FACULTY PROFILE

Department: Electronics & Instrumentation Engineering

Personal Details

NAME	Dr. D. Jayadevappa	
DEPARTMENT	Electronics & Instrumentation Engineering	
DESIGNATION	Professor & Head	
PHONE	+91 9986134424	
EMAIL ID	djayadevappa@jssateb.ac.in	
DATE OF JOINING (JSSATEB)	01-08-2011	

1. **Experience**

Total Experience in Years	Teaching: 24 Years	Industry: 03	Research: 16 Years

2. **Qualifications**

COURSES	SPECIALIZATION	YEAR OF AWARD	INSTITUTION	UNIVERSITY
B.E.	Instrumentation Technology	1994	Siddaganaga Institute of Technology, Tumakuru, India	Bengaluru University, Bengaluru
M.Tech.	Biomedical Instrumentation	2000	Sree Jayachamarajendra College of Engineering, Mysuru	VTU, Belagavi
Ph.D.	Medical Image Processing	2011	Jawaharlal Nehru Technological University College of Engineering, Kakinada (AP)	JNTU, Kakinada

3. **Research & Publications**

Papers Published in Web of Science indexed Journals	International: 15	National: 00
Papers Published in SCOPUS indexed Journals	International: 29	National: 00
Papers Published in other Journals	International: 29	National: 02
Papers Presented in Conferences / Symposium	International: 29	National: 05

Books / Book chapters Published	Name of the book: Data Engineering and Communications Technologies Publisher: Springer Nature Year of Publication: 2018
	Name of the book: Lecture Notes on Data Engineering and Communications Technologies Publisher: Springer Nature Year of Publication: 2019 Name of the Book: Brain Tumor MRI Image Segmentation using Deep Learning Techniques Publisher: Elsevier Year of Publication: 2021

4. Research Guidance

PhD Guide? Give field & University	Yes, Digital Signal Processing, Digital Image Processing, Instrumentation & Measurements	University: a. Visvesvaraya Technological University, Belagavi, b. Jain University, Bengaluru
PhDs / Projects Guided	Ph.D. Awarded: 12 (Twelve) Guiding: 06 (Six)	Projects at Master's Level: 00 Projects at Bachelor's Level: 30

5. Grants

i. Funds Received (Projects): Nil

ii. Patents: Nil

iii. Consultancy: Nil

6. Awards Received: Nil

7. Publications

i. International Journals

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS/ Scopus/ Both	Impact Factor	Publisher
1	Feedback Artificial Shuffled Shepherd Optimization-Based Deep Maxout Network for Human Emotion Recognition Using EEG Signals	K. S. Bhanumathi, D. Jayadevappa and Satish Tunga	International Journal of Telemedicine and Applications	Article ID 3749413, Jan. 2022	WoS	2.11	Hindawi
2	Water Cycle Bat Algorithm and Dictionary based Deformable Model for Lung Tumor Segmentation	Mamtha V Shetty, D Jayadevappa & Veena G N	International Journal of Biomedical Imaging	Article ID 3492099 Nov. 2021	WoS	3.0	Hindawi
3	Protection Motivation Theory using Multi-factor authentication for providing security over Social Networking Sites	Haider Mehraj, D. Jayadevappa et al.	Pattern Recognition Letters	Vol. 152, pp. 218-224 Dec. 2021	WoS (SCI)	2.81	Elsevier
4	Brain Tumor Segmentation using Region Based Chan-Vese Active Contour Model and Curvelets Transform	M. Sreerangappa, M. Suresh and D. Jayadevappa	Turkish Journal of Physiotherapy and Rehabilitation	Vol. 32 No.3 August 2021	WoS	0.14	Turkish Physiotherapy Association.

