

Dr.Gururaj.T B.E., M.Tech., Ph.D., MISTE

Associate Professor,
Department of CSE,
Bapuji Institute of Engineering & Technology,
Davangere-4, Karnataka, INDIA.

E-mail : raj80guru@gmail.com

Mobile : +91-94485-89241/70196-63932

ORCID ID : 0000-0001-7850-6181

VTU ID : 4SMCS0000717

LMISTE : LM47342

IE : AM3129163

AICTE ID : 1-452527945



Career Objective:

To pursue a challenging career and be part of a progressive organization that gives scope to enhance my knowledge, skills and to reach the pinnacle in the computing and research field with sheer determination, dedication and hard work.

Educational Qualification:

❖ **Ph.D. In Computer & Information Science (Computer Science)(2021)**

M.S. Ramaiah Institute of Technology, Bangalore, Affiliated to **VTU, Belgaum**, Karnataka.

Title: “Design & Development of Smart Analytical Techniques for Biological sequences using Machine Learning Techniques”. **Date of Registration:** 01/02/2016 **Date of Completion:** 29/07/2021.

Under Guidance: Dr. Siddesh.G.M.M.Tech.,PhD, Professor and Head, Dept. Of Data Science, M.S.R.I.T, Bangalore.

❖ **M-Tech. In Computer Science & Engineering.(2005)**

J.N.N College of Engineering, Shimoga, Affiliated to **VTU, Belgaum**, Karnataka.

Class – First with Distinction : 77.75%.

❖ **Bachelor of Engg. in Computer Science & Engineering.(2001)**

S.J.M. Institute of Tech, Chitradurga, affiliated to **Kuvempu University**,Karnataka.

Class – First with Distinction : 74.9%.

Experience: 21+ Years of Teaching Experience

✓ 01-02-2022 to Till date

Working as Associate Professor in the dept. Of CS&E, **Bapuji Institute of Engineering and Technology**, Davangere, Karnataka.

✓ 17-11-2004 to 30-01-2022(18 Years)

Worked as Associate Professor and HoD in the dept. Of CS&E, **S.J.M. Institute of Technology**, Chitradurga, Karnataka. (Associate professor from 01-04-2014)

✓ 02-09-2002 to 30-06-2003 (One Year)

Worked as a Lecturer in the dept. Of CS&E, **Bapuji Institute of Engineering and Technology**, Davanagere, Karnataka.

Publications & Conferences:

International Journals:[#16]

