



DR. RAGHAVENDRA M ICHANGI

📍 Kalaburagi, 585367

☎ +919538986285

✉ rmichangi@cuk.ac.in
rmichangi@gmail.com

RESEARCH AND PROFESSIONAL ID:

- SCOPUS ID: 59453666400
- ORCID ID: 0009-0005-5514-2238
- Web of Science Researcher ID: LLM-9725-2024
- LinkedIn id: www.linkedin.com/in/raghavendra-ichangi-8935bb1b1
- Google Scholar id:
<https://scholar.google.com/citations?user=oRqvYq8AAAAJ&hl=en>
- Researchid: <https://researchid.co/rmichangi>

SUMMARY

Motivated Assistant Professor with **18+** years of experience specializing in Computer Science and Engineering. Strong background in creating insightful research papers which increased Institute's exposure and helped students' learning development. Swiftly establishing strong relationships with pupils, increasing class engagement and enjoyment.

EXPERIENCE

Assistant Professor, 04/2026 – till date

Central University of Karnataka, Kalaburagi

- Planned and delivered lessons on Discrete Mathematical Structures
- Conducting student assessments to measure progress and growth in Theory b Examinations.
- Worked closely with professor to define objectives, guide research and manage deadlines for curriculum for M.Tech. in Artificial Intelligence and Machine Learning.

Assistant Professor, 02/2024 – 15/04/2026

Sphoorthy Engineering College, Nadargul, Hyderabad

- Planned and delivered lessons on Algorithms Design and Analysis, Automata Theory and Compiler Design and many other subjects
- Conducting student assessments to measure progress and growth in Theory and Lab Examinations.
- Worked closely with professor to define objectives, guide research and manage deadlines for curriculum.
- Delivered engaging lectures, seminars and tutorials, increasing class productivity.
- Coordinated with colleagues in continuous reviews and curriculum development, ensuring students receive high-quality courses.

Assistant Professor, 03/2023 - 01/2024
Guru Nanak Institutions Technical Campus, Hyderabad

- Planned and led lessons on Fundamentals of Operating Systems, Python Programming.
- Conducted student assessments to measure progress and growth in Theory and Lab Examinations.
- Collaborated with staff members in completing the department work, documentation and assessment as per NBA and NAAC.
- Assisted in planning and development of teaching materials, workbooks and class projects.

Programme Co-ordinator (Head), 09/2019 - 03/2023
KSRDPR University, Gadag Karnataka

- Head of the Department
- Convener, Technical Advisory Committee (TAC), KSRDPR University
- Member, Board of Studies (BoS), M.Sc. Computer Science (Data Analytics)
- Member, Board of Examinations (BoE), M.Sc. Computer Science (Data Analytics)
- Member, Board of Studies (BoS), B.Sc. (Hons) in Geoinformatics and Computer Science
- Member, Board of Studies (BoS), Skill Board
- Co-ordinator, Social Media Cell KSRDPR University (KSRDPRUSocial)

Assistant Professor, 08/2006 - 09/2019
SKSVM Agadi College of Engg. and Tech., Laxmeshwar, Karnataka

- Planned and led lessons on Formal Languages and Automata Theory, Graph Theory, Operating Systems etc..
- Conducted student assessments to measure progress and growth in Theory and Lab Examinations.
- Collaborated with staff members in completing the department work, documentation and assessment as per NBA and NAAC.

SKILLS

- | | |
|--|------------------------------|
| • Professional networking | • Academic leadership |
| • Entrepreneurship expertise | • Subject-Specific knowledge |
| • Interdisciplinary collaboration | • Quality education |
| • Academic advising | • Syllabus development |
| • Programme development and management | • Curriculum development |
| • Student development | |

EDUCATION

Visvesvaraya Technological University (VTU), Belgaum, KA. 2026
Ph.D: Social Network Analytics

- Registered in the year 2020
- Published Research Articles on the research topic.
- Thesis title - "Analysis of Digital Marketing on various Social Media Platforms"

National Institute of Technology Karnataka (NITK), Surathkal, KA, 2013
M.Tech.: Computer Science and Engineering- Information Security

- Coursework in Computer Science and Engineering- Information Security
- First Class

Tontadarya College of Engineering, Gadag, KA, 2005
Bachelor of Engineering: Information Science and Engineering

- Coursework in Computer Science and Information Science
- First Class with Distinction

Jawahar Navodaya Vidyalaya, Dharwad, KA, 2001
PUC II: Science

- First Class with 72%
- CBSE Board
- Well-disciplined Residential School

Jawahar Navodaya Vidyalaya, Dharwad, KA, 1999
SSLC: Science

- First Class 67%
- CBSE Board
- Well-disciplined Residential School

ACHIEVEMENTS

- **Ratified** Assistant Professor by **JNTU** Hyderabad.
- University Grants Commission–**National Eligibility Test (NET)** qualified.
- **Karnataka State Eligibility Test (K-SET)** qualified.
- Graduate Aptitude Test in Engineering. (**GATE**) 2011.
- **NPTEL Discipline Star** in Computer Science and Engineering

APPRECIATIONS

- Event Co-Ordinator – “Paper/Poster Presentation – PRAZASTI 2K26” , National Techfest organized by Sphoorthy Engineering College, Hyderabad on 12th and 13th February 2026.
- IT Professional for "**Neravu -District Covid-19 War Room**" -Gadag District Administration and Karnataka State Rural Development and Panchayat Raj University Gadag, May - June 2021.

