Shobana K Mrs. LaxmiPatil	Progressive Braille Learning Kit with interface	428729-001	2024
2	Mrs. ShivgangaPatil Mrs. Shruti V H Mrs. Laxmibai R B Mrs. Nagaveni K Mrs. PushpaPatil	A novel machine learning and deep learning approach to predict liver cirrhosis	202441010338	08/03/2024
3	Dr. AnuradhaPatil	Active noise cancellation earphone design	6356327	April -2024
4	Dr. AsharaniPatil	5G based wireless sensor network device for environment monitoring	418256-001	May 2024
5	Dr. ShilpaShrigiri	Intelligent robot for assisting human resource department	433340-001	Oct -2024
2022-23				
1	Dr. AnuradhaPatil	Early Fire and Smoke Detection System by Using Deep Learning and openCV	202241046274	26/08/2022
2	Mrs. Shobana K MrsLaxmiPatil	Machine learning based recognition of patients behavior using hand to mouth gesture to access their physical and emotional states in possible prediction using AI dataset	202231046149	19/08/2022
3	Dr. AnuradhaPatil	Credit card fraud detection using python and machine learning	202221047470	14/10/2022
4	Mrs .ShivgangaPatil	IoT and AI based smart health monitoring wrist device to connect doctor patient to assist immediate medical attention/guidance Bp ,sugar, HB, Exchanging data in hybrid cloud	202241063449	7/11/2022
5	Mrs. Shivleela R Mrs. Geeta M	IoT based forest fire detection system and early warning system using arduino	202321017112	14/03/2023

Faculties served as reviewer/External BOE/ Session Chair/Resource Person and Awards

Received by faculties during 2025-26

Name of the Faculty	Reviewer/External BOE/ Session Chair/Resource Person and Awards Received by faculties	
Dr. Lakshmi Patil	Awards	Life time achievement award by ISTE North Karnataka
	Session Chair	Third International Conference for Women in Innovation , Technology and Entrepreneurship (ICWITW 2025) 26-27 Sept 2025
		International Conference on Software, Systems and Information Technology (SSITCON – 2025)
Dr. Shilpa Shrigiri Mrs. Ambika Patil	Award	Best Paper Presenter “Peak to Average power ratio in OFDM system” 6 -7 feb, 2026 ICWCIE- 2026, Organised by Sharnbasva University Kalaburagi.
Dr. Basanti Ghanti	Resource person	One day workshop “ INCUBATION AWARENESS PROGRAMME UNDER RAMP” (Raising & Accelerating MSME Performance) 09/10/2025 at District Industries Centre.
		One day workshop “ INCUBATION AWARENESS PROGRAMME UNDER RAMP” (Raising & Accelerating MSME Performance) 12/02/2026
	Conference Chair	3 rd international conference on Advancement in Science , Engineering & Management (3 rd ICSEM 2026) 30-31 JAN, 2026
	Session chair	Smartworld 2025 Third International Conference on Intelligent Systems in Mechanical, Civil, Electronics, Computer, Science & Management. 01 & 02 Dec 2025.
Dr. Asharani Patil	Awards	IEEE North Karnataka SubSection Outstanding volunteer 2025
Dr. Anuradha Patil	Reviewer	Second IEEE International Conference on Computing, Semiconductor, Mechatronics, Intelligent Systems and Communications (COSMIC NOV - 2025).
Mrs. Laxmi Patil	Award	Best Paper Presenter

Dr. Ratnamala S.Patil	Session Chair	4 th International Conference on Integrated Circuits and Coommunication Systems (ICICACS-2026)
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Faculties served as reviewer/External BOE/ Session Chair/Resource Person and Awards Received by faculties during 2024-25

Name of the Faculty	<i>Reviewer/External BOE/ Session Chair/Resource Person and Awards Received by faculties</i>	
Dr. Shilpa Shrigiri	Reviewer	International Conference on intelligent systems and computational networks-2025
		International Conference on 6G Communications Networking and Signal Processing-2024
		International Conference on Data Science and Network Security-2024
Dr. Basanti Ghanti	Session Chair	National conference on electrical, electronics and intelligent computing technologies (NCEEICT) May 2025
Dr. Sujata K	Talk	Awareness on Patent 28/02/2025
Dr. Asharani Patil	Session Chair	3 rd IEEE International Conference on Data Science and Information System (ICDSIS-2025)
	Awards	Outstanding WiE Professional Award 2024
		Best Teacher Award 2024
	Reviewer	International Conference on Electrical, Computer and Energy Technologies- 2024
		International Conference on Data Science and Network Security-2024
		International Conference on Intelligent Computing and Knowledge Extraction ICICKE-2025 (6-7June)
		IEEE Bangalore Humanitarian Technology Conference- 25 th April 2025
		International Conference on Sustainable Computing and Intelligent Systems-2024
		International Conference on Electronics,

		computing and Communication Technologies, IEEE CONECCT (10-13 JULY, 2025)
		IEEE International Conference on Computational Systems and Information Technology for Sustainable Solutions (CSITSS)2024 International Conference on Networking, Embedded and wireless systems -2024

***Faculties served as reviewer/External BOE/ Session Chair/Resource Person and Awards
Received by faculties during 2023-24***

Name of the Faculty	<i>Reviewer/External BOE/ Session Chair/Resource Person and Awards Received by faculties</i>	
Dr. Lakshmi Patil	Awards	INNOCOMP-2024
	Session chair	International Conference on Networks, Multimedia and Information Technology 2023
		International Conference on Integrated Intelligence and Communication Systems-2023
	Reviewer	International Conference on Ambient Intelligence, Knowledge Informatics and Industrial Electronics- 2023
		IEEE,ICWITE,2024
		Shayesta Akthar Memorial award for the “Best Women Engineering College Teacher”
		IEEE SMT. Treveni Devi Gupta Memorial award
Dr. Shilpa Shrigiri	Reviewer	International Conference on Mobile Networks and Wireless Communication-2023
		International Conference on Integrated Intelligence and Communication Systems-2023
Dr. Basanti Ghanti	Guest Speaker	IIC regional meet in State level Consortium Meeting on 19 th Jan 2024, Organized by the Ministry of Education’s Innovation Cell& AICTE
Dr. Asharani Patil	Reviewer	International Conference on Networks, Multimedia and Information Technology-2023
		International Conference on Data Science and

		Network Security -2023
		International Conference on Distributed Computing and Optimization Techniques-2024
		International Conference on Distributed Computing and Electrical Circuits and Electronics – 2024
	Resource person	Recent trends in 5G Mobile Communication System
	Session chair	International Conference on Mobile Networks and Wireless Communication-2023
Dr. Sujata K	Reviewer	IEEE International Conference on Data Science and Information System- 2024
		International Conference on Integrated Circuits and Communication Systems-2024
Dr. Anuradha Patil	Reviewer	International Conference on Recent innovation in smart and sustainable Technology-2024