

Dr. Chetana Prakash  
Professor  
CSE Department, BIET.

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## Objective

To be a Successful Professor in a reputed Institution that will provide a good platform to exhibit my teaching, research and administration skills to full fill the Institution goal with continuous Learning and Commitment.

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## Research Interests

- Signal Processing
- Image Processing
- Machine Learning
- Big Data Analytics
- Cloud and Soft Computing
- Pattern Recognition
- Artificial Intelligence
- Internet of Things

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## Academic Profile

International Institute of Information Technology, Hyderabad, 2013 Ph.D.: Bessel  
Features for Speech Signal Processing

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BITS PILANI, 1996  
Master of Science: System Software

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University BDT College of Engineering, Davangere, 1990  
Bachelor of Engineering: Computer Science & Engineering

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## Teaching Experience

**Professor:** 01/12/2013 – Till Date  
CS&E, B.I.E.T., Davangere, India

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**Associate Professor:** 08/2012 - 11/2013  
B.I.E.T., Davangere, India

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**Assistant Professor:** 09/2005 - 07/2012  
B.I.E.T., Davangere, India

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**Senior Lecturer:** 03/2005 - 08/2005  
*B.I.E.T.*, Davangere, India

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**Lecturer:** 04/1991 - 03/2005  
*CS&E, B.I.E.T.*, Davangere, India

## Professional Memberships

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- M.I.S.T.E., Life Time Member
- CSI Member
- Institute of Engineers Member: M-1681669 from 2<sup>nd</sup> March 2020
- Computer Science Teachers Association (CSTA) Member: ID 198357999424

## Major Achievements

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- Guiding 3 Ph.D. Students
- Guided 5 Ph.D. Students
- KSCST approved project “Block Chain based Cloud File Sharing System” for the year 2024  
Team: Anoop M, Abhishek V, Aditya D B, Sagar K R
- Best Paper Award in **ICCSA** - 2021 conference held on 16th July 2021
- As a LIC Member for the Affiliated VTU colleges for the year 2023-2024, 2024-2025
- Chairman and Member of BOE in VTU and Kuvempu University
- Member of BOS (MCA) in VTU
- As a VTU Nominee BOS Member for the RVCE., Bangalore Autonomous Institute
- Awarded as best mentor for mentoring the best project for “PROGYAN 3.0: In-House project exhibition “held on 8-10<sup>th</sup> July 2021 in the CSE department, BIET, Davangere
- Awarded as a best teacher for 3 times from the college for achieving 100% result in the subjects handled.
- Travel Grant Award from Microsoft Research for presenting paper abroad

## Subjects Handled

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Analysis and Design of Algorithms, Discrete Mathematical Structures, System Simulation and Modelling, Finite Automata Theory and Computability, System Software and Compiler Design, Advanced Algorithms, Service Oriented Architecture, Multimedia systems, Distributed Database, Computer Organizations, Operating Systems, Pattern Recognition, Computer Systems, Digital Signal Processing, Computer Organization, Storage Area Network, Database Management System. Probability and Statistics, Computational Techniques, Operating Systems

## Additional Roles @ BIET & Other Institutions

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- Working as a Nodal Officer for AISHE (MHRD) in the Institute level
- LIC visit to VTU affiliated Engineering Colleges for the year 2023-2024, 2024-2025
- BOE chairman for the MCA Board in the year 2022-2023