5	Heterogeneous architecture for Reversible for Watermarking System for Medical Images using Integer transform based Reverse Contrast Mapping	Subodh S Ingaleshwar, D. Jayadevappa & N V Dharwadkar	Turkish Journal of Computer and Mathematics Education	Vol. 12, Issue 6, April. 2021	Scopus	0.32	Karadeniz Technical University
6	Water chaotic fruit fly optimization-based deep convolutional neural network for image watermarking using wavelet transform	Subodh S Ingaleshwar, D. Jayadevappa & N V Dharwadkar	Multimedia Tools & Applications	https://doi.org/10.1007/s11042-020-10498-0	Web of Science (SCI)	2.8	Springer Nature
7	Human Emotion Detection and Classification Using Convolution Neural Network	Komala K, D Jayadevappa & G Shivaprakash	European Jour. of Molecular & Clinical Medicine	Vol. 7, Issue 6, Dec. 2020	Scopus	2.9	Ubiquity Press
8	FPGA Based Clock Frequency Sensor and Range Estimating System for Testing Memories and Processors	Manjula C & D Jayadevappa	International Journal of Electrical Engineering and Technology	Vol. 11, Issue 5, July 2020	Scopus	0.2	IAEME
9	EEG Based Emotion Recognition Approaches & Challenges: a Review	K S Bhanumathi & D Jayadevappa	International Journal of Psychosocial Rehabilitation	Vol. 24, Issue 6, April 2020.	Scopus	0.2	Hampstead Psych. Associates, UK
10	Segmentation of Brain Tumor and its Area Measurement using Gradient Vector Flow Deformable Model for MR Images	M. Sreerangappa, M. Suresh & D. Jayadevappa	International Journal of Control and Automation	vol. 13, no. 3, June 2020	Scopus	0.2	SERSC
11	Level Sets and Cluster Based Hybrid Approach for the Segmentation and Classification of Brain Tumors,	K V Mahesan, S Bhargavi & D Jayadevappa,	International Journal of Advanced Science and Technology	Vol. 29, No. 7s, 2020	Scopus	0.108	SERSC
12	FPGA Based Digital Logic Analyzer for Digital Automatic Test Equipment	Manjula C & D Jayadevappa	International Journal of Future Generation Communication and Networking	Vol. 12, No. 5, Dec. 2019	Both	0.431	SERSC
13	Segmentation of Brain Tumor and Performance Evaluation Using Spatial FCM and Level Set Evolution ,	M. Sreerangappa, M. Suresh & D. Jayadevappa,	The Open Biomedical Engineering Journal	Vol. 13, Issue 1, Dec. 2019	Scopus	2.1	Bentham
14	Automated Brain Tumor Segmentation and Identification using MR Images.	Mahalakshmi, H.K. Krishnappa & D. Jayadevappa	International Journal of Innovative Technology and Exploring Engineering	Vol. 8, Issue 12, Oct. 2019	Scopus	0.6	BEIESP
15	Low Cost Hardware Architecture of Fast Lifting Wavelet Transform for Image Compression	K Ezhilarasan, D. Jayadevappa & Puspa Mala S	International Journal of Recent Technology and Engineering	Vol.8, Issue 3, Sept. 2019,	Scopus	0.107	BEIESP
16	FPGA Implementation of Auto Switching in a Multicore Hybrid Processor.	Harish M S & D. Jayadevappa	International Journal of Recent Technology and Engineering	Vol. 7, Issue 5S3, Feb. 2019.	Scopus	0.107	BEIESP
17	Region based active contours model with contour let transform for	Mahalakshmi, H.K. Krishnappa & D. Jayadevappa	Journal of International	Vol. 19, Issue 24, pp.223-	Scopus	0.8	Advanced Scientific Research

