

Faculty Profile

Brief Profile (Few Paragraphs)



Dr. Soumya A is a Professor & Program Coordinator in the Department of Computer Science and Engineering (Data Science) with over 22 years of teaching and research experience. She holds a Ph.D. in Computer Science with specialization in Computer Cognition and Recognition. Her areas of expertise include Artificial Intelligence & Machine Learning, Pattern Recognition, Visual Computing, Computer Graphics & Visualization. She has authored over 50 papers in reputed International Journals and Conferences and has also served as a reviewer for scholarly publications.

Dr. Soumya A is actively involved in teaching core and advanced courses, contributing to academic governance, and mentoring students in research and innovation. She plays a key role in shaping academic strategy, curriculum development, and research mentorship. She is actively involved in guiding Ph.D. scholars and has successfully supervised several undergraduate and postgraduate projects. She has organized and participated in faculty development programs, workshops, and other training programs. She actively engages with industry partners in executing Research & Consultancy Projects to bridge the gap between academic research and real-world applications, helping ensure that students gain practical, up-to-date knowledge and skills.

Personal Information

- **Name:** Dr Soumya A
- **Designation:** Professor & Program Coordinator CSE-Data Science
- **Department:** Computer Science & Engineering – Data Science
- **Email:** soumyaa@rvce.edu.in
- **Phone:** 080-68188199

Google Scholar : <https://scholar.google.com/citations?user=-hjVO-UAAAAJ>

ResearchGate : https://www.researchgate.net/profile/Soumya-Anantharamaiah?ev=hdr_xprf

LinkedIn: <https://www.linkedin.com/in/dr-soumya-a-0b96a964/>

ORCID: <http://orcid.org/0000-0002-9275-981X>

Domain of Expertise

Artificial Intelligence, Machine Learning, and Visual Computing

Research Focus

- **Primary Area:** Artificial Intelligence and Machine Learning, Computer Graphics, Data Science,
- **Allied Areas:**
 - Computer Vision and Image Understanding
 - Computer Cognition and Pattern Recognition
 - Computer Graphics and Augmented Reality/Virtual Reality

- o Deep Learning and Neural Networks
- o Cognitive Computing and Human-like Intelligence
- o Data Analytics and Visualization

Academic Qualifications

- **Ph.D.:** Computer Science, University of Mysore, Mysore, 2016
- **M.Sc./M.Tech:** M.S Computer Cognition Technology, University of Mysore, 2002
- **B.E./B.Tech:** Computer Science & Engineering, Bangalore University, 2000

Professional Experience

Experience			
Teaching Experience: 20 years at RV College of Engineering, Bangalore and 1.5 years at Dept of Studies in Computer Science, University of Mysore, Mysore			
S.No	Institute/College/Industry	Job Title	Duration (From- To)
1.	Dept. of Studies in Computer Science, University of Mysore, Mysore	Lecturer	Aug 2003 to Feb 2005
2.	RV College of Engineering	Lecturer	16.02.2005 to 25.05.2009
3.	RV College of Engineering	Asst. Professor	26.05.2009 to 31.10.2017
4.	RV College of Engineering	Associate Professor	1.11.2017 to 14.12.2024
5.	RV College of Engineering	Professor	15.12.2024 to till date
6.	RV College of Engineering	Professor & Program Coordinator Computer Science & Engineering – Data Science	15.01.2025 to till Date

Publications & Patents

Journal Publications

1. Priyadarshini, R., Soumya, A. "Prediction of Monument Architecture Style using Deep Learning Techniques", SN Computer Science, Springer Nature Journal (Accepted 24th Feb 2025, Q2, Scopus)
2. Praneeta Immadisetty, Pooja Rajesh, Akshita Gupta, Anala M. R., Soumya A, K. N. Subramanya, "Multimodality in online education: a comparative study", Multimedia Tools and Applications-

An International Journal, <https://doi.org/10.1007/s11042-024-20540-0>, Springer Nature – Open Access, SCImago Indexed Published: 13 January 2025 (Q1, Scopus, Web of Science)