- Worked as a Valuation Coordinator for VTU at the Institute level from 2021-2023
- Worked as a Nodal Officer for the State and National Scholarship in the Institute level
- Worked as a Coordinator for “Woman Empowerment” Powered by Honeywell Technology implemented by ICT Academy
- NBA Criterion – 2 Coordinator
- NAAC Department Coordinator
- Reviewer committee for IEEE Mysore Sub Section International Conference (MysuruCon-2021) to be held on 24-25 October 2021 at NAVKIS College of Engineering, Hassan organized by IEEE Mysore Sub Section
- Reviewer for the chapter, "The Impact of Blockchain Technology on Tax and Accounting Practices." IGI Global editorial Discovery
- As Observer for Conduction of NEET (UG) Examinations held on 12<sup>th</sup> Sept 2021 at C V Raman Administrative Network and Science, Davangere
- As Observer for the Conduction of Examination(s) Indian Council of Agricultural Research (ICAR) AIEEA 2020 (between 16<sup>th</sup> to 23<sup>rd</sup> September 2020)
- As Observer for Conduction of NEET (UG) Examinations held on 13<sup>th</sup> Sept 2020 at Jain Vidyalam, P J Extension, Davangere
- As a Subject Expert for setting up the question paper for the UPSC Examination during the year 2019-2020 (16<sup>th</sup>- 18<sup>th</sup> of Jan 2018, 20<sup>th</sup> - 22<sup>nd</sup> Feb 2019 and 27<sup>th</sup>-29<sup>th</sup> of May 2019)
- BOS (Board of Studies in VTU) member for the year 2016-2019
- As a BOE chairman for the year 2015-2016
- As a BOE 2 times member in VTU University for the year 2013-2014 and 2014-2015
- BOE in the Kuvempu University
- Session Chair for the Second National conference on Engineering Innovations and Solutions. (NCEIS –2018), GSSS Institute of Engineering and Technology for Women, Mysuru on 7<sup>th</sup> MAY 2018, technically sponsored by IEEE Bangalore Section, IEEE Photonics Society, Bangalore Section and Computer Society of India, Bangalore and Mysore Chapters
- Session Chair and Paper Reviewer in International Conference on “Applied and Theoretical Computing and Communication Technology” (iCATCC-2015) held at BIET, Davangere in 2015
- Session chair for the IWSSIP 2011 18<sup>th</sup> International conference on Systems, Signals & Image Processing, 16-18 June 2011, Sarajevo, South- East Europe.
- Guided 50+ Projects for UG Students and 20 + projects for PG students

## Patents

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- “Computer implemented method for training and testing a deep Wasserstein Generative Adversarial Network” Computer Science, India Karnataka Application Patent No: 202341031956, Indian Publishing Patent : Date 23/06/2023
- System and Method for Analyzing Transaction Data in Cryptocurrency Trading Using Artificial Intelligence.
- Artificial Intelligence Based Internet of Vehicles (IoV) System to Prevent Road Accidents.
- Intelligent Mobility Robotic Device for Locomotion of Physically challenged People.

## Project Work Carried during Research Period

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- Feasibility of Ultra low-bit rate coding for transmission and storage of speech (2007-10) DRDO Bangalore
- Efficient representation of speech from throat microphone for transmission and storage of speech information (2007-10) DRDO Bangalore
- Virtual Lab for Speech Signal Processing (2010-2011) MHRD Govt., of INDIA

## Book Chapters

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- “Analysis on Exposition of Speech Type Video using SSD and CNN Techniques for Face Detection” passed review and accepted in Studies in Computational Intelligence (SCI), Springer series ISSN: 1860-949X
- “Computer Assistive Technologies for Physically and Cognitively Challenged Users” to be published by Bentham Science. (under Review)

## List of Publications in Conferences

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- Aziz Khan F Pathan, Chetana Prakash, **Unsupervised Aspect Extraction Algorithm for Opinion Mining using Topic Modeling**, International Conference on Computing System and its Applications (ICCSA -2021), Year 2021
- Aditya Sarin, Deveshi Thanawala, Saurav Verma, Chetana Prakash, **Implementation of New Approach to Secure IoT Networks with Encryption and Decryption Techniques**, 2020 11<sup>th</sup> International Conference on Computing, Communication and Networking Technologies, ICCCNT 2020, 2020, DOI: 10.1109/ICCCNT492392.0202.09225279
- Kavitha G, Chetana Prakash, **Noise Reduction using Multilevel Hybrid Filters for Ultrasound Images: A Comparative Study**, Proceedings of the 5<sup>th</sup> International Conference on Inventive Computation Technologies, ICICT 2020, Year 2020, Pages 88-92, DOI: 10.1109/ICICT48043.2020.9112440
- Saurav Verma, Rahul Gala, S. Madhavan, Sanchit Burkule, Swapnil Chauhan, Chetana Prakash, **An Internet of Things (IoT) Architecture for Smart Agriculture**, Proceedings - 2018 4<sup>th</sup> International Conference on Computing, Communication Control and Automation, ICCUBE A 2018, Year 2018, DOI: 10.1109/ICCUBE A 2018.8697707
- Dr. Chetana Prakash, Reshma, **Survey on Infotainment System for Vehicular Adhoc Networks**, 3<sup>rd</sup> National Conference on Recent Trends in Electronics & Communication – 2017 (NCRTEC-2017), 12<sup>th</sup> May 2017 at Global Academy of Technology
- Saurav Verma, Dr. Chetana Prakash, Shivangi Vashi, Internet of Things (IoT) A vision, **Architectural Elements and Security Issues**, IEEE International Conference on I-SMAC (IoT in Social, Mobile, Analytics & Cloud) (I-SMAC-2017), Feb 10-11 2017 at SCAD Institute of Technology, Palladam, Tamilnadu