	segmentation of brain tumor from MR images		Pharmaceutical Research	229, March 2019.			
18	Development of Novel Algorithm for the Segmentation of Brain Tumor using Hybrid Approach	H.M. William Thomas, S.C. Prasanna Kumar & D. Jayadevappa	Journal of International Pharmaceutical Research	Vol. 19, Issue 24. March 2019.	Scopus	0.8	Advanced Scientific Research
19	A Novel Approach for segmentation and classification of brain MR Images using cluster deformable based fusion approaches	Sharan kumar, D. Jayadevappa & Mamata V Shetty	Periodicals of Engineering and Natural Sciences	Vol. 6, Issue 2, 2018.	Scopus	1.6	International University of Sarajevo
20	Ensemble EMD based Time-Frequency Analysis of Continuous Adventitious Signal Processing	Shankar B. B & D Jayadevappa	International Journal of Engineering and Technology	Vol. 7, Issue 4, 2018.	Scopus	-	Science Publishing Corporation
21	Design and Simulation of 64 Bit Hybrid Processor Instruction Set using Verilog.	Harish M S & D. Jayadevappa	International Journal of Engineering and Technology	Vol. 7, Issue 4, 2018.	Scopus	-	Science Publishing Corporation
22	An Efficient FPGA Implementation of Fast Lifting Wavelet Transform for Lossless Image Compression	K Ezhilarasan, D. Jayadevappa & Puspa Mala S	International Journal of Pure and Applied Mathematics	Vol. 119, No. 14, 2018.	-	0.754	Academic Publications Ltd.
23	Fuzzy Deformable Based Fusion Approach for Tumor Segmentation and Classification in Brain MRI Images,	Sharan Kumar, Jayadevappa D, Mamata V Shetty	International Journal of Engineering & Technology	Vol.7 Issue Oct. 2018.	Scopus	-	Science Publishing Corporation
24	Efficient Non-uniform 8-Band Digital FIR Filter Bank with FRM Technique for Digital Hearing Aid,	Parameshappa G & Jayadevappa D	Journal of Advanced Research in Dynamical & Control Systems	Vol. 10, 12, August 2018.	Scopus	0.4	Institute of Advanced Scientific Research
25	Enhancement in Routers for Next Generation Network (NGN) based on QOS	Santosh D Bhopal, S V Sankpal, D Jayadevappa,	Journal of Advanced Research in Dynamical & Control Systems	Vol. 10, 12, August 2018.	Scopus	0.4	Institute of Advanced Scientific Research
26	Efficient uniform digital filter bank with linear phase and FRM technique for hearing aids	Parameshappa G and D Jayadevappa	International Journal of Engineering and Technology	Vol. 7, Issue 1.9, 2018.	Scopus	-	Science Publishing Corporation
27	A Review on Content Piracy, Logo Detection and Recognition	Kiran Kumar, D. Jayadevappa & B.R. Prakash	Journal of Advanced Research in Dynamical & Control Systems	Vol. 10, No. 8, May 2018	Scopus	0.4	Institute of Advanced Scientific Research
28	A Hybrid Approach for the Segmentation of Brain Tumor Using k-means Clustering and Variational Level Sets.	Mahalakshmi, H K Krishnappa & D Jayadevappa	Journal of Advanced Research in Dynamical & Control Systems	Vol. 10, No.5, April 2018.	Scopus	0.4	Institute of Advanced Scientific Research
29	Performance Analysis of Image Compression based on Fast Fractional Wavelet Transform Combined with SPIHT for Medical Images	K. Ezhilarasan, D. Jayadevappa & S. Pushpa Mala	ICTACT Journal on Image and Video Processing	Vol. 08, Issue:03, Feb. 2018.	IET Inspec	-	ICT Academy

30	Multiresolution Approach for the Segmentation of Brain Tumor from MR Images using Active Contour Model	K V Mahesan, S Bhargavi & D Jayadevappa	Journal of Advanced Research in Dynamical & Control Systems	Vol. 10, No.1, Jan. 2018.	Scopus	0.4	Institute of Advanced Scientific Research
31	Automatic Brain Tumor Segmentation Using FPGA Platform,	H.M. William Thomas, S.C. Prasanna Kumar & D. Jayadevappa	International Journal of Pure and Applied Mathematics	Vol. 118, No. 18, Jan. 2018.	-	0.754	Academic Publications Ltd.
32	Fundus Image Features Extraction for Exudate Mining in Coordination with Content Based Image Retrieval: A Study,	C. Gururaj, D. Jayadevappa, Satish Tunga	Journal of The Institution of Engineers (India): Series B	Vol. 99, Issue 3, Feb. 2018	Scopus	1.1	Springer-Verlag
33	EMD based Hilbert Energy Spectrum Analysis of Adventitious Lung Wave Signals	Shankar B. B & D Jayadevappa	International Journal of Engineering and Technology	7(15), pp. 122-125, 2018	Scopus	-	Science Publishing Corporation
34	Case Studies of Various FPGA based BIST, ATPG, Processor and Memory Testing ,	Manjula C & D. Jayadevappa	International Journal of Emerging Technology and Advanced Engineering	Vol.7, Issue 11, Nov. 2017.	-	-	IJETAE
35	DTCWT-MBOFDM with Reconfigurable Down Converter for Smart Grid communication	Duney Disney Sam, D. Jayadevappa and Cyril Prasanna	International Journal of Grid and Distributed Computing	Vol. 10, No. 10, 2017,	Both	0.132	S E R S S
36	Modified Marker Controlled Watershed Algorithm for the Segmentation Brain MR Image ,	Sreerangappa M & D. Jayadevappa	Grenze International Journal of Computer Theory and Engineering	Vol. 3, Issue 4, Dec. 2017.	-	-	Grenze publishers
37	Hardware efficient Low Power Multi-Favor Network on Chip Smart Router on FPGA Chip	M S Ananth Kumar, D Jayadevappa	International Journal of Industrial electronics and Electrical Engg.	Vol. 5, Issue 6, May 2017.	-	-	IJIEEE
38	Content Based Image Retrieval using SVM Algorithm with Contourlet Transform Coefficients Distribution	Satish Tunga & D Jayadevappa	International Journal of Scientific & Engineering Research	Vol. 5, Issue 7, 2017.	-	-	IJER
39	Estimation of Ensembles in an Adventitious Wave by EMD and EEMD Techniques	Shankar B. B & D Jayadevappa	International Journal of Engineering Research and Development	Vol. 13, Issue 6, June 2017.	-	-	IJERD
40	Adventitious signal identification and estimation of alveolar exudates	Shankar B. B & D Jayadevappa	International Journal of Latest Engineering Research and Applications	Vol. 2, Issue 5, May 2017.	-	-	IJLERA
41	Segmentation of MR Images using Active Contours: Methods, Challenges and Applications	K V Mahesan, S Bhargavi & D Jayadevappa	International Journal of Innovative Research in Advanced Engg.	Vol. 4, Issue 2, Feb. 2017.	-	-	AM Publication