3. Akshatha A, Gagana M V, and Soumya A., “Generating 3D objects from 2D images using various NeRF models”, January 2025, International Journal of Innovative Research In Technology (IJIRT) , Volume 11, Issue 8 , ISSN: 2349-6002
4. Kritadnya Kaling, Navanika J Reddy, Minal R D, Soumya A, “Deep Fake Image and Video detection using AI and ML”, International Journal of Engineering, Management and Humanities (IJEMH) Volume 4, Issue 6, Nov.-Dec., 2023 pp: 26-33
5. Adamyaa DN, Dinesh Babu S , Priya D , Soumya A, “Building a Monitoring Framework for a Distributed Cloud Application Using Prometheus and Chef – An Overview”, International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN No: 2321-9653, Volume 10, Issue VII, July 2022, Pg 3164-3168; – Available at www.ijraset.com
6. Akshay Kumar , Manas Punj Thakur , Soumya A , Sushmita Sarkar, “Serverless Computing with OCI Functions”, GRADIVA REVIEW JOURNAL, Approved by UGC-CARE Group-II Journal, ISSN NO : 0363-8057, Volume 8, Issue 7, Pg 480-498, July 2022 Available DOI:10.37897.GRJ.2021.V8I7.22.50051
7. M S Suprita and Soumya A, “Secure Log-Management and Analysis”, International Journal of Research and Analytical Reviews(IJRAR), An International Open-Access Journal, Approved by UGC, E-ISSN NO : 2348-1269, P-ISSN: 2349-5138, Volume 8, Issue 3, Page 229-232, July 2021
8. M S Suprita and Soumya A, “Regeneration of Artwork using AI and Image Fusion Techniques”, HTL International Journal (High Technology Letters), UGC-CARE Approved (Group II), Scopus, ISSN NO : 1006-6748, Volume 27, Issue 6, Page 319-325, June 2021
<https://doi.org/10.37896/HTL27.6/3730>
9. Pavan Kumar K N, L Spoorthi and Soumya A, “Rest APIs Using Amazon AWS API Gateway”, 2021 Journal of Emerging Technologies and Innovative Research (JETIR) July 2021, Volume 8, Issue 7 ISSN-2349-5162 – Page a212-a216, UGC Approved, Impact Factor: 7.95
<https://www.jetir.org/papers/JETIR2107029.pdf>
10. Kandukuri VineethKumar Gowd, Harshith.K, Soumya.A, “Importance of MVC framework in Web Development”, 2021 Journal of Emerging Technologies and Innovative Research (JETIR) June 2021, Volume 8, Issue 6 ISSN-2349-5162 Page e816-e819, UGC Approved, Impact Factor: 7.95, <https://www.jetir.org/view?paper=JETIR2106679>
11. Kirthana T and Soumya A “Machine Learning Techniques For Wastewater Treatment Plants”, Journal of Seybold Report, ISSN NO: 1533-9211, Volume 15 Issue 7 2020, Aug 2020, 1895-1899, UGC-CARE Approved (Group-II), Scopus, Impact Factor value: 7.078
12. Kirthana T and Soumya A “Data Interchange: A Backbone for Backend ERP System”, International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE), International ISSN (Online) 2278-1021, Vol. 9, Issue 5, May 2020, Page 142-145
13. Sharath Krishna Karanam and Soumya A, “Test Logs Segregation and Analysis Automation”, International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, p-ISSN: 2395-0072 , Volume: 07 Issue: 05 | May 2020, Page 2203- 2205, Impact Factor value: 7.529
14. Parvati Hotagi and Soumya A, “Autonomous Vehicles: A Generic Perspective”, International Research Journal of Engineering and Technology (IRJET) , e-ISSN: 2395-0056, p-ISSN: 2395-0072 , Volume: 07 Issue: 04| Apr 2020, Page 5267- 5271, Impact Factor value: 7.529
15. Sahana P K and Soumya A, “Producer-Consumer Process Synchronization in Multicore System and Energy Profile”, International Research Journal of Engineering and Technology (IRJET) , e-ISSN: 2395-0056, p-ISSN: 2395-0072 , Volume: 07 Issue: 04| Apr 2020, Page 5263- 5266, Impact Factor value: 7.529
16. Rahul Rathod, S Jayanth Balaji, Samarth S and Soumya A, “Detection and Classification of Tomato Plant Leaf Diseases Using Convolutional Neural Network”, International Research Journal of Engineering and Technology (IRJET) , e-ISSN: 2395-0056, p-ISSN: 2395-0072 , Volume: 07 Issue: 04 | Apr 2020, Page 5412- 5414, Impact Factor value: 7.529

