Profile

Dr. G T Raju

Principal

Professor, Dept. of Information Science and Engineering
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Education:

- **B.E.** in Computer Science and Engineering from Kalpataru Institute of Technology, Bengaluru University-Bengaluru during 1988-92
- **M.E.** in Computer Science and Engineering from BMS College of Engineering, Bengaluru University-Bengaluru during 1993-95
- **Ph.D.** from Visvesvaraya Technological University-Belagavi during 2008.

Experience:

- **28** years of experience in Teaching, Training, Research and Administration

Professional Experience and Skills:

- Served in various capacities including Lecturer, Assistant Professor, Professor & Head of the Department of CSE, Dean of Engineering, Vice Principal and Principalat reputed Institutes like KIT, BMSCE, RNSIT and TOCE.

  - Currently working as Principal, SJC Institute of Technology, Chikkaballapur, from Feb 2021
  - Principal, TOCE (Nov 2020-Jan 2021)
  - Vice Principal, RNSIT (Jun 2018-Oct 2020)
  - Dean of Engineering, RNSIT (July 2012-May 2018)
  - Professor & Head of CSE Dept., RNSIT (July 2008-Oct 2020)
  - Assistant Professor & HOD of CSE Dept., BMSCE, Bangalore (Mar 1999-June 2008)
  - Assistant Professor & HOD of CSE Dept., KIT, Tiptur (Nov 1992-Feb 1999)

- Strong presentation skills, effective leadership,collaboration & team building capabilities with zeal to adapt to latest technological trends
- Member of Professional Societies including ISTE and CSI.
- Coordinator and Expert committee member of NBA and NAAC Accreditation Process - SAR & SSR preparation and guidance
- Member of the Statutory Committees at VTU and Autonomous Institutions

  - Member of Admissions Committee for Ph.D. in Faculty of CSE of VTU
  - LIC Committee member, VTU
  - VTU Nominee for Autonomous Institutions – RVCE, Dr. AIT, SIT, NMIT
  - Member, BOS and BOE, CSE/ISE Board, VTU and other Autonomous Institutions: Dr. AIT, SIT, RVCE, SSIT
  - Member, BOS, Tumkur University, Christ University, Jain University, National College
  - Member, BOS, School of E&C, REVA University
  - Chairman, BOE in CSE/ISE, Bangalore University
  - Programme-In-Charge, IGNOU Study Centre, BMSCE
  - Secretary, Science and Cultural Forum(UTSAV), BMSCE
  - Executive Committee member of ISTE Chapter, BMSCE
  - Subject Expert – Staff Selection Committee at RVCE, Dr. AIT, DonBosco IT, Sapthagiri CE, AMCCE, RRCE, VKIT, EWIT, Shridevi Inst. Of Tech, Tumkur, KSSEM, B'lore, KIT, Tiptur
  - Deputy Chief Coordinator, VTU Valuation Centre @ RNSIT
  - Institutional Statutory and functional committees of the colleges - Planning, Academic Audit, Faculty Appraisal, Kannada writing Club-Chiranuthana, Hostel, Anti-ragging, Discipline, Training and Placement, Admission, NBA and NAAC
  - Invited Speaker – OBE, NBA and NAAC related topics, latest technological trends in CS and IT
  - Chairperson and Reviewer, International Conferences and Journals

Subjects Taught:

Data Structures in C/C++, Computer Graphics, Artificial Intelligence and Agent Systems, RDBMS, OS, Parallel Processing, Advanced Computer Architecture, Analysis and Design of Algorithms, Microprocessors, System Software, Advanced DBMS, Pattern Recognition, Neural Networks, Data Warehousing and Mining, Unix and Shell Programming, Unix Systems Programming, Embedded Systems, Real Time Systems, Programming Languages, Advanced Algorithms, Fault Tolerant Computing Systems, Computer Organization, Discrete Mathematical Structures, Object Oriented Programming, OOAD, Principles of Programming Languages, Finite Automata and Formal Languages, Compiler Design, Logic Design, Software Engineering, Distributed Computing Systems, Network Programming, Web Programming with LAMP, Programming in C/C++/ Java, Python Application Programming

Research Experience and Significant Contributions:

- **Areas of Research Interest**:Knowledge Discovery in Databases, Clustering and Prefetching techniques, Pattern Recognition, Web Mining and its Applications, Image Processing, Semantic Web, Information Retrieval Techniques, AI and Machine Learning. P
- Produced 18 doctorates and currently guiding 6 Research Scholars under VTU-Belagavi.
- Published 120+ papers in indexed journals and conference proceedings (80+ Papers in Refereed International Journals, 40+ Papers in International Conferences, 5+ papers in National Conferences)
- Authored 5 Technical books and book chapters in four books.
- Completed several funded projects and obtained two US patents.
    - 12 Lakhs from AICTE under MODROB Scheme during 1995-96
    - 09 Lakhs from VTU and AICTE under Research Grant Scheme during 2011-12
    - 25 Lakhs from VGST under Research Grant Scheme during 2016-17

FDPs / Workshops / Conferences Organized and Attended, Technical Talks and Projects Guided:

- Organized 45+ Workshops/FDPs & 3 International Conferences
- Attended 72+ Workshops/FDPs/Seminars & 46+ National/ International Conferences
- Delivered 55+ Invited/Technical Talks
- Guided 95+ projects for UG Students, 55+ projects for PG Students, 15+ projects for MCA.

Awards:

- **School Topper,** GHPS, Lakkanahally, SiraTq. Tumkur Dt.(1980-81)
- **College Topper –** ME in CSE**,** BMSCE, Bangalore (1994-95)
- **Distinguished Alumni of KIT,**Tiptur, (2013)
- **Best Teacher Award**, RNSIT, Bengaluru (2012-13)
- **Rajiv Gandhi Gold Medal Award** for Outstanding Individual Achievement and Distinguished Services in Education and Research (2015).