**CONFERENCES
(NATIONAL /
INTERNATIONAL)**

- 6th International Conference on Image Processing and Capsule Networks (ICIPCN-2026)
- 2nd International conference on Advancements in Power, Communication, and Intelligent systems (APCI 2025)
- The International Conference & Start-up Conclave on Science, Engineering & Technology (ICSCSET 2025)

- International Conference on Advances in Computing, Communication and Materials (ICACCM 2024)
- National Conference on Sustainable Development (NCSD 2025)
- 5th International Conference on Advances in Information Communication Technology and Computing (AICTC-2024)

BOOKS AND PUBLICATIONS

- "Deep Learning and IoT Enabled Real-Time Water Quality Surveillance and Decision Support Systems" - International Journal of Aquatic Research and Environmental Studies , ISSN: 2980-7840 - **Scopus Indexed (Q2)**
- "Deep Learning Applications for Improving Early Detection and Staging Accuracy in Alzheimer's Disease" – SN Computer Science, Springer, ISSN : 2662-995X - **Scopus Indexed (Q1)**
- "Transformer-Based Semantic Self-Attention Regression for the Evaluation of Customer Satisfaction in Social Media Data" - ETASR Journal ISSN : 2241-4487 - **Scopus Indexed (Q2)**
- "Discretized Recurrent Deep Learning Classifier based on Stochastic Gradient ChatGPT to Improve Lead Conversion Rate"- ETASR Journal ISSN : 2241-4487 - **Scopus Indexed (Q2)**
- "QEMF for spatial domain pre-processing in iris biometrics: advancing accuracy and efficiency in recognition systems", BEEI Journal, ISSN : 2089-3191- **Scopus Indexed (Q3)**
- Revolutionizing Brain Tumor Classification with Fusion-Driven Deep Learning Models : IEEE - **Scopus Indexed**
- "Exploring Non-convex Optimization in Sparse Signal Recovery: A Comparative Study of Non-convex Dantzig Selector and LASSO",- **Scopus Indexed**
- "The Role of AI In Identifying Bearing Faults Of Renewable Energy Systems"-IEEE - **Scopus Indexed**
- "Automated Brain Tumour Classification and Segmentation using Deep Neural Networks" - IEEE - **Scopus Indexed**
- "Developing a Wireless Network for Optimum Distance Learning Assistant", The Bioscan - **Web of Science**
- "Deep Learning Powered Arrhythmia Diagnosis and Treatment With Noise Detection", Journal of Engineering Sciences,2024 - **UGC**
- "Cropcast: Forecasting Agriculture Yields", Journal of Engineering Sciences,2024 - **UGC**
- "A Survey paper on Applications of Data Analytics", International Journal for Research in Applied Science and Engineering Technology,2021- **UGC**
- "Social Media Analytics – Applications and Tools for Social Media Networks", International Journal of All Research Education and Scientific Methods (IJARESM),2021-22- **UGC**
- "A Comparative Study of Various Digital Marketing Tools for enhancement of customer outreach", International Journal for Research in Applied Science and Engineering Technology,2021- **UGC**
- "Analysis of Big Data Analytics for Social Media Platforms", International Journal for Research in Applied Science and Engineering Technology,2021 – **UGC**
- "Machine Learning for Real-Time Applications", Deccan International Academic Publishers 2023, ISBN: 9788196371463 - **Book**

PATENTS

- Zero knowledge proof-based authentication for cloud services No: 202541087946 A **(Published)**
- Solar Energy Power Distribution Device: Application No:423406-001 **(Design Patent – Published)**
- AR-based object recognition system for assisting visually impaired individuals. Application No: 202441085355 A **(Published)**
- Artificial Intelligence based Automated Pedestrian Lane Detection for Self- Driving Cars using AI Jet. Application No: 202341043009 A **(Published)**
- Environmental Regulation Of Nucleus-Encoded RNA Processing Machinery: Implications for Cellular Homeostasis. Application No: 202441031169 **(Published)**
- Context aware digital twin system for remote patient monitoring and intervention No: 202541055775 A **(Published)**
- Method for optimizing digital marketing strategies in multinational corporations using deep learning – No: 202441045635 **(Published)**

NPTEL CERTIFICATIONS

- **NPTEL Discipline Star** in Computer Science and Engineering **JULY 2025**
- Data Structures and Algorithms Design – July -Oct 2025 Elite , FDP
- Theory of Computations - Jan -April 2025 Elite, Certificate
- Blockchain and its applications – FDP Certificate, Jan -April 2025
- "Cloud Computing", - Jul-Oct 2024, Elite, FDP Certificate
- "Data Science using Python", - Jul-Oct 2024,
- "Social Network Analysis", - Jul-Oct 2024, FDP Certificate
- "Data Analytics with Python" - Jan-Apr 2024, FDP Certificate
- "Introduction To Internet of Things" - Jul-Oct 2023, Elite + Silver, FDP Certificate
- "Introduction To Operating Systems" - Jul-Oct 2023

LANGUAGES

English:	C2	Kannada:	C2
			
Proficient		Proficient	
Hindi:	C1	Telugu:	B1
			
Advanced		Intermediate	

PERSONAL INFORMATION

Date of birth: 22/07/1983
Marital status: Married

Nationality: Indian
Gender: Male

DECLARATION

I hereby declare that all the information given above is true and correct to the best of my knowledge. All the information shared in the curriculum vitae is correct, and I take full responsibility for its correctness. I solemnly declare that the information in this resume is true to the best of my knowledge and belief.

Raghavendra M Ichangi