- [1] Gururaj T et.al.,(2024) “Crime Analysis and Forecasting using Machine Learning Techniques” International Journal of Innovative Research in Computer and Communication Engineering e-ISSN: 2320-9801, p-ISSN: 2320-9798 www.ijirce.com Volume 12, Issue 4, April 2024 DOI: 10.15680/IJIRCE.2023.1104001
- [2] Gururaj T et.al.,(2024) “E-Commerce Sales Forecasting With Big Data Analytics” International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) e-ISSN: 2319-8753, p-ISSN: 2347-6710 www.ijirset.com Peer Reviewed & Referred Journal Volume 13, Issue 4, April 2024 DOI:10.15680/IJIRSET.2024.1304001
- [3] Gururaj T, Pradeep N, Vishwanath V K(2023) “Shielding Online Communities: Natural Language Processing and Machine Learning Strategies against Social Media Intimidation” International Journal of Research in Advent Technology (IJRAT) ISSN: 2321-9637(Online); VOLUME-11 ISSUE-4, DECEMBER 2023, <https://www.ijrat.org/archives/VOLUME-11-ISSUE-4>, <http://www.ijrat.org>. <https://doi.org/10.32622/ijrat.114202304> Pageno: 6-12
- [4] Gururaj T, Arjun H, Vishwanath VK,, Pradeep N (2023) “ Safeguarding Digital Spaces: Employing NLP and Machine Learning to Combat Intimidator on Social Platforms”, <https://technikwissen.eu/volume-23-issue-12-2023/>; Volume 23 Issue 12 2023 DOI:22.8342.TSJ.2023.V23.12.01213 PAGE NO: 253-267
- [5] Gururaj T & Vishwanath V K (2023) “Exploring the Potential of Edge Computing: Use Cases and Benefits” International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; Volume 11 Issue X, <https://doi.org/10.22214/ijraset.2023.56294> Oct 2023- Available at www.ijraset.com
- [6] Gururaj T & Vishwanath V K (2023) “Enhancing Cyber security in Software Defined Network Controllers through Advanced Anomaly Detection using Artificial Intelligence” ISSN : 0950-0707 Volume XII Issue X Pno. 135-147 DOI:23.18001.STD.2023.V12I10.23.38114 OCTOBER 2023 www.journalstd.com(UGC care group 2 journal)
- [7] Gururaj T et. al.,(2023) “DGA Detection Leveraging ML Techniques” International Journal of Innovative Research in Science,Engineering and Technology (IJIRSET) ISSN (Online): 2319-8753 / ISSN (Print): 2347-6710 Volume 12, Issue 4, April 2023 <http://www.ijirset.com/> DOI: 10.15680/IJIRSET.2023.1204348
- [8] Gururaj T et. al., (2023) “DETECTION OF CYBERBULLYING ON SOCIAL MEDIA PLATFORMS” International Journal of Innovative Research in Science,Engineering and Technology (IJIRSET) ISSN (Online): 2319-8753 / ISSN (Print): 2347-6710 Volume 12, Issue 4, April 2023 <http://www.ijirset.com/> DOI: 10.15680/IJIRSET.2023.1204277
- [9] Gururaj T, Prerana Prakash Latti, Rakshanda B, Rakshit V M, Ranjana B (2022), “Agriculture Data Analytics in Crop Yield Estimation using IBM Cognos” International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538 Volume 10 Issue VII July 2022- Available at www.ijraset.com
- [10]Gururaj. T, Nirmala CR, Naveen K R(2022), “Monitoring activity and detecting unexpected events in surveillance footage using Deep CNN”, International journal of Advances in Computer Science and Technology(IJACST), Volume 11, Article 5, Warse. Available Online at

[11]Gururaj.T&Siddesh G.M (2021), “Hybrid Approach for Enhancing Performance of Genomic Data for Stream Matching”, **International Journal** of Cognitive Informatics and Natural Intelligence (IJCINI), Volume 15, Issue 4, Article 38. IGI Global.(Date of Submission: 31-05-2019, Revision Received 12-03-2020, Accepted: 20-03-2020 & Published: Dec-2021) **DOI: 10.4018/IJCINI.202111001.0a38** {Indexed in: Scopus,WoS(ESCI),Compendex (Elsevier Engineering Index), DBLP; Unpaid}

[12] Gururaj.T & Siddesh G.M (2020), “A Multi-Layer LSTM-Time-Density-Softmax (LDS) approach for protein structure prediction using deep learning”, **International Journal** of Recent Advances in Computer Science and Communications (2020) 13: 1. <https://doi.org/10.2174/2666255813999200918124012> Bentham Science Publisher Online ISSN2666-2566(Date of Submission: 14-02-2020, Revision Received 28-05-2020 and Accepted: 09-06-2020){Indexed in: Scopus, Compendex (Elsevier Engineering Index); Unpaid}

[13] Gururaj.T & Siddesh G.M (2021), “Classification Of Gene Expression Data Using Ensemble Feature Selection Based On Type Combination Approach (TCA-EFS) Model With Advanced Feature Selection Techniques”. **International Journal** of Cognitive Informatics and Natural Intelligence (IJCINI) IGI Global (Date of Submission: 09-11-2020, Accepted: & Published : Dec-2021) **DOI: 10.4018/IJCINI.202111001.0a46** {Indexed in: Scopus,WoS(ESCI), Compendex (Elsevier Engineering Index), DBLP; Unpaid}