42	FPGA Based Wireless Universal Digital Automated Test Equipment 9(41) 2016,	Manjula C & D Jayadevappa	International Journal of Control Theory and Applications	Vol. 9, Issue 41, 2016.	Scopus	0.158	Serial Publication
43	An overview on quality of services based routers for NGN	Santosh D Bhopale, S V Sankpal, & D Jayadevappa	International Journal of Advanced Research in Computer and Communication Engineering	Vol. 5, Issue 9, Sept. 2016.	-	-	IJARCCE
44	Watermarking mammograms using spline based fractional wave packet transform	Puspa Mala S, D Jayadevappa & K Ezhilarasan	International Jour. of Applied Engineering Research	Vol. 11, No. 5, July 2016.	Scopus	0.2	Research India Publication
45	A Study of Different Content Based image Retrieval Techniques	C. Gururaj, D Jayadevappa & SatishTunga	International Journal of Adv. Research in Computer & Commn. Engg.	Vol. 5, Issue 8, 2016.	-	-	IJARCCE
46	Content Based Image Retrieval System Implementation through Neural Network	C. Gururaj, D Jayadevappa & SatishTunga	IOSR Journal of VLSI and Signal Processing	Vol.6, Issue 3, June 2016.	-	-	IOSR
47	Innovative Architecture for FPGA based Multicore Hybrid Processor	Harish M & D Jayadevappa	International Journal of Scientific & Engg. Research	Vol. No.7, Issue 6, 2016.	-	-	IJSER
48	Application of Fractional Wave Packet Transform for Robust Watermarking of Mammograms	Puspa Mala. S, D Jayadevappa, K. Ezhilarasan	International Journal of Telemedicine and Applications	Vol. 15, Oct 2015	Both	2.5	HINDAWI Publishers,
49	Digital Image Watermarking Techniques: A Review	Puspa Mala S, D Jayadevappa, K. Ezhilarasan	International Journal of Computer Science & Security	Vol. 9, Issue 3, 2015.	-	-	CSC Publishers
50	A Comparative Study of Content Based Image Retrieval Trends and Approaches	Satish Tunga, D. Jayadevappa, C. Gururaj	International Journal of Image Processing	Vol. 9, Issue 3, 2015.	-	-	CSC Publishers
51	Medical Image Segmentation Algorithms using Deformable Models: a Review	D. Jayadevappa, S. Srinivas Kumar & D. S Murty	IETE Technical Review	Vol. 28, No.3, June 2011.	Both	1.845	Taylor & Francis
52	A Hybrid segmentation model based on watershed and gradient vector flow for the detection of Brain tumor	D Jayadevappa, S. Srinivas Kumar & D.S. Murty	International Journal of Signal Processing, Image Processing and Pattern Recognition	Vol. 2, No. 3, Sept. 2009.	Scopus	0.104	S E R S S
53	A New Deformable model based on Level sets for medical Image segmentation.	D Jayadevappa, S. Srinivas Kumar & D.S. Murty	International Journal of Computer Science	Vol. 36, No. 3, Dec. 2009	Scopus	2.3	IAENG

