

## CURRICULUM VITAE

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### Dr. RAMAKRISHNA HEGDE

B.E. MTech, Ph.D

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Professor,

Email: [-ramhegde111@gmail.com](mailto:-ramhegde111@gmail.com)

Dept. of Computer Science and Engineering

Permanent ISTE membership number - 67051

VTU/AICTE Faculty Registration number – 1-7430993104

Senior Member IEEE Membership ID : 95064267, 90694885 (Old IEEE ID)

EXECOM member and Secretary(2021 and 2022) – IEEE CS, Bangalore Chapter

Treasurer IEEE Mysore Sub Section,

Chair - IEEE Bangalore System Council

International Association of Engineers (IAENG), Hong Kong – 187779

ISO/IEC 27001 -2013 ISMS Lead Auditor – CQI UDN 143942

ResearcherID: B-4176-2018

ORCID : 0000 0001 7121 5648

Scopus ID : 56242461400, 57223695124,

<http://www.scopus.com/authid/detail.url?authorId=56242461400>

Google Scholar: <https://scholar.google.com/citations?user=WPsMMF8AAAAJ&hl=en&authuser=1>

Publon: <https://publons.com/researcher/1408841/dr-ramakrishna-hegde/>

ResearchGate: [https://www.researchgate.net/profile/Ramakrishna\\_Hegde4](https://www.researchgate.net/profile/Ramakrishna_Hegde4)



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### CAREER SUMMARY

- More than 22 years of professional experience (Teaching 17 years , 5 years Industry and 5 years research(part time))
- Professor & PG Coordinator (M.Tech)
- Cyber Volunteer approved by MHA, Govt. of India, I4C.
- Senior Member IEEE
- Reviewer / Scientific Committee Advisor for many International Journals / IEEE Conferences.
- Expert advice on Cyber Security in Suvarna 24X7 news, All India Radio regularly (recently given Cyber Security issues expert advice on “Gruha Jyothi Yojana online portal” , Govt. of Karnataka).

- Editorial Board member for many International Journals.
- Secretary(2021 and 2022) and Member Executive Committee- IEEE Computer Society, Bangalore Chapter, IEEE Mysore Sub Section and IEEE Bangalore System Council.
- Treasurer and Member Executive Committee – IEEE Mysore Sub Section 2024 and 2025
- Currently working as Professor in the Department of Computer Science & Engineering, JSS Science Technology University, Mysore and have 17 years of teaching experience in Engineering College and 9 years of industry experience.
- Highest academic qualification is Ph.D in Computer Science and Information Science from VTU, Belgaum
- Involved in extensive research in Computer Science & Engineering and published more than 30 research papers in International Journals.
- International Conferences : More than 15.
- 17 patents published
- Participated & presented the research paper in two national conferences and ten International Conferences including conference held at Edinburgh, United Kingdom.
- Handled additional responsibility as Head - Training& Placement from Jan 2014 to Jan 2020 at SDM Institute of Technology, Ujire
- Coordinated (Chief Coordinator) more than 150 academics and non academic events.
- Involved in university works.
- Attended more than 35 workshops/FDP in Computer Science & Engineering field around the country.
- Professional Bodies Member – IEEE, ISTE, CQI/IRCA/ISO(ISMS), IAENG
- Successfully completed Bike Riding Adventures activity in Himalayan Region about 2200 kms distance ride recently.

### **PROFESSIONAL SOCIAL MEDIA DETAILS:-**

[linkedin.com/in/ram-hegde-a0274675/](https://www.linkedin.com/in/ram-hegde-a0274675/)

[facebook.com/ram.hegde.311](https://www.facebook.com/ram.hegde.311)

<https://github.com/rvhegde>

<https://www.researchgate.net/lab/Ramakrishna-Hegde-Lab-2>

ResearcherID: B-4176-2018

ORCHiD : 0000 0001 7121 5648

Scopus ID: 56242461400,

<http://www.scopus.com/authid/detail.url?authorId=56242461400>

Google Scholar: <https://scholar.google.com/citations?user=WPsMMF8AAAAAJ&hl=en&authuser=1>

Publons: <https://publons.com/researcher/1408841/dr-ramakrishna-hegde/>

ResearchGate: [https://www.researchgate.net/profile/Ramakrishna\\_Hegde4](https://www.researchgate.net/profile/Ramakrishna_Hegde4)

### **EDUCATIONAL PROFILE:-**

SL NO	QUALIFICATION	UNIVERSITY	PASSING YEAR	% OF MARKS
1	<b>Ph.D</b> – Faculty of Computer and Information Sciences	VTU, Belgaum	2020	-----
2	<b>MTECH</b> –Computer Science and Engineering	VTU, Belgaum	2012	FIRST CLASS 7.27 / 10
3	<b>B.E</b> – Computer Science and Engineering	VTU, Belgaum	2004	FIRST CLASS 65%
4	<b>DCSE</b> -Diploma in Computer Science and Engineering	Technical Board, Karnataka	1996	SECOND CLASS 58%
5	ISO 27001-2013 Lead Auditor (Information Security Management Systems) ISMS	CQI /IRCA TUV SUD South Asia Pvt Ltd.,	2018	Completed Successfully

**PROFESSIONAL EXPERIENCE:-TOTAL 22 YEARS**

**Teaching** - 17 years (Currently- May 2025 to present)  
At JSS Science and Technology University

**Head Training and Placement** - 6 years (Jan 2014 to Jan 2020) at  
SDM Institute of Technology, Ujire

**Industrial** - 5 Years (2004 TO 2009)  
4 Years (1996 to 2000)(Before graduation, after Diploma)

**Present Experience detail**

**Teaching/Training/Placement**

- Currently working as Professor, Dept. of CSE, JSS Science and Technology University, Mysore since 29.05.2025 to present.