[14] Gururaj, T. and Siddesh, G.M. (2020), ‘Optimised parallel implementation with dynamic programming technique for the multiple sequence alignment’, Int. J. Big Data Intelligence, Vol. 7, No. 3, pp.148–156. DOI: 10.1504/IJBDI.2020.109665 Inderscience Enterprises Ltd., (Date of Submission: 20-12-2019, Revision Received 25-01-2020 and Accepted: 25-01-2020 and published 10-09-2020){Indexed in: DBLP, Google Scholar; Unpaid} ISSN: 2053-1389 eISSN: 2053-1397 <https://www.inderscienceonline.com/doi/abs/10.1504/IJBDI.2020.109665>

[15] Gururaj T., Vishrutha Y. M., Uma M., Rajeshwari D., Ramya B. K.“Prediction of Lung Cancer Risk using Random Forest Algorithm Based on Kaggle Data Set”, **International Journal** of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-6, March 2020.Published paper and Souvenir are available at <https://www.ijrte.org/download/volume-8-issue-6/>

[16] Gururaj.T& Asha B.R, “A Revenue expansion scheme with definite excellence of service in cloud computing”, **International journal** of emerging technologies in CSE, IJETCSE-2016, ISSN: 09761353, May vol-22, Issue 2 Ref#:MAYV22I2P248

[17] Gururaj.T&Shivaraj.D, ”A Performance Analysis towards Big Data on Hadoop Cluster using HDFS and Mapreduce”, **International Journal** of Computing (IFRSA-2015), Vol 5, Issue 2, April 2015, ISSN(print):2231:2153, ISSN(online):2230:9039, www.ifrsa.org.

[18] Gururaj.T& Gaurav.P.R. , “Anonymization: Enhancing Privacy and Security of Sensitive Data of Online Social Networks”, **International Journal** of Computer Science and Information Technologies, Vol.5(4),2014,5995-6000, ISSN:0975-9646,www.ijcsit.com.

Edited Books(In progress)

[1] **Book Title: Examining the Metaverse in Healthcare: Opportunities, Challenges, and Future Directions, IGI Global Publishers, USA.**

Editorial Team:

Pradeep Nijalingappa, Bapuji Institute of Engineering and Technology, Davangere, Karnataka., India

Gururaj T, Bapuji Institute of Engineering and Technology, Davangere, Karnataka., India

S. Goyal, Faculty of Information Technology City University, Petaling Jaya, Selangor, 46100, Malaysia

Vinod Shukla, Amity University Dubai, United Arab Emirates

Alessandro Bruno, IULM, Milano, Italy

<https://www.igi-global.com/publish/call-for-papers/call-details/6748>

Book Chapters:[#1]{Springer Nature}

[1] Gururaj.T & Pavithra .A.P, “Open-Source Software Tools for Bioinformatics”, Statistical Modelling and Machine Learning Principles for Bioinformatics Techniques, Tools and Applications, Algorithms for Intelligent Systems (AIS), Springer© Springer Nature Singapore Pte Ltd. 2020 K. G. Srinivasa et al. (eds)., 1st ed.2020 ISBN-13:978-981-15-2444-8, ISBN-10: 9811524440

https://doi.org/10.1007/978-981-15-2445-5_6

International conference:[#2]

[1] Gururaj.T & Others, “Smart Design and Implementation of home Automation System using WIFI ” Proceedings of the International Conference on Augmented Intelligence and Sustainable Systems (ICAISS-2022) IEEE Xplore compliant DVD Part Number: CFP22CB2-DVD; ISBN: 978-1-6654-8961-4 Organized by department of CSE, CARE College of Engineering, held on November 24-26, 2022 in Trichy, India.