ii. Conferences

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Conference	Organized by and Date & Place of Conference	WOS / Scopus	Impact Factor	Publisher
1	Algorithm for the Segmentation of Brain Tumor using Contourlet Transform	K V Mahesan, S Bhargavi & D Jayadevappa,	AICTE Sponsored International Conference on Recent Trends & Development in Information and Communication Engineering	23rd Oct. 2020, Dr. Ambedkar Institute of Technology, Bengaluru.	-	-	ICTACT
2	Smart Hydroponic Farm using IOT	Shree Lakshmi, Deepika Venugopal, Akshtha, Neha R & Jayadevappa D	4th IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology	17th & 18th May 2019, SVCE, Bengaluru.	-	-	IEEE
3	Development of Robo Child Rescue System from Bore Well	Pratha G, Rishab Kumar, Subramanya & D Jayadevappa,	2nd International Conference on Emerging Trends in Science & Technologies for Engineering Systems	17th & 18th May 2019, SJCIT, Chikkaballapur.	-	-	-
4	Development of Brain MRI Image Segmentation Algorithms using Deformable Models	Sharan kumar, D. Jayadevappa & Mamata V Shetty	3rd IEEE International Conference on Communication and Electronics Systems	Oct. 15th & 16th 2018, PPG Institute of Technology, Coimbatore.	Scopus	-	IEEE
5	World Summit on Advances in Science, Engineering and Technology	Shankar B. B & D Jayadevappa	Ensemble EMD based Time-Frequency Analysis of Continuous Adventitious Signal Processing	Cambridge Summit 2018, January 4-6, 2018, University of Cambridge, United Kingdom,	-	-	-
6	2-D Gabor based Human Emotion Recognition System	Komala K & D Jayadevappa	International Conference on New Trends in Engineering & Technology,	7th & 8th Sep. 2018, GRT Institute of Technology, Chennai.	-	-	-
7	Command driven scalable & programmable FPGA Based Digital Test Pattern Generator,	Manjula C & D Jayadevappa	IEEE International Conference on Electrical, Electronics, Communication, Computer and Optimization Techniques	15th and 16th Dec. 2017, GSSSIETW, Mysuru.	Scopus	-	IEEE
8	Estimation of exudates in alveoli generating abnormal lung sounds	Shankar B. B & D Jayadevappa	7th IEEE International Advance Computing Conference	January 5th , 2017, Hyderabad	Scopus	-	IEEE

9	"DTCWT-MBOFDM with Reconfigurable Down Converter for Smart Grid Communication	Duney Disney Sam, D. Jayadevappa & Cyril Prasanna,	3rd International Conference on Green Computing and Engineering Technologies	8th -10th August 2017, The Killaloe Hotel, Kincora Harbour, Killaloe, County Clare, Ireland.	Scopus	-	SERSC
10	Modified Marker Controlled Watershed Algorithm for the Segmentation Brain MR Image	Rangappa & D. Jayadevappa,	International Conference on Signal Processing, Image Processing, Communication & Automation	6th & 7th July 2017, JSS Academy of Technical Education, Bengaluru	-	-	Grindze
11	Zernike Moments with Contourlet Transform for Content Based Image Retrieval	Satish Tunga & D. Jayadevappa & Gururaj C	International Conference on Signal Processing, Image Processing, Communication & Automation	6th & 7th July 2017, JSS Academy of Technical Education, Bengaluru	-	-	Grindze
12	Graph Cuts and Contourlet Transform for Automatic Segmentation of Brain Tumor from MR Images	Sreerangappa M & D. Jayadevappa	IEEE International Conference on Wireless Communications, Signal Processing and Networking	22nd – 24th March 2017, SSN College of Engineering, Chennai,	Scopus	-	IEEE
13	FPGA Based Wireless Universal Digital Automated Test Equipment	Manjula C & D Jayadevappa	2nd International Conference on Sustainable Computing Techniques in Engineering Science and Management	27th and 28th January 2017, Jain College of Engineering Belgaum	-	-	-
14	Implementation of QOS based Policer in Routers for Next Generation Network (NGN)	Santosh Bhopale, Swati Sankpal, D. Jayadevappa & Sharan Kumar	International Conference on Advanced Technologies for Societal Applications	20th and 21st Dec. 2016, Shri Vithal Education & Research Institute's, College of Engineering, Pandharpur (MH)	Scopus & WoS	-	Springer International
15	Performance Analysis of Block Based SVD Watermarking Scheme for Medical Images	Puspa Mala S, D. Jayadevappa & K. Ezhilarasan	IEEE International Conference on Recent Trends in Electronics Information Communication Technology	20th and 21st, May 2016, RJIT, Bengaluru	Scopus	-	IEEE
16	An Effective Implementation of Exudate Extraction from Fundus Images of the Eye for Content Based Image Retrieval System through	C. Gururaj, D Jayadevappa & Satish Tunga	Applied Computing Communications Engineering Image Processing and Analysis Information Science and Technology	25th and 26th July 2015, NMIT, Bengaluru	Scopus & WoS	-	Springer