- Mrs. Chetana Prakash & Dr. Suryakanth V Gangashetty, **Robust Speech Recognition using FBCC for WSJ Database**, International Conference of Emerging Research in Computing, Information, Communication and Applications, 02-03 August 2013 at NMIT Bangalore.
- Mrs. Chetana Prakash and Suryakanth V. Gangashetty, **Fourier Bessel cepstral coefficients for robust speech recognition**, International conference on signal processing and Communication (SPCOM 2012), July 22-25, 2012 at IISc Bangalore
- Mrs. Chetana Prakash and Suryakanth V. Gangashetty, **Fourier Bessel based cepstral coefficients features for text-independent speaker identification**, The 5th Indian International conference on Artificial Intelligence (IICAI 2011), pp. 913-930, December 14-16, 2011 at SIT Tumkur
- Mrs. Chetana Prakash, Dhananjaya N, Suryakanth V. Gangashetty, **Exploring Bessel features for detection of glottal closure instant**, INTERSPEECH pp. 1985-1988, Aug. 28-31, 2011.
- Mrs. Chetana Prakash, N. Dhananjaya, Suryakanth V. Gangashetty, **Bessel features for detection of voice onset time using AM-FM signal**, 18th International conference on signal systems and image processing (18th IWSSIP 2011), pp. 139-142, June 16-18, 2011, Sarajevo (Bosnia and Herzegovina) Europe.
- Mrs. Chetana Prakash, N. Dhananjaya, Suryakanth V. Gangashetty, **Detection of glottal closure instants from Bessel features using AM-FM signal**, 18th International conference on signal systems and image processing (18th IWSSIP 2011), pp. 143-146, June 16-18, 2011, Sarajevo (Bosnia and Herzegovina) Europe.
- Venkata Ashok Kumar P, Chetana Prakash, Balakrishna Lavu, Suryakanth V. Gangashetty, **Bessel features for estimating number of speakers from multispeakers speech signals**, 18th IWSSIP 2011, pp. 1747-150, June 16-18 2011, Sarajevo (Bosnia and Herzegovina) Europe.
- Balakrishna Lavu, Chetana Prakash, V. Ashok Kumar, Suryakanth V. Gangashetty, **Speech enhancement using ICA with Bessel features**, 18th IWSSIP 2011, pp. 155-158, June 16-18 2011, Sarajevo (Bosnia and Herzegovina) Europe.
- Gangamohan V. paidi, Chetana Prakash, Suryakanth V. Gangashetty, **Bessel Transform for Image Resizing**, 18th IWSSIP 2011, Sarajevo (Bosnia and Herzegovina) Europe.