[2] Gururaj.T& Asha B.R.,“A Revenue expansion scheme with definite excellence of service in cloud computing”, **International conference** in Advances in emerging technologies-2016(ICAET-2016), Jaya Engineering College, Chennai. Ref: ICAET248

National Conference:[#6]

[1] Gururaj.T & 3 Others, “Migration of Schema from RDBMS to NoSQL”, 4th**National Conference** on Emerging Trends in CSE, NCETCSE-2018, 4th May 2018 held at BGSIT, BG Nagara, Mandya, Karnataka., in association with IJSPR, approved and recommended by UGC.ISSN:2349-4689 http://www.ijspr.com/citations/NCETCSE2018/IJSPR_NCETCSE_201806.pdf

[2] Gururaj.T, **Participated** in **National Conference** on “Multimedia Technology and Communication system, May-2016, MalnadCollege of Engineering, Hassan.

[3]Gururaj.T&Sushma.R.,”Privacy-Preserving Security Solution for Cloud Services”, **National Conference** on Research in Science, Engg., and Management, NCRSEM-15, ISBN No.:978-81-926416-2-1.

[4]Gururaj.T&Bharatesh kumara, “A hybrid method for clustering research proposal for project selection using Text-Mining”, “Recent trends in CS&E”, **National Conference** May-2013, NCRTCSE-13, SJBIT, Bangalore.

[5]Gururaj.T& Shruthi.B, “Approaches to an ontology-based algorithm for clustering text documents”, Information processing-2013, **National level conference**, AMC Engineering College, Bangalore.

[6] Gururaj.T&S.C.Lingareddy, “Adaptive routing algorithm for Mobile Wireless Networks”, Emerging Areas of Computer Science and Engineering, Sree Nidhi Institute of Science and Technology, HYDERABAD, **National conference** Nov-2005.

Worked as a reviewer:[#8]{IEEE}

[1] Worked as Reviewer for Bentham Science publishers, journal entitled RECENT ADVANCES IN COMPUTER SCIENCE AND COMMUNICATIONS, evaluated Video face recognition based on 3D chaotic attractor. **Reference#: BMS-RACSC-2022-124(May 2023)**

[2]Worked as Reviewer for Asian Journal of Physical and Chemical Sciences, evaluation of EVALUATION OF HEALTH RISK DUE TO EXPOSURE TO GAMMA RADIATION IN SOME HOSPITALS IN RIVERS STATE. (March 2023)

[3] AICDMB 2023: Fourth Annual International Conference on Data Science, Machine Learning and Blockchain Technology. 16th & 17th March 2023 @ Vidyavardhaka College of Engineering, Mysuru. Hosted by ACM, VVCE and CPS Lab.

[4] Worked as Reviewer for IGI Global publishers, evaluation for the book chapter manuscript, "Assessment of Cardiac Dynamics and Risk factor analysis using Deep Neural Nets", which is currently under consideration for publication in Leveraging AI Technologies for Preventing and Detecting Sudden Cardiac Arrest and Death.(April 2022)

[5] Worked as Reviewer for IGI Global publishers, evaluation for the book chapter manuscript, "Leveraging AI Technologies for Preventing and Detecting Sudden Cardiac Arrest and Death: Predicting and Preventing the Heart Problems", which is currently under consideration for publication in Leveraging AI Technologies for Preventing and Detecting Sudden Cardiac Arrest and Death. (April 2022)

[6] Worked as Reviewer for Hindawi publication Journal BioMed Research International (December 2021)

[7] Worked as Reviewer for IGI Global publishers, Blockchain for agri-food supply chain and logistics management, book chapters' evaluation.(June 2021)

[8] Worked as Reviewer for **IEEE CONECCT 2020**, International Conference Organized by: IEEE Bangalore Section & GITAM University, Bangalore. Supported by: AESS, AP/MTT, ComSoc, CIS, Nano Technology, Photonics, PELS, IES, SPS, RAS and VTS Chapters of IEEE Bangalore Section. (March 15, 2020, to June 27, 2020)

Workshops/Seminars/Webinars/FDP/Short Term Training Program/ Industrial Training Program/Quiz Attended:

Skill Development Program:[#2]

[1] Successfully attended online expert talk as an initiative under Department of IS & E in association with NAIN(New Age Innovation Network) “Innovate for India”, by Prof. Prashantha Shet, Director at Intuit India held on 20/05/2022 @ 3.00 PM Venue: Sri Basaveshwara Seminar Hall, T & P Cell. BIET, Davangere.