17. Rahul Suresh and Soumya A – “Different Machine Learning Classifiers for Music Emotion Recognition”, International Journal of Recent Technology and Engineering (IJRTE) , ISSN: 2277-3878 (Online), Volume-8 Issue-4, November 2019, Impact Factor: 5.92 | Elsevier Scopus Journal
18. Mukesh Kumar P, Soumya A “A study on Energy efficient Dynamic Cluster Head Selection Based on High Residual Energy”, International Journal of Research and Analytical Reviews (IJRAR UGC Approved) E-ISSN 2348-1269, P- ISSN 2349-5138, Volume 6, Issue 2, pp 962-966, June 2019
19. Vinay N R, Soumya Sharma, Layeeq Ahmed, Soumya A, Rajashree Shettar – “A Review on Different Object Relational Mapping Frameworks”, International Journal of Emerging Technologies and Innovative Research (JETIR UGC Approved), ISSN:2349-5162, Vol.6, Issue 5, page no. pp668-674, May-2019.
20. Madhuri Kishan Kulkarni and Soumya A “Deployment of Calabash Automation Framework to Analyze the Performance of an Android Application”, Vol 2, Issue 3, pg 70- 75, Journal for Research, ISSN:2395-7549, May 2016
21. Soumya A and G Hemantha Kumar, “Recognition of Historical Documents using Gabor and Zonal Features”, Signal & Image Processing : An International Journal (SIPIJ) Vol.6, No.4, pg 57-69, August 2015
22. Soumya A and G Hemantha Kumar, “Performance Analysis of Random Forests with SVM and KNN in Classification of Ancient Kannada Scripts”, International Journal Of Computers and Technology(IJCT), Vol. 13, No. 9, pg 4907-4921, July 2014
23. Soumya A and G Hemantha Kumar, “Preprocessing of Camera Captured Inscriptions and Segmentation of Handwritten Kannada Text”, International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE), Vol. 3, Issue 5, pg 6794- 6803, May 2014
24. Soumya A and G Hemantha Kumar, “Zernike Moment features for the Recognition of Ancient Kannada Base Characters”, International Journal of Graphics & Image Processing (IJGIP),Volume 4, Issue 2, pg 99-104, May 2014
25. Soumya A and G Hemantha Kumar, “SVM Classifier For The Prediction Of Era Of An Epigraphical Script”, International Journal of Peer to Peer Networks (IJP2P) Vol.2, No.2, pg 12-22, April 2011
26. Soumya A and G Hemantha Kumar, “Automatic Decipherment of Ancient Indian Epigraphical Scripts – A Brief Review”, International Journal of Computer Science & Emerging Technologies (E-ISSN: 2044-6004) Volume 2, Issue 1, pg 139-143, Feb 2011.
27. Shrikant S. Tangade, Dr. T. Srinivas, Ms. Soumya. A, “Quality of Transmission (QoT).Aware Routing in All-Optical WDM Networks”, International Journal of Advanced Networking and Applications , Volume: 02, Issue: 02, Pages: 550-554 (2010), Special Issue – NCICT’10 – New Horizon College, Bengaluru

Conference Papers

1. Divya Vijay, Aditya Verma, Ananya Bhat, Soumya A, “ Reviving Lost Artworks: Recreating Historical Pieces from descriptions and fragments”, 9th International Conference on Information and Communication Technology for Intelligent Systems, ICTIS-2025 , Bangkok, Thailand, 4th to 6th April 2025
2. Prapulla SB, Soumya A, Deepamala N, S Dhanush, S Mohammed Ashiq, S Prajwall Narayana, Sumith S Tantry, “EduConnect: A Smart Solution for Streamlined School Administrations”, 9th International Conference on Information and Communication Technology for Intelligent Systems, ICTIS-2025 Bangkok, Thailand, 4th to 6th April 2025
3. Niharika S M, Soumya A, “Speech Emotion Recognition using ML”, 7th IEEE International Conference on Computational Systems and Information Technology for Sustainable Solutions,

CSITSS 2023 – organized by RV College of Engineering, 2nd Nov to 4th Nov 2023 – Proceedings 2023– Scopus Indexed.