**Past Experience Details**

- Worked as a Associate Professor and PG Coordinator Dept. of CS & E at Vidyavardhaka College of Engineering, Mysore, since 06-02-2020 to 28.05.2025
- Worked as **Assistant. Professor.** Dept. of CSE. at SDM Institute Of Technology, Ujire, since **01-07-2009 to 30-01-2020**
- Additional responsibility as **Head - Department of Training and Placement** at SDM Institute Of Technology, Ujire, since **02/2014 to Jan 2020**

- Worked as **Assistant Training & Placement Officer** at SDM Institute of Technology, Ujire since **06/2013 till 01/2014**.
- Worked as **Placement Coordinator** at SDM Institute Of Technology, Ujire, since **07/2009 till 12/2014**.

### **Industrial**

- Worked as **Associate Software Consultant** in ONS Consultancy Services, Bangalore from May 2004 to June 2009 – Approximately 5 years.

**Job Profile: 1.** Managing of online portal on the following domains.

- 1) General Online Advertisements.
- 2) Online Property Infrastructure.

**2.** Managing the Office Administration.

- Worked as **System Admin/Business Development Executive** in John,s Property and Infrastructure Consultants, Bangalore from March 1996 to May 2000.

**Job Profile:**

1. Business Development – Interact with High profile clients and present the property investment opportunities in Bangalore.
2. System/Office administration.

### **AWARDS/RECOGNITION/ APPRECIATION RECEIVED**

- Appreciation received from UTL Technologies Ltd., Bangalore for successfully organizing Govt. of India sponsored PMKVY Skill development programs for 225 students in SDMIT, Ujire.(Highest in Coastal Karnataka)
- Awarded **Best Research Paper** in International Conference at **Edinburgh, United Kingdom on 22<sup>nd</sup> and 23<sup>rd</sup> of July 2017** and paper titled “ Edge Based Classifier for Secrete Hiding using LSB Steganography on Images with Improved Ceaser Cipher Cryptography”

### **SUBJECT /LABORATORY HANDLED:**

- Data Communication
- Cyber Security
- Information Security
- Data Mining
- Storage Area Network
- Software Architecture,
- Software Testing,

- Programming C
- System Software,
- Management & Entrepreneurship,
- Embedded Computing Systems,
- Microprocessor.
- OOMD
- Software Engineering,
- Networking Lab,
- System Software and Operating System Lab,
- Data Structure Lab,
- CCP Lab, DBMS Lab,
- EC & LD Lab,
- Microprocessor Lab.

## LIST OF PUBLICATIONS

<i>International Journals</i>	<i>17</i>
<i>National Journal</i>	<i>NIL</i>
<i>International Conferences</i>	<i>25</i>
<i>National Conferences</i>	<i>02</i>
<i>Total</i>	<i>44</i>

### Ph.D Title:

Secure Data Transmission Techniques over the Networks by using Steganography

### Research Supervisor:

Approved Research Supervisor for 1. University of Mysore, Karnataka, India 2. Visvesvaraya Technological University, Belagavi, Karnataka, India

Number of Research Scholars Guiding: 03

### Patents

No. of Patents Published – 20

- System For Detection Of Mental Health Issues Using Machine Learning. Application No. 202341066685, dated: 13/10/2023
- Video Surveillance and Tracking System using Facial Recognition , Patent application No.: 202441039559.
- Anthropoid Activity Recognition Cloud Sensor Based On machine Learning 3d Joint Model. Application No. 202321017154
- International Corporate Management with AI Managerial Protocol for Rules based behavioural Economics. Application No: 202341044632
- Smart Risk Assessment For Supervised Machine Learning And Ai In Cloud computing Environment. Application No. 202241035288, dated: 24/06/2022.
- IOT Enabled Smart Waste Management System. Application No. 202311043844 dated: 21/07/2023
- URL Phishing Detection System Using Hybrid Approach, Patent application no.: 202341058195, dated:30/08/2023.
- A system for Detection and Prevention of DDoS Cyber Attacks using Blockchain, Application no.: 202341058194, dated: 30/08/2023.
- Industrial IOT and Artificial Intelligence based Incentive and claim analysis in Human Resources Management system. Patent Application No: 202341030459
- Global And National Context Aggregation Network Temporal Detection Based On Deep Learning Model. Patent Application No: 20234102511
- Smart Healthcare Device for Real Time Patient Monitoring System published on 26/08/2022 202241045972
- Cyber Security Health Monitoring System Using Iot Environment published on 25/03/2022
- A Secret Hiding Method With Edge Based Classifier For Image Steganography Using Lsb With Enhanced Ceaser Cipher Cryptography published on 03/07/2020
- An Optimal Modified Matrix Encoding Technique For Secret Writing In Mpeg Video Using ECC published on 03/07/2020
- Presenter Mode for Video Conferencing Tools published on on 25/03/2022

### **Research Funding Applied: Principal Investigator**

- EcoGuard: Sustaining Digital Ecosystems through Cybersecurity in IoT and AI

- Funding Agency: VGST  
Year : 2024  
Funding Amount: 37 Lacs
- EcoGuard: Sustaining Digital Ecosystems through Cybersecurity in IoT and AI  
Funding Agency: SERB  
Year : 2023  
Funding Amount: 25.07 Lacs
  - Establishing Advanced Cyber Security Cognizance Lab  
Funding Agency: VGST  
Funding Amount: 29.35 Lacs  
Year : 2023
  - Centre of Excellence in Cyber Security for concept development  
Funding Agency: VGST  
Funding Amount: 30 Lacs  
Year : 2022
  - QUANTUM STANDARDIZATION AND TESTING LAB  
Funding Agency: Telecom Technology Development Fund, Govt. of India  
Funding Amount: 7,93,07,769/- INR

### **Research Funding Applied : Co-Principal Investigator**

- AI Based Video Surveillance and Tracking System  
Funding Agency: VGST  
Funding Amount: 35.75 Lacs
- **Fund Granted : 2 Lacs**

### **International Journal/Conference/Book Chapters**

- **Reviewer** : More than 100 research papers/Book Chapters
- **Organizing Chair/Technical Committee Member:** More than 10 Conference.