	Hardware Description Language						

iii. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	Trends and Opportunities in Constancy and Management	CDC, Bangalore Institute of Technology, Bengaluru	23rd -27th Nov. 2020
2	Scientific Writing for Journals	Springer Nature and VTU	30th Sept. 2020
3	One Week FDP on Research Proposal Writing & Opportunities in the field of Science, Engineering & management	R&D Centre, Bangalore Institute of Technology, Bengaluru	6th – 11th July 2020
4	Short Term Course on High Voltage Engineering: Generation, Measurement and its Applications (HVEGM) from	NIT, Kurukshetra, Haryana	16th – 20th July 2018,
5	Intellectual Property Rights	BITES & JSSATE, Bengaluru	8th June 2017
6	One week workshop on MEMS Based Biomedical Engineering organized during 13th & 18th June. 2016.	Centre of Excellence-Microelectronics, RVCE, Bengaluru	13th – 18th June 2016.
7	National workshop on Accreditation Process for Technical Institutions	JSSATE, Bengaluru	26th and 27th August. 2016.

iv. Workshops / Conference (Organized)

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role
1	IoT-Trends and Opportunities	Centre for Inter-Disciplinary Research and ECE & EIE, JSSATE, Bengaluru	4th and 5th July 2018	Coordinator
2	International Conference on Signal Processing, Image Processing, Communication & Automation	Dept. of E&IE and ECE, JSSATE, Bengaluru	6th & 7th July, 2017	Coordinator
3	13th State level ISTE students' annual convention E-Pravarthanahas-2K16.	Dept. of Electronics & Instrumentation Engineering, JSSATE and ISTE	25th August 2016	Coordinator

v. Conference Attended (those sponsored by AICTE / ISTE /IETE /TEQIP or any other sponsoring body)

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	AICTE Sponsored International Conference on Recent Trends & Development in Information and Communication Engineering	Dr. AIT, Bengaluru	23rd Oct. 2020,

8. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organized by	Date of completion / Award	Grade / Marks
1	Biomedical Signal Processing	NPTEL	Jan-April 2020	B (76%)
2	Skills for New Educational Architecture	SWAYAM-ARPIT	Feb. 2020	C (60%)

9. Membership of Professional Bodies:

1.	Life Membership in Indian Society for Technical Education (MISTE)
2.	Life Membership in Institution of Electronics and Telecommunication Engineers (MIETE)
3.	Life Membership of Biomedical Engineering Society of India (LMBMESI)

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

   (i) Reviewer of Research Papers:

   - Biomedical Engineering: Basis & Applications, World Scientific Publishers.
   - Informatics in Medicine, Elsevier Publishers
   - Journal of Medical Imaging and Health Informatics, American Scientific Publishers
   - International Journal of Biomedical Imaging Processing (JBIP), Bowen Publishing Company Ltd.
   - Asian Journal of Mathematics & Computer, International Knowledge Press, Manchester.
   - British Journal of Mathematics & Computer Science, Science Domain International.
   - Microprocessors and Microsystems, Elsevier Publishers

   (ii) Membership in various University Boards / Committees:

   - Chairman, BOE, VTU, Belagavi
   - Member, BOE, UVCE, Bengaluru
   - Member, LIC, VTU, Belagavi
   - Observer, JEE & NET

   (iii) Conference Chaired / Invited talk:

   - Chaired 6 Conferences
   - Delivered 13 invited talks

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