[2] Successfully attended online expert talk as an initiative under Skill development program on the topic “Modern AI with zero coding: A case study on Chest disease detection” held on 13th march 2022. Organised by Annant Gyan knowledge and skills private limited.

Industrial Training Program:[#1]

[1] Completed the **5 days National level online Industrial Training Program** on “Future scope of Engineering in Global development” organized by Electronics and Communication Engineering, Velalar College of Engineering and Technology, Erode, Tamilnadu. In association with Pantech solutions, Chennai from 27th to 31st July 2020.

Faculty Development Program:[#19]

[1] 5 Days FDP on “ Viksit Bharat 2047 - Role of the Engineering faculty” organised by RGUKT, IIIT RK Valley, Kadapa and ALITS, Anantapur, Andhra Pradesh from 29-01-2024 to 02-02-2024.

[2] 1 Week Offline F D P on AGILE SOFTWARE EVOLUTION AND MICROSERVICES MASTERY participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program at BAPUJI INSTITUTE OF ENGINEERING & TECHNOLOGY from 16/10/2023 to 21/10/2023.

[3] 5 days Offline F D P on “ Microsoft Azure AI Engineer Associate” organized by Dept. of CSE, BIET in association with ICT Academy, ISTE and IEI held from 28th August 2023 to 1st September 2023.

[4] 1 Week Offline F D P on “ Google analytics and tools for Data Visualization” held from 24th July 2023 to 1st August 2023 organized by the Dept. of CSE, in association with IQAC, ISTE and IEI - Faculty chapters BIET, Davangere.

[5] 1 day Offline Faculty Development Programme on Data Analytics/Data Management, Fundamentals and Knowledge areas. organized by T&P Cell, BIET, Davangere in association with TCS, held on 07th July 2023. Resource Person: Mahesh Kadam, Technology Head, BFSI, AWS, TCS, Bangalore.

[6] 5 days Faculty Development Programme on Leveraging Paradigms for Augmenting Quality in Teaching Learning and Assessment in Technical Education as per NEP 2020 during 8th -13 th May 2023. Organized by PRESIDENCY UNIVERSITY Association Of Indian Universities & Presidency University - Bengaluru.

[7] 5 days Faculty Development Programme on Leveraging Research Challenges in Information Technology for Teaching Learning Process during 3rd-8th April 2023. Organized by PRESIDENCY UNIVERSITY Association Of Indian Universities & Presidency University - Bengaluru.

[8] 30 Days Certified program on “Masterclass on REACT JS”, implementation of React JS and its application development process flow held from 10/04/2023 to 12/05/2023 - 5.50 to 6.50 PM in online mode. Organized by Pantech e Learning, Chennai-600017. Certificate no: PEL_PATRJSMC_043.

[9] 5 Days FDP on “Microsoft Power BI Data Analyst Associate” held from 10/09/2022 to 14/09/2022 organized by the department of CSE in association with ICT academy and IQAC, BIET, Davangere. (Worked as a volunteer for 5 days).

[10] 5 Days Online FDP on “Deep learning towards Engineering and Bio-medical Applications” held from 16th to 20th May 2022 organized by department of CSE, Mepco Schlenk Engineering college(Autonomous),Sivakasi-05, Virudhunagar district, Tamilnadu. www.mepcoeng.ac.in

[11] AICTE Incorporating Universal Human Values in Education (An AICTE Initiative) 5-day webinar from 9th to 13th May 2022 organized by AICTE.

[12] Successfully completed **6-day Faculty development programme** on “Advances in AI & ML” held from 26-31 July 2021 organized by department of CSE, in association with IEEE CS chapter, The Oxford College of Engineering, Bangalore.