## Publications in Journals

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- Chetana Prakash, Saurav Verma, "IoT Security against Network Anomalies through Ensemble of Classifiers Approach", International Journal on Recent and Innovation Trends in Computing and Communication ISSN: 2321-8169 Volume: 11 Issue: 7s DOI: <https://doi.org/10.17762/ijritcc.v11i7s.6976>
- Chetana Prakash, Saurav Verma, "An Analysis of Modelling Techniques and Security algorithm for Machine to Machine Communication in IoT Network" International Journal of Engineering Research and Applications www.ijera.com ISSN: 2248-9622, Vol. 13, Issue 4, April 2023, pp. 01-07
- Chetana Prakash, Saurav Verma. "A Hybrid Intrusion Detection Systems to Secure IoT Network", International Journal of All Research Education and Scientific Methods (IJARES), ISSN: 2455-6211, Volume 11, Issue 5, May-2023, Available online at: [www.ijaresm.com](http://www.ijaresm.com)
- Chetana Prakash, Reshma S, "Optimized Controller scheme for Autonomous Navigation in Infotainment on Internet of Vehicle", International Journal of Computer Networks and Applications (IJCNA), DOI: 10.22247/ijcna/2023/221882 Volume 10, Issue 3, May – June (2023)
- Chetana Prakash, Kavitha G, "Noise Estimation and Type Identification in Natural Scene and Medical Images using Deep Learning Approaches", Hindawi Contrast Media and Molecular Image, Volume 2023 | Article ID 3923667 | <https://doi.org/10.1155/2023/3923667>
- Chetana Prakash, Jyothi G C et all, "Deep Learning Approach for Detection of Dental Caries in X ray Images", International Journal of Scientific Development and Research, Published Paper ID: IJSDR2306193 Registration ID:207129 Published In: Volume 8 Issue 6, June-2023 DOI (Digital Object Identifier): <http://doi.org/10.1729/Journal.36206> Page No: 1397 - 1408 Publisher: IJSDR | [www.ijdsr.org](http://www.ijdsr.org) ISSN Number: 2455-2631
- Chetana Prakash, Jyothi G C, "Alveolar Bone Loss Detection and Localization in Dental X Ray Images using YOLOv5", June 2023 Asian Journal of Computer Science and Technology 12(1):41-54 DOI:10.51983/ajcst-2023.12.1.3591,
- Chetana Prakash, Abhishek V, Aditya D, Anoop M, Sagar K, "Blockchain Based Cloud File Sharing System", International Journal of Innovative Research in Computer and Communication Engineering, ISSN: 2320-9801, p-issn:2320-9798, DOI: 10.15680/IJRCCE.2023.1111001, Volume 11, Issue 11, 2024
- Chetana Prakash, Mohith V N, Aditi A, Gouri A, Thashwini K S, "Integrated Smart Home Security System: A Comprehensive approach with Face Recognition Sensor Technology and Real Time Monitoring", International Journal of Innovative Research in Computer and Communication Engineering, ISSN: 2320-9801, p-issn:2320-9798, DOI: 10.15680/IJRCCE.2024.1111001, Volume 11, Issue 11, 2024
- Chetana Prakash, Arun Kumar S, Dinesh N, Shravani, Tanushree, "Deep Learning Model for Classification and Grading of Glaucoma", International Journal of Innovative Research in Computer and Communication Engineering, DOI: 10.15680/IJRCCE.2023.1104219, Volume 11, Issue 4, April 2023
- Chetana Prakash, Adarsh T N, Anjana, Gagana, Chandana, "Block chain Enabled Secured Storage System for Forensic Data: Secured Storage System for Crime Evidence", International Journal of Innovative Research in Computer and Communication Engineering, DOI: 10.15680/IJRCCE.2023.11040001, Volume 11, Issue 4, April 2023
- Chetana Prakash, Vasudev M B, Pradeep K, "Air Quality Monitoring System using Linear Regression and Machine Learning", International Research journal of Engineering and Technology IRJET, Volume 9, Issue 6, June 2022
- Chetana Prakash, Akriti Goyal, Deepanshu Dhar, "Sign Language Recognition System", International Journal of Engineering Research and Technology ISSN(Online): 2278-0181, Volume 10, Issue 11, 2022
- Azizkhan F Pathan, Chetana Prakash, Attention-based position-aware Framework for Aspect-based Opinion Mining using Bidirectional Long Short-Term Memory, Journal of King Saud University - Computer and Information Sciences, DOI: <https://doi.org/10.1016/j.jksuci.2021.09.011>
- Azizkhan F Pathan, Chetana Prakash, A Novel Method for Mutual Authentication in Cloud Computing, International Journal of Creative Research Thoughts, Volume 9, Issue 5th May, Year 2021, Pages k 94 - k 99, ISSN: 2320 - 2882
- Azizkhan F Pathan, Chetana Prakash, Unsupervised Aspect Extraction Algorithm for Opinion Mining using Topic Modeling, Global Transitions Proceedings 2021,, ISSN: 2666-285X, DOI: <https://doi.org/10.1016/j.gltp.2021.08.005>
- Chetana Prakash, Sheetal P, Meghana H D, Vidyashree M B, Lung Cancer Detection in Radiology Images using CNN, International Journal for Research in Applied Science & Engineering, Volume 9, Issue 7, July 2021, ISSN: 2321-9653