4. Soumya A, Karthik S Rao, Sumalatha Aradhya “Generation of Historical Artwork using GAN”, at Springer: 7th International Conference on Information and Communication Technology for Intelligent Systems (ICTIS 2023) organized by Global Knowledge Research Foundation & G R Scholastic LLP, Ahmedabad, on 28th April 2023.
5. Karthikeya H S and Soumya A, “Deep Learning Aided Digitization of Indian Music Treatises”, Springer 2nd International Conference on Smart Data Intelligence (ICSDMI 2022) organized by Department of CSE & IT, Kongunadu College of Engineering and Technology, Trichy, Tamil Nadu on 11th & 12th April 2022
Smart Data Intelligence (Proceedings of ICSMDI 2022), Part of the book series: Algorithms for Intelligent Systems (AIS) --- pg 225 to 232 https://doi.org/10.1007/978-981-19-3311-0_19
6. Sumalatha Aradhya, Shashi Kumar, Rudraradhya P, Thejaswini S, Soumya A, “Real Time Vehicle Tracking, Information Retrieval and Motion Analysis using Machine Learning”, The IEEE International Conference on Intelligent Technologies (CONIT 2021), Hubballi, Karnataka, India, 25 – 27 June 2021 (Scopus Indexed)
7. Swapna Rao P and Soumya A, “A Study On Music Based Audio And Brain Signal Processing”, IEEE 4th International Conference on Computational Systems and Information Technology for Sustainable Solution (CSITSS) December 2019 (Scopus Indexed)
8. Priyadarshini R, and Soumya A, “Survey: Classification and reconstruction of Archaeological Artifacts”, Springer International Conference on Artificial Intelligence (Global AI Congress 2019), Calcutta, Sep 12-14, 2019 (Scopus Indexed)
9. Nija Babu and Soumya A, “Character Recognition in Historical Handwritten Documents–A Survey”, 8th IEEE International Conference on Communication and Signal Processing (ICCSPP 2019), pp. 0299-0304, Adhiparasakthi Engineering College, Tamilnadu, April 4-6, 2019 (Scopus Indexed)
10. Mohammed Hafeez ur Rehman and Soumya A, “GPU Based Characters Text Detection and Segmentation”, Proceedings of International Conference on Recent Trends in Computational Engineering and Technologies (ICTRCET-18), Organized by Dept of CSE in association with IEEE Bengaluru Section, RajaRajeswari College of Engineering, Bengaluru during 17th & 18th May 2018 (Scopus Indexed)
11. Soumya A and G Hemantha Kumar, “Fourier Features for the Recognition of Ancient Kannada Text”, Proceedings of Second International Conference on Computational Intelligence in Data Mining (ICCIDM-2015) – Volume 1, Advances in Intelligent Systems and Computing 410, Springer publications, pg 421-428, Odisha, 5th & 6th Dec 2015 (Scopus Index)
12. Soumya A and G Hemantha Kumar, “Enhancement and Segmentation of Historical Records”, Vol 5, No.13, pg 95-113, Fifth International Conference on Digital Image Processing and Pattern Recognition (DPPR 2015), Computer Science Conference Proceedings – AIRCC publications, Chennai, 25th & 26th July 2015
13. Soumya A and G Hemantha Kumar, “Feature Extraction and Recognition of Ancient Kannada Epigraphs”, pg 469-477, International Conference on Computational Intelligence in Data Mining (ICCIDM-2014), Vol 3, Springer publications, Veer Surendra Sai University of Technology (VSSUT), Burla, Odisha, 20th & 21st Dec 2014 (Scopus Index)
14. Soumya A and G Hemantha Kumar, “Recognition of Ancient Kannada Epigraphs using Fuzzy-Based Approach”, pg 657-662, International Conference on Contemporary Computing and Informatics (IC3I-2014), IEEE publications, SJCE, Mysore, 27th –29th Nov 2014 (Scopus Index)
15. Anjum R and Soumya A, “Enhancement and Segmentation of Ancient Kannada Scripts”, Fourth National Level Conference on Information Processing – 2014, AMC Engineering College, Bengaluru, 8th and 9th May 2014
16. Soumya A and G Hemantha Kumar, “ Classification of ancient epigraphs into different periods using Random Forests”, pg 172-178, Fifth International Conference on Signal and Image