[13] Successfully completed the **3-day Faculty Development Programme** on “Data Science using Python” organized by the Department of Information Science and Engineering, GM Institute of Technology, Davangere. in association with X-CienciaTechnologies India Pvt. Ltd. from 10th-12th September 2020.

[14]Successfully completed the **5-day Faculty Development Programme** on “Deep Learning and Natural Language Processing Using Modern Tools” organized by the Department of Computer Science and Engineering, Bangalore institute of technology, Bangalore. From 21st to 25th July 2020.

[15] Participated in **one week online Faculty Development Program** on “NBA & NAAC Accreditation process” organised by the Internal Quality Assurance Cell(IQAC) M. S. Ramaiah Institute of Technology, Bangalore. Under AICTE Margdarshana Scheme from 4th to 8th June 2020.

[16] Faculty Development Program (**FDP**) on “Student Induction Program-UHV” from 12th to 18th July 2018, **7 day(One week)** Workshop, Organized by BVB College of Engineering, KLE University, Hubballi in association with AICTE, New Delhi. Resource person: RAVIPRAKASH SINHA.

[17] Faculty Development Program (**FDP**) on “Induction Program-UHV” from 7th to 9th June 2018, **3-day** Workshop, Organized by KLS Gogte Institute of Technology, Belgaum in association with AICTE, New Delhi.

[18] Faculty development program(**FDP**)- “ENABLING THE GURU” On 5th& 6th Feb 2008 Organized by L&T Infotech, Bangalore.

[19] Faculty enablement program(**FDP**) on “Foundational computer science courses- An Industry perspective. From 01-05-2006 to 13-05-2006(**Two weeks**), Organized by Infosys Technologies Ltd., Mysore.

Short Term Training Program:[#3]

[1] Participated in One day CPR Training program at the Sharana Samaskruthi Utsava, Chitradurga. July-2021.

[2]Participated in **Five days Short Term Training Program** (Faculty Development Program) on **ISTE** approved “Block chain Technologies and its Applications” from 17th to 21st August 2020. Organized by Dept. of CSE, JNNCE, Shivamogga, Karnataka in association with ISTE.

[3]Participated in**Five days Short Term Training Program**(Faculty Development Program) on ”Frontiers of Computer Science” from 06th to 10th July 2020. organised byDept. of CSE in association with UBIQUE Student Forum, Jain Institute of Technology, Davangere

National level Quiz:[#1]

[1] Participated in **National Level e-Quiz** on “ C Programming & Data Structures” organised By Department of Computer Science & Engineering, SJM Institute of Technology, Chitradurga, Karnataka in association with ISTE on 13th July 2020.

Workshops:[#11]

[1] 2 Day workshop on “Skills for Quality Research and Publications” on 8th and 9th september 2023 at BIET, Davangere, in association with KAAS and IQAC -BIET.

[2] Convenor for the two day workshop titled “Interface of IPR in academics and Entrepreneurship” held on 2 & 3 March 2023 at Bapuji Institute of Engineering & Technology (BIET), Davangere

[3] 2 Days Participated in the two day workshop titled "Advance training on IPR" held on 23 & 24 February 2023 at K. S. Institute of Technology, Bengaluru

[4] 1 Day Workshop organized by Department of CSE in association with IQAC Cell, & IIC BIET event on “Techniques, Strategies and Recipes for building a Modern Database Application” for 5th semester, CSE students on 14/12/2022. **Resource Person:** Prof. Bharath H C, Asst. Prof., CSE, BIET. **Event Coordinators:** Dr. Chetana Prakash, Dr. Gururaj T, Prof. Chandrashekar M V, Prof. Rachana G Sunkad, CSE, BIET, Davangere.

[5] 6 Day/ one week orientation/Refresher programme on “Recent Trends in Machine Learning and Pattern Recognition” held during 06-12-2021 to 11-12-2021 organised by GM Institute of Technology, Davangere.