- Lokesh E J, Chetana Prakash, Cloud Based Application for Prediction of Natural Disasters, International Journal for Research in Applied Science & Engineering ISSN: 2321-9653, Volume 9, Issue 7, July 2021, Page No. 773-779
- Chandana M, Chetana Prakash, Aneesa Banu, Deeksha J Udasi, Gousiya Banu, Video Based Suspicious Human Behaviour Recognition System, International Journal for Research in Applied Science & Engineering, 2021, Page No: 545-554, ISSN: 2321-9653
- Jyothi GC, Chetana Prakash, Segmentation Algorithm for Dental Caries X-Ray Images, GIS Science Journal 8 ,Issue 7, July 2021, ISSN NO: 1869 - 9301/www 2021
- S Reshma, Chetana Prakash, Mohammed Rafi, Novel Hybrid Architecture of Infotainment for Streaming Signals in Vehicular Network, 2021
- Chetana Prakash, Reshma S, Advancement In Infotainment System In Automotive Sector With Vehicular Cloud Network And Current state of Art, International Journal Of Electrical And Computer Engineering (IJECE), , Volume 10, 2020, Pages : 2077-2087; ISSN: 2088 – 8708
- Chetana Prakash, Saurav Verma, Implementation Of New Approach To Secure IOT Networks With Encryption And Decryption Techniques, IEEE-49239, 2020, Accession Number 20064008, Electronic ISBN: 978-1- 7281-6851-7 Print On Demand ISBN: 978-1- 7281- 6852-4, DOI:10.1109/ICCCNT49239.2020.9225279
- Chetana Prakash, Saurav Verma, An Unstructured To Structured Data Conversion Using Machine Learning Algorithm In Internet Of Things, 3rd International Conference On Innovative Computing And Communication, ICICC 2020, , 2020
- Chetana Prakash, Shashirekha H, Understanding The Need Of Data Integration In E Healthcare, International Journal of Trend in Scientific Research And Development (IJTSRD), VOLUME 4, ISSUE 4, 2020, Page No. 665- 667, E-ISSN: 2456- 6470
- Chetana Prakash, P. Chandramma, Identification of Leaf disease & Pesticides Recommendation using ML, IJARSET, Vol. 7, Issue 8, August 2020
- Chetana Prakash, Kavitha G, Noise Reduction Using Multilevel Hybrid Filters for Ultrasound Images a Comparative Study, 2020 International Conference on Inventive Computation Technologies ICICT, IEEE Publisher Accession Number 197628660. Electronic ISBN: 978 1 7281 4685 0 Print on Demand ISBN: 978-1- 7281-4686-7, DOI: 10.1109/ICICT48043.2020.9112440
- Chetana Prakash, Reshma S, Analysis of VANET Technology, IJSER, Volume 8, Issue 6, Page No. 2072-2076
- Chetana Prakash, Shashirekha H A Study on Issues and Challenges of Indian Healthcare systems and proposed solution, International Journal of Management, Technology and Engineering, Vol IX Issue V May 2019, ISSN No: 2249 - 7455, page No. 4165 - 4173
- Saurav Verma, Rahul Gala, S. Madhavan, Sanchit Burkule, Swapnil Chauhan, Chetana Prakash, An Internet of Things IOT Architecture For Smart Agriculture, 2018 Fourth International Conference On Computing Communication Control And Automation (ICCUBEA,IEEE), 2018, Accession Number: 18617726, Electronic ISBN: 978-1- 5386-5257-2 Print on Demand ISBN:978-1- 5386-5258-9, DOI:10.1109/ICCUBEA.2018.8697707
- Chetana Prakash, Kavitha G, Shashirekha H, A Comparative study of Median, ANW, NLM and proposed Hybrid Filtering Technique using Median and ANW Filter for Medical Images, International Journal of Computer Science (IJCS), Volume 5, Issue 8, August 2017, Page No. 33-38, ISSN: 2312-5992
- Chetana Prakash, Sofia T, Privacy Preserving Mechanism for Mobile Healthcare Emergency, International Journal of Advanced Research in Science Engineering & Technology (IJARSET) , Volume 4, Issue 7 July 2017, page: 4328 – 4333, ISSN (Online): 2350 – 0328
- Azizkhan F Pathan, Chetana Prakash, Big Data Mining from Social Networking Services using Spectral Clustering Algorithm, International Journal of Innovative research in Computer & Communication Engineering (IJRCCE), Volume 5, Issue 6, June 2017, Page: No. 11666 – 11673
- Manasa G, Chetana Prakash, A Secure Erasure Code-Based Storage using proxy re-encryption, International Journal of Scientific & Engineering Research (IJSER) (Only Accepted) 10 May 2017, ISSN: 2229-5518
- Pavan K, Chetana Prakash, A Framework for Hierarchical Big Image Data, International Journal of Innovative Research in Science Engineering, 2017
- Manasa G, Chetana Prakash A Review on Intelligent Parking System using Internet of Things (IoT), International Journal of Scientific & Engineering Research (IJSER) (Only Accepted) 20 December 2016, ISSN: 2229-5518
- Reshma S , Haseeba Yaseen, Chetana Prakash, Infotainment Frameworks for VANET, International Journal of Current Research, Vol. 8 Issue 12, Page No. 44243-44247
- Usha C, Chetana Prakash, Scalable Concurrent Multipath Video-Audio Streaming Over Wireless LAN, International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE), ISSN: 0976-1353, Vol. 23, Issue 5, September 2016, Page No. 45 – 49
- Anusha M, Chetana Prakash, Simplified Data Search on Frequent Weighted Item-set Mining by means of Map Reduce, International Journal of Innovative research in Computer & Communication Engineering, Vol. 4, Issue 7, July 2016, Page No. 14548 – 14553
- Chetana Prakash, Dr. N. Dhananjay, Dr. Suryakanth V. Gangashetty, Analysis of acoustic events in speech signals using Bessel series expansion, Circuits Systems and Signal Processing, Vol. 32, 2013, Page No. 2915 – 2938
- Chetana Prakash, Suryakanth V Gangashetty Robust Speech Recognition using FBCC for WSJ Database, ELSEVIER Journal Publications, 2013, Page No. 275-279, ISBN: 9789351071020
- Chetana Prakash, Suryakanth V Gangashetty Text Independent Speaker Identification Using Bessel Features, International Journal of Computer and Electrical Engineering, Vol. 4, No. 5, October 2012