### **Projects Guided**

- ❖ More than 50 UG and PG Projects guided and out of that 2 projects awarded as best project award.
- ❖ 8 projects are received sponsorship from KSCST, Bangalore.

### **Books Published**

1. Data Science , Publisher : Shanlax Publications, 2022, ISBN: 978-939-48-9954-4
2. Soft Computing and Signal Processing, ISBN: 978-981-19-8668-0, 2023

### **Published: International Journals/Conferences**

- R. Hegde, S. M. Soumyasri, S. Shivashankara, J. Sudeep, G. Deepu and M. Natesh, "Advancements in Climate Modeling and Prediction through Machine Learning Techniques," 2024 International Conference on Recent Advances in Science and Engineering Technology (ICRASET), B G Nagara, Mandya, India, 2024, pp. 1-5, IEEE Xplore, doi: 10.1109/ICRASET63057.2024.10895739.
- R. Hegde, D. R. Pavithra, S. Shivashankara, G. Prasanna Kumar, S. M. Soumyasri and S. Nagashree, "A Method for Predicting Cardiovascular Disorder using Machine Learning Techniques," 2024 International Conference on Recent Advances in Science and Engineering Technology (ICRASET), B G Nagara, Mandya, India, 2024, pp. 1-7, IEEE Xplore, doi: 10.1109/ICRASET63057.2024.10895119.
- R. Hegde, S. M. Soumyasri, S. Shivashankara, M. K. Kavyashree, R. Pemula and M. Harshitha, "A System to Track Fabricated Content in Social media using Machine Learning Approach," 2024 International Conference on Recent Advances in Science and Engineering Technology (ICRASET), B G Nagara, Mandya, India, 2024, pp. 1-5, IEEE Xplore. doi: 10.1109/ICRASET63057.2024.10894876.
- R. Hegde, S. Shivashankara, S. M. Soumyasri, M. T. Thirthe Gowda, Y. N. Mahadeva Prasad and C. S. Tejeshwini, "An Hand Gesture Smart Translation System for Differently Abled People," 2024 International Conference on Recent Advances in Science and Engineering Technology (ICRASET), B G Nagara, Mandya, India, 2024, pp. 1-6, IEEE Xplore, doi: 10.1109/ICRASET63057.2024.10895579.
- Hegde, Ramakrishna, and S. M. Soumyasri. "CODE-IDS: CONVOLUTIONAL NEURAL NETWORK BASED INTRUSION DETECTION SYSTEM USING DEEP

LEARNING.", *International Journal of Computer and Engineering Optimization (IJCEO) Volume 02, Issue 04, July – August (2024)*

- R Hegde and et al., *Enhanced non-contrast computed tomography images for early acute stroke detection using machine learning approach, Expert Systems with Applications, Volume 240,2024,122559, ISSN 0957-4174,https://doi.org/10.1016/j.eswa.2023.122559.*  
(<https://www.sciencedirect.com/science/article/pii/S0957417423030610>)
- R.Hegde, Soumyasri S.M and et al. ” *Prediction of efficient driving mode for vehicles using machine learning*”, *IEEE xplore, 10.1109/MysuruCon59703.2023.10397055*
- R.Hegde, Soumyasri S.M and et al. ” *Detection of mental health issues and solution to mental toxicity using machine learning*”, *IEEE xplore, DOI: 10.1109/MysuruCon59703.2023.10396981*
- R.Hegde, Soumyasri S.M ” *Social Engineering Threat: Phishing Detection using Machine Learning Approach*” 2023, *IEEE xplore, DOI: 10.1109/MysuruCon59703.2023.10397016*
- Balarengadurai, C., Adithya, C.R., Paramesha, K., Natesh, M., Ramakrishna, H. (2023). *Decentralized Blockchain-Based Infrastructure for Numerous IoT Setup. In: Reddy, V.S., Prasad, V.K., Wang, J., Reddy, K.T.V. (eds) Soft Computing and Signal Processing. ICSCSP 2022. Smart Innovation, Systems and Technologies, vol 313. Springer, Singapore. https://doi.org/10.1007/978-981-19-8669-7\_35*
- P. Josephinshermila, S. Sharon priya, K. Malarvizhi, Ramakrishna Hegde, S. Gokul Pran, B. Veerasamy, *Accident detection using Automotive Smart Black-Box based Monitoring system, Measurement: Sensors, Volume 27, 2023, 100721, ISSN 2665-9174, https://doi.org/10.1016/j.measen.2023.100721.*  
(<https://www.sciencedirect.com/science/article/pii/S2665917423000570>)
- *Ramakrishna Hegde, Self-diagnosis platform via IOT-based privacy preserving medical data, Measurement: Sensors, Volume 25, 2023,100636, ISSN 2665-9174, https://doi.org/10.1016/j.measen.2022.100636.*  
(<https://www.sciencedirect.com/science/article/pii/S2665917422002707>)
- R. Hegde, S M. Soumyasri, "Smart Translation for Physically Challenged People Using Machine Learning," 2022 *IEEE XPlore, doi: 10.1109/ICDSIS55133.2022.9915882*