[6] One day activity based workshop on “Innovation harvesting and IP protection”, conducted by iSETiLab INCUBATOR FOUNDATION on 11th December 2021 at SJMIT, Chitradurga. Trained by: Mr Kishor Jagidar, iSETiLab and Dr. Cyril Prasanna Raj, iSETiLAB.

[7] One day **Workshop** on ‘Linux’held at Bapuji Institute Of Engineering And Technology, Davangere on 23 August 2019. This training was organised by the Teaching Learning Centre, ICT at IIT Bombay.

[8] One day **Workshop** on “Python”, Organized by Teaching Learning Center (ICT) at IIT Bombay in association with Bapuji Institute of Technology, Davangere on 22nd June 2019.

[9] One day **workshop** on “IQAC – New Guide Lines & Submission of AQAR” organised by S J M Institute of Technology, Chitradurga on 30th June 2018 at Sir.M.V.Hall the guidance of DrVishnukant.S.Chatapalli, Advisor, NAAC, Bangalore.

[10] “Internet Of Things (IoT)” from 22nd to 24th May 2017, **3-dayWorkshop**, Organized by dept. of ISE, Ramaiah Institute of Technology, Bangalore, in association with IEEE Computational Intelligence Society, Bangalore.

[11] “Big Data Analytics” **Workshop** on 22nd and 23rd August 2014, Organized by Dept. of ISE, BIET, Davangere.

Webinars:[#11]

[1] 21 Days webinar on “ARVR (Augmented and Virtual reality) Master Class” from 18/05/2022 to 08/06/2022 - 7.00 to 7.45 PM Organized by Pantech e Learning, Chennai-600017. Certificate no: PS-ARVRMCPARTI-126

[2] Participated in the **Webinar** on “Scientific Writing for Journals” organized by Springer Nature on 30th Sep 2020 in collaboration with VTU Consortium.

[3] Participated in the **Webinar** on “Artificial Intelligence and Its Relevance in Assistive Technology” Organized by Department of Computer Science and Engineering, Vivekananda Institute of Technology, Bengaluru on August 8th, 2020.

[4] Participated in a **webinar** on "Blockchain for Beginners" organized by Department of Computer Science and Engineering, Vivekananda Institute of Technology, Bangalore-74. On July 13th 2020. Resource Person: Dr. Kiran M, Asst. Prof., Dept. of Information Technology, NITK, Surathkal, Mangalore, India.

[5] Participated in a **webinar** on “Basics of Machine Learning” organized by Dept. of ISE, East West Institute of Technology, Bangalore. On 01/07/2020.

[6] Participated in a webinar on “Smart Irrigation using Internet of Things ” jointly organized by Dept. of Civil Engg. & Computer Science & Engg. GMIT, Davangere on 15/6/2020.

[7] Participated in the webinar on "Project-based Learning & Development of Employability Skills' ' presented by Prof. (Dr.) P S Grover Delhi University KIIT Group of Colleges, Gurgaon, Organized by Department of Information Science & Engineering, GSSSIETW, Mysuru held on 9th June 2020.

[8] Participated in one-day National level webinar on “EMERGING TRENDS IN DATA ANALYTICS” on 9th June 2020 organised by the Department of Computer Science & Engineering, Proudhadivaraya Institute of Technology, Hosapete.

[9] Participated in a **webinar** on "Campus to Corporate " presented by Prof. A. R. Dwarakanath MA, PGDBA Chairman & National Council Member, Indian Society For Training & Development, Mysuru Chapter, Organized by Department of Information Science & Engineering, GSSSIETW, Mysore held on 8th June 2020.

[10] **Webinar** on “Career road map for AI Professionals” Organised by Dept. of ISE, Don Bosco Institute of Technology, Bangalore, held on 05 June 2020.

[11] **Interactive Webinar** On “Research and Research Article Preparation in Image Processing and Artificial Intelligence” organised by Department of Studies and Research in Computer Science, Davangere University, held on 03 June 2020.