#### Expert Lectures Delivered

- Intrapersonal Soft Skills to the 5th semester students on 31st August 2021
- Talk on 6G Mobile Technology on 20th April 2021 at CSE department, Faculty Lecture Series Conclave V 1.0, BIET
- One day Invited Talk on “Machine Learning and Deep Learning” on 14th September 2019 at Alva's Institute of Engineering and Technology, MOODBIDRI
- Speaker in One-week short term course training program on “Introduction to Statistical Analysis and Machine Learning” 12th-17th December 2016 in Association with ISTE Approved organized by Dept. of Information Technology, MPSTME Mumbai.
- One week training program with Hands on for students on “ Speech Signal Processing” in the year 2011
- One week workshop on “Unleash the full potentials of Linux” in the year 2003

## Seminars/Workshops/Events Organized

- Work shop on “Web Site Designing” every Saturday (5 Saturdays) for 3<sup>rd</sup> Semester students on 2<sup>nd</sup> March 2024 to April 13<sup>th</sup> 2024 by Mr. Mustafa J H Patel college Davangere
- Forum Inauguration and Technical Talk on “Computer Forensics” on 30-12-2023 by Vasanth Kumar, assistant professor training placement officer Govt Engineering college Hassan
- Three day Hackathon on “IOT, AI and ML” at CS&E Department BIET Davangere on 19th, 20th and 21st of September 2019 in Association with Smart Bridge and IBM
- Two Days Workshop on “Data Analytic using R-Tools” at BIET., Davangere on 30th and 31st Aug 2017
- In association with CS&E department involved in organizing 3 Days International Conference on “Applied and Theoretical Computing and Communication Technology” (iCATccT – 2015) at BIET, Davangere during 29 – 31 Oct 2015
- One day workshop on “Professional application development using .NET on 21st August 2015 organized at Department of Master of Computer Applications in association with Bhoomi Software’s, Davangere
- Two days’ workshop on “Insight on advanced Java with exposure to Selenium & e-commerce” on 22nd & 23rd August 2014 organized at Department of Master of Computer Application, MCA Forum, in collaboration with Mahat Consulting, Bangalore.
- One day workshop on “Android Application Development” on 26th March 2014 organized at Department of Master of Computer Application, MCA Forum, in association with ISTE Students’ Chapter, BIET, and Davangere.
- One day Orientation Program on “Preparation for UGC-NET and SLET Examination” in association with NSS, BIET, Davangere on 19th April 2017
- One day Seminar on “Introduction to AngularJS” on 27th February 2017, organized by MCA forum and Dept. of MCA, Bapuji Institute of Engineering and Technology
- One day Seminar on “Open Source Intelligence – Network, Application & Security” on 31st August 2016, organized by MCA forum and Dept. of MCA
- One day seminar on “Markov Chains and its Applications” on 22nd April 2016 organized by MCA forum and Dept. of MCA
- One day seminar on “Java Crystals” on 6th April 2016 organized by MCA forum, Dept. of MCA
- MCA Forum organized by Group Discussion (GD) on “Effect of Mobile and its Applications on Society” and “Impact of Western culture on India” for II and IV semester Students on 2/3/2016
- One day seminar on “Current trends in Computer Science and Applications” for II and IV semester MCA students organized by MCA forum, Dept. of MCA on 24/2/2016
- Aptitude and Programming Test conducted on 19/08/2015 organized by MCA Forum, MCA department of Master of Computer Applications, BIET, and Davangere
- One day Seminar on “Energy and Thermal Management in Computing devices” on 7th March 2015, Resource Person Praveen B.P., Principal Engineer, Samsung R&D Institute India, Bangalore. Bapuji Institute of Engineering and Technology, Davangere
- One day Seminar on “Cloud Computing and ERP” on 17th September 2014, Resource Person Rajeev Raghunath, Founder and CEO, Kramah Software India Pvt Ltd., Bangalore, organized at Department of Master of Computer Applications, MCA Forum, Bapuji Institute of Engineering and Technology, Davangere