- *R..Hegde, S. M. Soumyasri, "A Novel Technique for Prediction of Cardiovascular Disease," IEEE Xplore doi: 10.1109/ICDSIS55133.2022.9915934.*
- *Ramakrishna Hegde, "A survey on Development Smart Healthcare Monitoring System in IoT Environment", IEEE Xplore, e-ISBN 978-1-6654-0360-3, May 2021, [10.1109/ICCMC51019.2021.9418405](https://doi.org/10.1109/ICCMC51019.2021.9418405)*
- *Ramakrishna Hegde, " A Review on Data Mining and Machine Learning Methods for Student Scholarship Prediction" IEEE Xplore, e-ISBN 978-1-6654-0360-3, May 2021, [10.1109/ICCMC51019.2021.9418376](https://doi.org/10.1109/ICCMC51019.2021.9418376).*
- *T. J. Shivani, H. Ramakrishna and N. Nagashree, "Vulnerability Management using Machine Learning Techniques," 2021 IEEE International Conference on Mobile Networks and Wireless Communications (ICMNWC), 2021, pp. 1-4, doi: 10.1109/ICMNWC52512.2021.9688490.*
- *C R Aditya, Divya C D, Ramakrishna Hegde, "English Text to Indian Sign Language Translation systems" Turkish Journal of Computer and Mathematic Education(TURCOMAT), Volume 11, No 3 (2020), <https://turcomat.org/index.php/turkbilmal/article/view/10984>.*
- *Ramakrishna Hegde, Soumyasri S M " Novel Technique for Securing IoT Systems by using Multiple ECC and Ceaser Cipher Cryptography" International Journal of Computer Science and Mobile Computing", Volume 10, Issue 2, Pg. NO. 1- 8, February 2021.*
- *Ramakrishna Hegde, S.Jagadeesha, R.M.Vani, "A Secrete Hiding Method with Edge Based Classifier for Image Steganography using LSB with Enhanced Ceaser Cipher Cryptography", Journal of Advanced Research in Dynamical & Control Systems(JARDCS), Vol 10, Issue 01, Page No.633 – 643, ISSN 1943-023X(Scopus Indexed).*
- *Ramakrishna Hegde, S. Jagadeesha, " An Optimal Modified Matrix Encoding Technique For Secret Writing In Mpeg Video Using Ecc" , Elsevier-Computer Standards & Interfaces, online published on 4 July 2016, Volume 48, Page no. 173 - 182, ISSN 0920-5489, <http://dx.doi.org/10.1016/j.csi.2016.07.001>. (<http://www.sciencedirect.com/science/article/pii/S0920548916300459>)"*
- *Ramakrishna Hegde, Dr. Jagadeesha S, Soumyasri S M, " An Improved method using PVD & RSA Encryption Algorithm for Data Hiding in Video Files" accepted in*

*International Journal of Recent Technology and Engineering (IJRTE) Scopus Indexed Journal for publication.*

- Soumyasri S M , Dr. Rajkiran Ballal, Ramakrishna Hegde, “ Study And Design Of Advanced Data Aggregation Technique In Wireless Sensor Networks “ *International Journal of Modern Trends in Engineering and Research (IJMTER)*, online published on 01/04/2017, Vol, 4, Issue 3, Page no. 124 – 129, ISSN (Online)2349-9745, ISSN(Print) 2393 – 8161, DOI: 10.21884/IJMTER.2017. 4090.ECOKY, SJIF – 4.364.
- Ramakrishna Hegde And Dr.Jagadeesha S, “ Design And Implementation Of Image Steganography By Using Lsb Replacement Algorithm And Pseudo Random Encoding Technique “, July 2015, Vol 3, Issue 7, *International Journal on Recent and Innovation Trends in Computing & Communications (IJRITCC)*, ISSN: 2321-8169, PP:4415 – 4420, Journal Impact Factor – 5.837
- Ramakrishna Hegde And Dr.Jagadeesha S, “ Conceptual Design Of Edge Adaptive Steganography Scheme Based On Advanced Lsb Algorithm”, *International journal of Electronics and Communication Engineering &Technology IJECET*.Volume:6,Issue:1,Pages:39-48 [January 2015], ISSN 0976 – 6464(Print) ISSN 0976 – 6472(Online), Journal Impact Factor (2015): 7.9817
- Ramakrishna Hegde, Dr. Jagadeesha S, “Design and Implementation of Data Hiding Technique by Using MPEG Video with constant bit rate”, *International Journal of Modern Trends in Engineering and Research (IJMTER) Volume 01, Issue 06, [December - 2014] E-ISSN: 2349-9745, P-ISSN: 2393-8161, Page 30-39.(Scientific Journal Impact Factor – 1.711)*
- Ramakrishna Hegde, “A Review: Efficient Data Transmission Technique over the Network using Steganography”, *IET, ISBN 978-93-81195-64-2,September 2013 Page No 101.*

### **Presented: International /National Conference:-**

- R. Hegde, S. M. Soumyasri, S. Shivashankara, J. Sudeep, G. Deepu and M. Natesh, "Advancements in Climate Modeling and Prediction through Machine Learning Techniques," 2024 International Conference on Recent Advances in Science and

- Engineering Technology (ICRASET), B G Nagara, Mandya, India, 2024, pp. 1-5, IEEE Xplore, doi: 10.1109/ICRASET63057.2024.10895739.*
- *R. Hegde, D. R. Pavithra, S. Shivashankara, G. Prasanna Kumar, S. M. Soumyasri and S. Nagashree, "A Method for Predicting Cardiovascular Disorder using Machine Learning Techniques," 2024 International Conference on Recent Advances in Science and Engineering Technology (ICRASET), B G Nagara, Mandya, India, 2024, pp. 1-7, IEEE Xplore, doi: 10.1109/ICRASET63057.2024.10895119.*
  - *R. Hegde, S. M. Soumyasri, S. Shivashankara, M. K. Kavyashree, R. Pemula and M. Harshitha, "A System to Track Fabricated Content in Social media using Machine Learning Approach," 2024 International Conference on Recent Advances in Science and Engineering Technology (ICRASET), B G Nagara, Mandya, India, 2024, pp. 1-5, IEEE Xplore. doi: 10.1109/ICRASET63057.2024.10894876.*
  - *R. Hegde, S. Shivashankara, S. M. Soumyasri, M. T. Thirthe Gowda, Y. N. Mahadeva Prasad and C. S. Tejeshwini, "An Hand Gesture Smart Translation System for Differently Aabled People," 2024 International Conference on Recent Advances in Science and Engineering Technology (ICRASET), B G Nagara, Mandya, India, 2024, pp. 1-6, IEEE Xplore, doi: 10.1109/ICRASET63057.2024.10895579.*
  - *Presented a research paper on "Natural Language Processing Based Intrusion Detection Interface For IoT Devices", IEEE International Conference on Recent Advance in Science and Engineering Technology (ICRASET 2024) held at BGSIT, Mandya on 21-22<sup>nd</sup> November 2024*
  - *Presented a research paper on "An Hand Gesture Smart Translation System for differently abled people", IEEE International Conference on Recent Advance in Science and Engineering Technology (ICRASET 2024) held at BGSIT, Mandya on 21-22<sup>nd</sup> November 2024*
  - *Presented a research paper on "A System To Track Fabricated Content In Social Media Using Machine Learning Approach", IEEE International Conference on Recent Advance in Science and Engineering Technology (ICRASET 2024) held at BGSIT, Mandya on 21-22<sup>nd</sup> November 2024*