Resource Person:(Recent Activities)

[1] Presented Seminar on “Bioinformatics and its impact on Genomes” , conducted by Faculty Conclave 2.0, CSE, BIET on 29/09/2022.

[2] Guest speaker on “Virtual and Augmented Reality: Changing Horizons in Dentistry”, conducted by Staff Welfare and Development committee held at College of dental sciences, Davangere on 05-04-2022.

Patents:[#3]

[1] UNITED KINGDOM (UK), Design Grant: **Title of Invention:** AI based Medicine Dispensing Device
Application number/ Design number: 6281671 filling date/Registration date: 11/05/2023 grant date: 21 May 2023, Link: <https://www.registered-design.service.gov.uk/find/6281671>

[2] Indian patent publication: **Title of Invention:** Artificial Intelligence Based System to direct the drugs to the faulty DNA Sequences and tailoring the Gene Sequences. **Application number:** 202241050446 dated 02/09/2022 Published date: 09/09/2022

[3] Indian patent publication: **Title of Invention:** Blockchain Technologies for Disaster Risk Reduction and Management during Emergency. **Application number:** 202211022825 dated 18/04/2022 Published date: 20/05/2022

Events Organized:(Recent Activities)

[1] Convenor for the three-day workshop titled “Research Methodology and IPR” held from 16th to 18th January 2024 at Bapuji Institute of Engineering & Technology, Davangere. In association with BIET Research and Development Foundation, BIET-KSCST IP Cell, and MSME Centre of Excellence-IISc, Bangalore.

[2] Convenor for the two day workshop titled “Interface of IPR in academics and Entrepreneurship” held on 2 & 3 March 2023 at Bapuji Institute of Engineering & Technology (BIET), Davangere

[3] 5 Days FDP on “Microsoft Power BI Data Analyst Associate” held from 10/09/2022 to 14/09/2022 organized by the department of CSE in association with ICT academy and IQAC, BIET, Davangere. (Worked as a volunteer for 5 days).

[4] 1 Day Workshop organized by Department of CSE in association with IQAC Cell, & IIC BIET event on “Techniques, Strategies and Recipes for building a Modern Database Application” for 5th semester, CSE students on 14/12/2022. **Resource Person:** Prof. Bharath H C, Asst. Prof., CSE, BIET. **Event Coordinators:** Dr. Chetana Prakash, Dr. Gururaj T, Prof. Chandrashekar M V, Prof. Rachana G Sunkad, CSE, BIET, Davangere.

Research Interest:

Data Mining, Big Data, Big Data Analytics, Machine Learning, Bioinformatics and Generative AI.

Recently handled subjects for UG and PG:

DBMS, ADBMS, Big Data Analytics, Design & Analysis of Algorithms, Data Structures using C & Managing Big Data.

Responsibilities handled/handling at department level:

Timetable Coordinator.

NBA CSE Dept. Coordinator.

Involved in NAAC and NBA work.

CSE ERP coordinator.

First year Course coordinator (DQAC).

Responsibilities handled/handling at college level:

BIET IQAC Member.
NBA/NAAC Institutional file I-12 Coordinator.
NAAC-II Cycle Coordinator for criterion 7.
BIET QPDS Member.
AICTE - IDEA Lab member.

Technical Skills:

Programming languages : C, C++, JAVA & Python
Web Related Technologies : JavaScript, Servlets, RMI, PERL, PHP and CGI.
Back end : ORACLE 11g.
Operating System : Windows, Linux

Personal Profile:

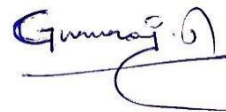
Date of Birth : 15th August 1979.
Sex : Male.
Marital Status : Married.
Nationality : Indian.
Religion : Hindu, Arya Vysya.

Declaration:

I hereby declare that all the details furnished above are true to the best of my knowledge.

Date:

Place:



Dr. GURURAJ.T