## Seminars/Workshops Attended

- Six days FDP on Full Stack Development from 29-04-2024 to 04-05-2024 (Online) conducted by Sri Venkateshwara College of Engineering Bangalore in association with IEEE, IETE, IIC
- National Workshop on “Intellectual Property Rights (IPR) for Computer Related Innovations” by CSI –SSIP on 20th – 21st August 2021
- Webinar on “Free Scopus Indexed Journal for Newcomer Researchers” on 30th July 2021 by Prof. Mahamani, Youtube Channel
- Webinar on “UGC CARE Indexing Journal List” by Prof. Mahamani, Youtube Channel, on 18th July 2021, Certificate ID: V5YCDM-CE000142
- International Webinar on “How to Publish in A grade/SCI indexed Journals” by GSSS Mysore, IEEE Bangalore section on 14th June 2021
- Five Days FDP on “System Design for Healthcare and Assistive Technology” by Rajiv Gandhi Salai, Kalvakkam, Chennai from 14th -18th June 2021
- National Level Webinar on “Role of AI in transforming the world: by CCIS, Srinivas University on 8th June 2021
- Webinar on “Post Covid -19 ERA in Education and Technology” by NOUS INFOSYSTEMS on 5th June 2021
- Workshop One Week on “Recent Advancement on Electronics and Computer Intelligence -2021 on 26th – 30th April 2021 at Sambalpur University, Burla, Odisha
- Participated in Faculty Lecture Series Conclave V 1.0, CSE Department, from 07/04/2021 to 03/05/2021, BIET
- Webinar on “Machine Learning with Impact” by IEEE Student branch GSSS Mysore, on 19th March 2021
- Participation certificate talk on “Journey of Innovation” Swathi Maini, Founder of Norris Turbines Singapore on 17th March 2021
- Webinar on “Detection of Cyber Grooming through the use of Behavioral Biometrics by IEEE- ITS on 15th March 2021
- Webinar on “Novel Two-Factor Honey Token Authentication Mechanisms” by IEEE –ITS Bangalore Chapter on 8th March 2021
- Quiz Competition on “Awareness of NBA, NAAC and NIRF” held on 27th Feb 2021 HKBK college of Engg., Bangalore
- Webinar on “NBA Awareness on Outcome Based Education and Accreditation” on 16th Feb 2021 at VTU Belagavi
- TEQIP-II Sponsored 6 days FDP on “Applications of AI and IoT in Engineering”, from Feb 01 -06 2021 at CEP, Kollam, Kerala
- AICTE sponsored one week FDP on “Modern Trends in AI and Machine Learning” during January 11-16 2021 at KIT, Kolhapur
- Webinar on “Future World with ROBOTICS”, by Dept. ECE, Dr. Ambedkar Institute of Technology, Bangalore on 13th Jan 2021
- AICTE ATAL FDP on “AI” from 01/04/2021 to 08/01/2021 at Dr. Ambedkar Institute of Technology, Bangalore