- Presented a research paper on “A method for predicting cardiovascular disorder using machine learning techniques”, IEEE International Conference on Recent Advance in Science and Engineering Technology (ICRASET 2024) held at BGSIT, Mandya on 21-22<sup>nd</sup> November 2024
- Presented a research paper on “Advancements in Climate Modeling and Prediction through Machine Learning Techniques”, IEEE International Conference on Recent Advance in Science and Engineering Technology (ICRASET 2024) held at BGSIT, Mandya on 21-22<sup>nd</sup> November 2024
- Presented a research paper on “Intrusion Detection System Using Machine Learning Based on NSL KDD Dataset”, IEEE International Conference on Recent Advance in Science and Engineering Technology (ICRASET 2024) held at BGSIT, Mandya on 21-22<sup>nd</sup> November 2024.
- Presented a research paper on “ Video-Surveillance-And-Tracking-System Using Facial Recognition” IEEE International Conference “ Mysurucon 2024” held at VVIET, Mysuru on August 30<sup>th</sup> and 31<sup>st</sup>, 2024.
- Presented a research paper on “ Air gesture keyboard for visually impaired people using machine learning approach” IEEE International Conference “ Mysurucon 2024” held at VVIET, Mysuru on August 30<sup>th</sup> and 31<sup>st</sup>, 2024.
- Presented a research paper on “ Credit Card Fraud Detection using Machine Learning” IEEE International Conference “ Mysurucon 2024” held at VVIET, Mysuru on August 30<sup>th</sup> and 31<sup>st</sup>, 2024.
- Presented a research paper on “ Vishwagnani - The Personal Data Powered Voice Assistant Using” IEEE International Conference “ IEEE International Conference “ Mysurucon 2024” held at VVIET, Mysuru on August 30<sup>th</sup> and 31<sup>st</sup>, 2024.
- Attended and presented a research paper on” Social Engineering Threat: Phishing Detection using Machine Learning Approach” 2023, IEEE Internal Conference MYSURCON-2023, held at Malnad college of Engineering, Hassan, on 1st and 2nd December 2023.
- Attended and presented a research paper on” Detection of mental health issues and solution to mental toxicity using machine learning” 2023, IEEE Internal

*Conference MYSURCON-2023, held at Malnad college of Engineering, Hassan, on 1st and 2nd December 2023.*

- *Attended and presented a research paper on " Prediction of efficient driving mode for vehicles using machine learning" 2023, IEEE Internal Conference MYSURCON-2023, held at Malnad college of Engineering, Hassan, on 1st and 2nd December 2023.*
- *R. Hegde, S. M. Soumyasri, "A Novel Technique for Prediction of Cardiovascular Disease," 2022 IEEE International Conference on Data Science and Information System (ICDSIS), 2022, pp. 1-5, doi: 10.1109/ICDSIS55133.2022.9915934.*
- *Balarengadurai, C., Adithya, C.R., Paramesha, K., Natesh, M., Ramakrishna, H. (2023). Decentralized Blockchain-Based Infrastructure for Numerous IoT Setup. In: Reddy, V.S., Prasad, V.K., Wang, J., Reddy, K.T.V. (eds) Soft Computing and Signal Processing. ICSCSP 2022. Smart Innovation, Systems and Technologies, vol 313. Springer, Singapore. [https://doi.org/10.1007/978-981-19-8669-7\\_35](https://doi.org/10.1007/978-981-19-8669-7_35)*
- *R. Hegde., S. M. Soumyasri, "Smart Translation for Physically Challenged People Using Machine Learning," 2022 IEEE International Conference on Data Science and Information System (ICDSIS), 2022, pp. 1-5, doi: 10.1109/ICDSIS55133.2022.9915882*
- *Research Paper " Vulnerability Management using Machine Learning Techniques" presented in IEEE International Conference on Mobile Networks and Wireless Communications (ICMNBC) dated 3-4 December 2021*
- *Research Paper " A Novel Technique for Prediction of Cardiovascular Desases" presented in IEEE International Conference on Data Science and Information Systems(ICDSIS 2022) held on 29-30th July 2022 at Malnad College of Engineering, Hassan*
- *Research Paper "Numerous IoT setup in Decenralised Blockchain Based infrastructure" presented in DST SERB sponsored Thord Annual International Conference Data Science, Machine Learning and Blockchain Technology. held on Feb 16-17 2022.*

