

# RESUME

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

No. 8, "TEJAS",  
I Main, 3<sup>rd</sup> Cross, Marulappa Layout,  
Medehalli Road,  
CHITRADURGA-577502.

**E-mail** : raj80guru@gmail.com  
**Mobile** : +91-94485-89241/70196-63932  
**ORCID ID** : 0000-0001-7850-6181  
**VTU ID** : 4SMCS0000717  
**LMISTE** : LM47342

## 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**

**Under Guidance:** Dr. Siddesh.G.M M.Tech.,PhD, Asso. Professor, Dept. Of IS & E, 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:17+ Years of Teaching Experience

✓ 17-11-2004 to Till date

Working as Associate Professor in the dept. Of CS&E,**S.J.M. Institute of Technology**, Chitradurga, Karnataka.

✓ 02-09-2002 to 30-06-2003 (Two Semesters)

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

## Research Interest:

Data Mining, Big Data, Big Data Analytics, Machine Learning & Bioinformatics.

## Recently handled subjects for UG and PG:

DBMS, ADBMS, Big Data Analytics, & Managing Big Data.

## **Publications & Conferences:**

### **International Journals:[#8]**

[1]Gururaj.T & Siddesh G.M (2020), “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 and Accepted: 20-03-2020) **{Indexed in: Scopus, WoS(ESCI), Compendex (Elsevier Engineering Index), DBLP; Unpaid}**

[2] 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> Publisher Name Bentham Science Publisher Online ISSN 2666-2566 (Date of Submission: 14-02-2020, Revision Received 28-05-2020 and Accepted: 09-06-2020) **{Indexed in: Scopus, Compendex (Elsevier Engineering Index); Unpaid}**

[3] Gururaj.T & Siddesh G.M (2020)(communicated), “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)(Date of Submission: 09-11-2020) ) **{Indexed in: Scopus, WoS(ESCI), Compendex (Elsevier Engineering Index), DBLP; Unpaid}**

[4] 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}**

[5] 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/>

[6] 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

[7] 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](http://www.ifrsa.org).

[8] 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](http://www.ijcsit.com).

### **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. 2020K. 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](https://doi.org/10.1007/978-981-15-2445-5_6)

### **International conference:[#1]**

[1] 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”, 4<sup>th</sup>**National Conference** on Emerging Trends in CSE, NCETCSE-2018, 4<sup>th</sup> 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](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, Malnad College 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:[#1]{IEEE}**

[1] 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)

[2] Worked as Reviewer for IGI Global publishers, Blockchain for agri-food supply chain and logistics management, book chapters evaluation.

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

#### **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 27<sup>th</sup> to 31<sup>st</sup> July 2020.

## **Faculty Development Program:[#8]**

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

[2] Successfully completed the **3-day Faculty Development Programme** on “Data Science using Python” organised 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.

[3]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.

[4] 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 4<sup>th</sup> to 8<sup>th</sup> June 2020.

[5] Faculty Development Program (**FDP**) on “Student Induction Program” from 12<sup>th</sup> to 18<sup>th</sup> 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.

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

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

[8] 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:[#2]**

[1]Participated in**Five days Short Term Training Program**(Faculty Development Program) on**ISTE** approved ”Blockchain Technologies and its Applications” from 17th to 21st August 2020. organised byDept. of CSE, JNNCE, Shivamogga, Karnatakain association with ISTE.

[2]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 13<sup>th</sup> July 2020.

## **Workshops:[#5]**

[1] 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.

[2] One day **Workshop** on "Python", Organized by Teaching Learning Center (ICT) at IIT Bombay in association with Bapuji Institute of Technology, Davangere on 22<sup>nd</sup> June 2019.

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

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

[5] "Big Data Analytics" **Workshop** on 22<sup>nd</sup> and 23<sup>rd</sup> August 2014, Organized by Dept. of ISE, BIET, Davangere.

## **Webinars:[#10]**

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

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

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

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

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

[6] 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.

[7]Participated in one-day National level webinar on "EMERGING TRENDS IN DATA ANALYTICS" on 9th June 2020 organised by theDepartment of Computer Science & Engineering, Proudhadevaraya Institute ofTechnology, Hosapete.

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

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

[10] **Interactive Webinar** On "Research and Research ArticlePreparation in Image Processing and Artificial Intelligence" organised by Departmentof Studies and Research in Computer Science, Davangere University, held on 03 June2020.

### **Responsibilities handled/handlingat department level:**

Alumni Co-Ordinator  
Project Co-Ordinator  
Grievance Redress Cell  
Involved in NAAC and NBA work

### **Responsibilities handled/handlingat college level:**

UHV Co-Ordinator  
NAAC 4.3  
SSU-2020  
Grievance Redress Cell  
Involved in NBA Criteria 2  
SMS Co-Ordinator

### **Technical Skills:**

Programming languages	: C, C++, JAVA& Python
Web Related Technologies	: JavaScript, Servlets, RMI, PERL, PHP and CGI.
Back end	: ORACLE 10g.
Operating System	: Windows, Linux

### **Personal Profile:**

Date of Birth	:15 <sup>th</sup> 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.

GURURAJ.T