- AICTE Short Term Training Programme under AQIS on “SELENIUM WEBDRIVER USING PYTHON” from 20/11/2020 to 26/11/2020 by Dept of MCA MSRIT, Bangalore
- FDP on “Machine Learning”, during 19-21 July 2018 at RNSIT, Bangalore
- FDP on “IoT, Data Analytics & Software Defined Network” on 16<sup>th</sup> March 2018, at BIET, Davangere
- Two Days Workshop on “Data Analytic using R-Tools” at BIET., Davangere on 30<sup>th</sup> and 31<sup>st</sup> Aug 2017
- One day Orientation Program on “Preparation for UGC-NET and SLET Examination” in association with NSS, BIET, Davangere on 19<sup>th</sup> April 2017
- One day Workshop on “Intellectual Property Right” organized by R&D cell of BIRT., Davangere on 6<sup>th</sup> April 2017
- One day seminar on “Role of Women in Societal Reforms” on 10<sup>th</sup> March 2017 organized by Department of IS & E in association with ISTE Faculty chapter, ISTE student chapter, NSS, YRCW, BIET Davangere
- Two days “Workshop on Taxonomy and Course Outcomes” on 3<sup>rd</sup> & 4<sup>th</sup> Jan 2017 at VTU Regional Office, Bangalore
- One day Seminar on “Introduction to AngularJS” on 27<sup>th</sup> February 2017, Organized by MCA forum and Dept. of MCA, Bapuji Institute of Engineering and Technology
- Seminar on “Open Source Intelligence — Network, Application & Security” on 31<sup>st</sup> Aug 2016
- Seminar on Markov Chains and its Applications on 22<sup>nd</sup> April 2016
- One day Seminar on Java Crystals on 6<sup>th</sup> April 2016
- 3 Days International Conference on “Applied and Theoretical Computing and Communication Technology” (iCATccT — 2015) at BIET, Davangere during 29—31 Oct 2015
- Workshop on “Research Methodology” organized by Research & Development cell of BIET., on 28<sup>th</sup> Oct 2015
- One day workshop on “Professional Application Development Using .NET” Organized by MCA Forum BIET., on 21<sup>st</sup> Aug 2015
- EMC Academic Summit 2015 held at Hotel Le Royal Meridian Chennai, on 12<sup>th</sup> Feb 2015
- Two days’ workshop on “Women Empowerment” organized by IS&E Dept, BIET, on 18<sup>th</sup> & 19<sup>th</sup> December 2014
- Two days’ workshop on “Insights on Advanced Java with Exposure to Selenium & e-Commerce” organized by MCA forum BIET., on 22<sup>nd</sup> & 23<sup>rd</sup> Aug 2014
- One Week FDP on “OpenGL, NS Tools and Image Processing Technique” conducted by Dept., of MCA, INNCE Shimoga during 07<sup>th</sup> – 11<sup>th</sup> July 2014
- Four days workshop on “Training of Evaluators on Outcome Based Education and Accreditation” jointly organized by National Board of Accreditation, New Dehli on 05-03-14(Phase-I) and 21—23 March 2014 (Phase-II) at BIET, Davangere
- Workshop on “Android Application Development” on 26<sup>th</sup> march 2014 organized by Department of Master of Computer Applications, BIET, Davangere
- Two days workshop on “Soft-Computing in Healthcare Applications” (SOFT-COMP 2014) organized by Manipal Institute of Technology, Manipal on 28<sup>th</sup> —29<sup>th</sup> march 2014
- 3 Days FDP on “Alan M. Turing-Simplification in Intelligent Computing” held at PESIT, Bangalore during 18-20 Dec. 2012
- Attended and presented paper in International conference on Signal Processing at IISC., Bangalore, July 2012
- Participated workshop on “High Impact Teaching Skills “ from 28<sup>th</sup> May to 1<sup>st</sup> June 2012
- Winter school on Speech and Audio Processing 2012 Topic: “Computational Auditory Scene Analysis” at IISC Bangalore during 6-9 Jan 2012
- Attended and presented paper in 5 Indian International Conference of “Artificial Intelligence” 2011
- Winter School on “Speech and Audio Processing” 8-11 Jan 2011, IIT, Guwahati
- Attended and presented paper in 18<sup>th</sup> International conference on IWSSIP on 16-18 June 2011 at Europe