- “A Review on Data Mining and Machine Learning Methods for Student Scholarship Prediction “, 2021 IEEE 5th International Conference on Computing Methodologies and Communication (ICCMC), Erode, India, 8-10 April 2021, **Electronic ISBN:978-1-6654-0360-3, Publisher: IEEE**
- “A survey on Development Smart Healthcare Monitoring System in IoT Environment” 2021 IEEE 5th International Conference on Computing Methodologies and Communication (ICCMC), Erode, India, 8-10 April 2021, **Electronic ISBN:978-1-6654-0360-3, Publisher: IEEE**
- *Attended International Conference at **Edinburgh, United Kingdom on 22<sup>nd</sup> and 23<sup>rd</sup> of July 2017** and presented a paper “ Edge Based Classifier for Secrete Hiding using LSB Steganographyon Images with Improved Ceaser Cipher Cryptography” and awarded as Best Paper award.*
- *Ramakrishna Hegde, “A Review: Efficient Data Transmission Technique over the Network using Steganography”, in proceedings of the national conference on Challenges in Research and Technology in the coming decades held at SDMIT, Ujire, during 27th – 28th September 2013, ISBN 978-93-81195-64-2, Page No 101*
- *Ramakrishna Hegde, “A Review : An Highly Efficient Steganographic Technique for JPEG2000 Compressed Images in Computer Networks”, National Conference, St.Philomena College, Puttur, February 2014.*
- *National Conference on “ Engineering Pedagogy”, at SDMIT, Ujire,*
- *International Conference on “ Computer Networks”, at NMAMIT, Nitte, 07/01/2011 to 08/01/2011.*

### ADDITIONAL COURSE

- Certified Cyber Crime Intervention Officer
- Certified in Professional Ethics at workplace
- ISO 27001- 2013 Lead Auditor
- Microsoft Innovative Educator

### EVENT CHIEF COORDINATOR /COORDINATOR

- ❖ Coordinated more than 10 events during 2025-26
- ❖ Coordinated more than 15 events during 2024-25
- ❖ Coordinated more than 20 events during 2023-24

- ❖ Coordinated more than 25 events during 2022-23.
- ❖ Coordinated More than 20 events in 2021.
- ❖ Three days online workshop on Software Testing on 27<sup>th</sup>, 28<sup>th</sup> and 29<sup>th</sup> August 2020 held at VVCE, Mysore.
- ❖ Three days online workshop on Flutter on 24<sup>th</sup>, 25<sup>th</sup> and 26<sup>th</sup> August 2020 held at VVCE, Mysore
- ❖ Two days online workshop on RPA on 18<sup>th</sup> & 19<sup>th</sup> August 2020 held at VVCE, Mysore
- ❖ Three days Online Workshop on Data Structures Using Python on 17<sup>th</sup> to 20<sup>th</sup> August 2020 held at VVCE, Mysore
- ❖ Two days Online Workshop on MSME on 17<sup>th</sup> & 18<sup>th</sup> August 2020 held at VVCE, Mysore
- ❖ Three days Online FDP on Hadoop on 7<sup>th</sup>, 8<sup>th</sup> & 10<sup>th</sup> August 2020 held at VVCE, Mysore
- ❖ Three days online workshop on Augmented and Virtual Reality on 17<sup>th</sup>, 18<sup>th</sup> and 20<sup>th</sup> July 2020 held at VVCE, Mysore
- ❖ Organized 10 webinars in the month of July and August 2020 held at VVCE, Mysore.
- ❖ Committee Head – EXPERIA 2K19 held at SDMIT, Ujire on 30<sup>th</sup> October and 1<sup>st</sup> November 2019.
- ❖ Chief Coordinator – CLEAN INDIA HACKATHON state level held at SDMIT, Ujire on 19<sup>th</sup> October 2019.
- ❖ Chairmen – Program Committee, SDMIT, Ujire Annual Day on 08/04/2017.
- ❖ Chief Coordinator – CMAT & GPAT online examination by AICTE, New Delhi in SDMIT, Ujire on 28/01/2017.
- ❖ Chief Coordinator – Information Session on “ Higher Educational opportunity in abroad “ on 03/11/2016 at SDMIT, Ujire.
- ❖ Chief Coordinator –National Level “Best Manager” along with Computer Science & Engg dept on 05/11/2016 and 06/11/2016.
- ❖ Chief Coordinator – Guest Speech by Swamy Veereshananda Saraswathi, Ramakrishna Ashram, Tumkur on 13/08/2016 at SDMIT, Ujire

- ❖ Chief Coordinator - Program Committee – Orientation Program – 2016 at SDMIT, Ujire on 01/08/2016.
- ❖ Organizing Secretary PRATYUSHA – 2016, Job Fair in SDMIT, Ujire on 18/06/2016.
- ❖ Organized 27 placement drives in SDMIT, Ujire during the year 2015-16.
- ❖ Chief Coordinator Farewell Day – 2016 on 27/05/2016
- ❖ Chief Coordinator – Program Committee Annual Day – 2016 at SDMIT, Ujire.
- ❖ Chief Coordinator for First Year Orientation Program conducted on 02/08/2015.
- ❖ Chief Coordinator for Graduation Day 2015 conducted on 09/06/2015.
- ❖ Chief Coordinator for workshop on carrier guidance by RiiiT, Mysore on 30/04/2015.
- ❖ Coordinator for College Annual Day 2015 conducted on 25/04/2015.
- ❖ Chief Coordinator for Wipro Mission 10X workshop for faculties at SDMIT, Ujire on 10/03/2015 to 12/03/2015.
- ❖ Chief Coordinator for Special seminar on “ Space Technology and Mars Orbitery Mission (MOM) “ by Dr.S.K.Shivakumar, Director, ISRO, Bangalore on 23/02/2015.
- ❖ Chief Coordinator for Inauguration of UTLP and MTLC centre from WIPRO at SDMIT, Ujire, on 13/09/2014.
- ❖ Chief Coordinator for Wipro Mission 10X Workshop for faculties at SDMIT, Ujire, from 11/09/2014 to 13/09/2014.
- ❖ Chief Coordinator for 3 days pre placement training program at SDMIT, Ujire from 22/08/2014 to 24/08/2014.
- ❖ Chief Coordinator for Orientation Program - 2014 for first year students at SDMIT, Ujire on 04/08/2014.
- ❖ Chief Coordinator for Seven Days Pre placement training for pre final year students from 24/07/2014 to 30/07/2014 at SDMIT, Ujire.
- ❖ Chief Coordinator for Principal and Placement Officers Combined Placement Group Meet – 2014 of Mangalore region on 16/07/2014 at SDMIT, Ujire.
- ❖ Chief Coordinator for Farewell function 2014 on 04/06/2014 at SDMIT, Ujire.

- ❖ Training coordinator and Incharge for pre placement training on 24/07/2014 to 30/07/2014 at SDMIT, Ujire.
- ❖ Coordinator for seminar on “ Guidance for GATE exams”, by Gateforum, Mangalore, 26/03/2014.
- ❖ Chief Coordinator for Three Days “Entrepreneurships Awareness Camp” , at SDMIT, Ujire, Supported by Dept.of Science and Technology, Govt. of India, EDII, Ahmedabad, 24/02/2014 to 26/02/2014.
- ❖ Chief Coordinator for“Career Guidance for Engineering Students” by Mr.Pavan, Software Engineer ,Junifer Networks, USA, 20/02/2014.
- ❖ Chief Coordinator for Wipro Mission 10x workshop, at SDMIT, Ujire , 18/12/2013 to 20/12/2013.
- ❖ Chief Coordinator for Two days training programs on “ Aptitude Skills”, by Business Fundamentals, at SDMIT, Ujire, 02/10/2013 to 03/10/2013.
- ❖ Chief Coordinator for Program and Stage Committee, National conference, SDMIT, Ujire, 27/09/2013 to 28/09/2013.
- ❖ “Guidance to mentorship program”, at SDMIT, Ujire, August 2013.
- ❖ Chief Coordinator “Guest talk” from Poornima N P, Director, HR, Tejas Networks at SDMIT, Ujire, 23/08/2013.
- ❖ Chief Coordinator for Program Committee at Fresher’s day program at SDMIT, Ujire, 01/08/2013.
- ❖ Chief Convener, Alumni Interaction Committee, at SDMIT, Ujire, 23/02/2013.
- ❖ Coordinator for Branch Entry Program for Diploma Students.
- ❖ Coordinator, Orientation Program - 2013, SDMIT, Ujire

#### AICTE/UGC/ISTE/OTHER/WORKSHOPS/SEMINARS:-

- ❖ Attended more than 20 workshops and FDPs since July 2020 to August 2021
- ❖ Attended 10 days online International Symposium from 21<sup>st</sup> to 30<sup>th</sup> July 2020.
- ❖ Attended Seven 5 days online workshop in the month of July and August 2020.

- ❖ Attended 6 online FDPs in the month of July and August 2020.
- ❖ Attend 18 Webinars in the month of July and August 2020.
- ❖ Attended one day workshop on “New AICTE Initiatives “on 26/11/2017 at Acharya Institute of Technology, Bangalore.
- ❖ Attended two days workshop on “ Change Management/Road Mapping “ on 22/04/2017 and 23/04/2017 at SDMIT, Ujire.
- ❖ Attended one day ISTE workshop on “ Writing Research Proposal” on 05/11/2016 at SDMIT, Ujire.
- ❖ Attended one day workshop on “ Effective Search Strategy and Reference Management System” held on 28/09/2016 at SDMIT, Ujire.
- ❖ Attended One day workshop on Plagiarism Awareness Program at SDIT, Mangalore, conducted by VTU Belgaum.
- ❖ One Day seminar on “Internet Of Things”, at SDMIT, Ujire on 19/04/2015.
- ❖ Attended two daysworkshop on “Cloud Computing” in SDMIT, Ujire from 17/04/2015 to 18/04/2015.
- ❖ Chief Guest for Prize distribution Ceremony and Farewell function of Computer Science dept. on 13/03/2015 at SDM College, Ujire.
- ❖ Attended 1 day Acquaintance Programme on “Research Facility at IUAC” New Delhi at VTU, Belgaum on 18/11/2014.
- ❖ Attended 3 days “ Research Methodology”, workshop conducted by VTU, Belgaum at SDIT, Mangalore from 09/09/2014 to 11/09/2014.
- ❖ Participated in Two Weeks ISTE Workshop on “Computer Programming” by IIT, Bombay between20/05/2014 to 21/06/2014.
- ❖ Participated in UGC Sponsored National Level Seminar on” Parallel and Distributed Processing Techniques and Applications”, St.Philomena College Puttur, 14/02/2014.
- ❖ Wipro Mission 10x workshop at SDMIT, Ujire, 18/12/2013 to 20/12/2013.
- ❖ Half Day ISTE workshop on “ Green Building Awareness”, IIT, Bombay, 24/08/2013.
- ❖ Workshop on Aakash for education, IIT, Bombay.
- ❖ Workshop on “ Research Methodology”, at SDM College, Ujire, Jan 2013.

- ❖ Workshop on “ Object Oriented Design and Modeling using UML” at SDMIT, Ujire, 25/09/2012.
- ❖ Participated in “ Infosys Campus Connect Program” at NMAMIT, Nitte, 28/07/2013 to 30/07/2013.
- ❖ Participated in National Level Workshop on “ Network Simulation” at VTU, Belgaum, 16/02/2012 to 18/02/2012.

### **FDP/ TRAINING /CERTIFICATION COURSES.**

- ❖ Attended 4 FDP during the year 2025-26
- ❖ Attended 5 FDP during the year 2024-25
- ❖ Attended 2 FDPs and 2 workshops during 2023.
- ❖ Attended 4 FDPs and 6 workshops during 2022
- ❖ Attended 5 days FDP on “ Mobile Application Development” from 2<sup>nd</sup> March to 6<sup>th</sup> March 2021.
- ❖ Acquiring Masters in Artificial Intelligence Engineer(6 months) and Masters in Data Scientist(6 months) through online learning platforms.
- ❖ Attended one day workshop on Python by IIT, Mumbai.
- ❖ Participated in 10 days National Himalayan Trekking Cum Training Expedition Chanderkhani Pass 2018 from 6<sup>th</sup> May 2018 to 15<sup>th</sup> May 2018.
- ❖ Attended 5 days Faculty Development Program on” Mobile Application Development” from 22<sup>nd</sup> January 2018 to 26<sup>th</sup> January 2018 at Vidyavardhaka College of Engineering, Mysuru.
- ❖ Attended 5 days Faculty Development & Training Program on “Emerging trends and Technologies in Computer Science & Engineering “at SDM Institute of Technology, Ujire from 19/12/2017 to 24/12/2017.
- ❖ Attended 8 days Faculty Development & Training Program on “Microprocessor and Microcontrollers” at SDMIT, Ujire from 15/11/2016 to 24/11/2016.
- ❖ Attended Two weeks ISTE Short term Training program (STTP) on Pedagogy for Effective use of ICT in Engineering Education, IIT, Bombay, from 05/01/2015 to 21/01/2015.

- ❖ Participated in Two Weeks 03/03/2014 to 15/03/2014 Faculty Development Program (Entrepreneurship for Academicians) at SDM Institute of Technology, Ujire.

### COLLEGE / DEPARTMENTAL RESPONSIBILITY

- ❖ PG Coordinator
- ❖ Accreditation Coordinator
- ❖ Incharge HOD
- ❖ Head – Training and Placement.
- ❖ Chairmen – Discipline Committee.
- ❖ Chief Coordinator - CSE/ISE department association.
- ❖ Meeting Coordinator.
- ❖ Exam Coordinator.
- ❖ Internal Assessment Coordinator.
- ❖ Seminar Coordinator.
- ❖ Member – Cultural Committee.
- ❖ Member – College Magazine/Wall Magazine Committee.
- ❖ Vision Committee - Member

### RESOURCE PERSON/JUDGE (National/International)

- ❖ Part of IEEE International Conferences as Organizing Chairs/ Session Chairs/Trach Chairs.
- ❖ Invited as resource person for more than 50 conferences/workshops/FDPs/Symposiums nationally and internationally.
- ❖ Invited speaker for 5 workshops and 3 Webinars in the month of July and August 2020.
- ❖ Invited speaker and session chair for IEEE International Conference from 5<sup>th</sup> to 7<sup>th</sup> June 2020 held at Jain College of Engineering, Belgaum.
- ❖ Invited as Resource Person for Faculty Development & Training Program on “Emerging trends and Technologies in Computer Science & Engineering “at SDM

- Institute of Technology, Ujire from 19/12/2017 to 24/12/2017 and delivered a talk on “ Network Security”.
- ❖ Invited as Judge for “Kaushala 2017”, Student Contest – Skill Module for Engineers and Managers” held on 20<sup>th</sup> April 2017 at Alva’s College of Engineering & Technology, Moodbidri. Karanataka.
  - ❖ Given the guest lecture on” How to prepare for Placement opportunities in Industries” at SDM College, Ujire on 13/03/2015.
  - ❖ Training rural school children in holidays.
  - ❖ Served as Judge for the evaluation of final year UG project works “EXPO-2013”, held at KVG Engineering College, Sulia, 24/05/2013
  - ❖ “Current IT Scenario and Career Job Opportunities in IT industry”, Sacred Heart College, Mangalore, 23/09/2010
  - ❖ “Importance of Information Technology in Industries”, RUDSET, Ujire
  - ❖ “Career Planning”, SDMIT, Ujire
  - ❖ “Opportunity in IT industries for non-engineering graduates, SDM College, Ujire.
  - ❖ Career Guidance, SDM Residential PU college, Ujire, 28/09/2010.

### **ROLES AT UNIVERSITY LEVEL(VTU, BELGAUM).**

- ❖ BoS/BoE Member
- ❖ Deputy Chief Superintendent (External).
- ❖ Member of Industry Liaison Committee.
- ❖ Member of Flying Squad.
- ❖ External Practical Examiner.
- ❖ Internal Practical Examiner.
- ❖ Moderator at valuation centre.
- ❖ Valuator.
- ❖ Question paper setter.

### **EXTRA CURRICULAR ACIVITITIES**

- ❖ Master of Ceremony.
- ❖ Anchoring the events.

- ❖ Personality development trainer.
- ❖ Member of Staff Cricket Team for inter collegiate VTU tournament.

### **MEMBER OF THE ORGANIZATIONS**

- ❖ Lifetime Member of ISTE – *Membership number* : 67051
- ❖ VTU Faculty Registration number – 19247
- ❖ International Association of Engineers (IAENG) - 187779
- ❖ Lifetime Member IAEME.
- ❖ Vice President, Training, JCI, Ujire, 2011.
- ❖ Senior Member – IEEE

### **HOBBIES AND INTERESTS**

- ❖ Training the rural school children's in holidays.
- ❖ Playing cricket and regular member in health clubs.
- ❖ Trekking

### **STRENGTHS**

- ❖ Professional approach.
- ❖ Dedication, Discipline.
- ❖ Self-Motivated and Positive Thinking.
- ❖ Excellent Presentation/Communication skills.
- ❖ Task/Research oriented.
- ❖ Excellent Human Relationship skills.
- ❖ Good contact with Corporates.
- ❖ Excellent Listening /Learning skills.
- ❖ Strong Technical Skills.

### **PROFESSIONAL SOCIAL MEDIA DETAILS:-**

[linkedin.com/in/ram-hegde-a0274675/](https://www.linkedin.com/in/ram-hegde-a0274675/)

[facebook.com/ram.hegde.311](https://www.facebook.com/ram.hegde.311)

<https://github.com/rvhegde>

<https://www.researchgate.net/lab/Ramakrishna-Hegde-Lab-2>

[ResearcherID: B-4176-2018](#)

[ORCHiD ID : 0000 0001 7121 5648](#)

**PERSONAL DETAILS:-**

**Father's Name** : **Vigneshwar Hegde.**  
**Age** : **51 years**  
**Marital Status** : **Married.**  
**Nationality** : **Indian.**  
**Religion** : **Hindu.**

**DATE:**

**PLACE:** **RAMAKRISHNA HEGDE**