Processing (ICSIP-2014), IEEE publications , BNMIT, Bengaluru, 8th -10th Jan 2014 (Scopus Index, Citation-1)

17. Soumya A and G Hemantha Kumar, “ Dating of Ancient Epigraphs using Random Forest Classifier”, pg 331-339, International Conference on Emerging Computation and Information Technologies (ICECIT-2013), Elsevier publications, Siddaganga Institute of Technology, Tumkur, 22nd and 23rd November 2013
18. Preethi P, Soumya A, “ Analysis of few Segmentation Algorithms on Epigraphical Images”, National Conference on Recent Trends in Computer Science and Engineering, Jain University, Kannakpur, 6th June 2013.
19. Padmavathi Krishnamurthy, Soumya A, “Artificial Intelligence – Perspective on The Journey through the Ages”, Proc. of National Conference on Recent Trends in Computer Technology (RTCT-2011), pg 142-148, R V College of Engg, Bengaluru, 29th and 30th April 2011
20. Nivedita G Gundmi, E S Shivaleela, Soumya A, “Regenerator Placement Algorithm with Optical Reach for DWDM Translucent Network”, Proc. of National Conference on Recent Trends in Computer Technology (RTCT-2011), pg 6-8, R V College of Engg, Bengaluru, 29th and 30th April 2011
21. Nivedita G Gundmi, Soumya A, E S Shivaleela, Shrikant S Tangade, “Comparison of Transparent and Translucent Network in DWDM Optical Networks”, Proc. of Annual International Conference on Emerging Research Areas (AICERA 2011), pg 220 – 225, Amal Jyothi College of Engg, Kanjirappally, Kerala, 28th to 30th April 2011.
22. Nivedita G Gundmi, E S Shivaleela, Soumya A, Shrikant S Tangade, “Performance Analysis of Transparent Network V/s Translucent Network in DWDM Optical Networks”, Proceedings of National Conference on Emerging Trends in Information Technology – NCETIT-2011, , pg 195-199, Don Bosco Institute of Technology, Bengaluru.
23. Srinivas Talabattulu, Shrikant S Tangade, Soumya A, Shalini S, “Quality of Transmission (QoT) – Aware Routing in All-Optical WDM Networks”, IEEE (ICP 2010), Print ISBN: 978-1-4244-7186-7, INSPEC Accession Number: 11589540, DOI: 10.1109/ICP.2010.5604435, Date of Current Version: 14 October 2010.
Appears in International Conference on Photonics 2010 (ICP 2010), pg 1-5, IEEE Photonics Society, Malaysia Chapter, Langkawi, Kedah, Malayasia on 5th to 7th July 2010.
24. Srinivas Talabattulu, Shrikant S Tangade, Soumya A, “Quality of Transmission (QoT) – Aware Routing in All-Optical WDM Networks”, Proc. National Conference on Information and Communication Technology (NCICT 2010), New Horizon College of Engineering, Bengaluru, 23rd April 2010. (Scopus Index)

Books/Book Chapters

1. A Soumya , Karthik S. Rao, and Sumalatha Aradhya, “Generation of Historical Artwork Using GAN”, Springer Nature Singapore Pte Ltd. 2023, ICT for Intelligent Systems, Smart Innovation, Systems and Technologies, Vol 361, pg 485 –497, https://doi.org/10.1007/978-981-99-3982-4_42
2. Karthikeya H S and Soumya A, “Deep Learning Aided Digitization of Indian Music Treatises”, Springer Nature Singapore, Smart Data Intelligence (Proceedings of ICSMDI 2022), Part of the book series: Algorithms for Intelligent Systems (AIS) --- pg 225 to 232 https://doi.org/10.1007/978-981-19-3311-0_19
3. Priyadarshini, R., Soumya, A., “Survey: Classification and reconstruction of archaeological artefacts”, Advances in Intelligent Systems and Computing, 2020, 1112, pp. 439–452
4. Soumya A and G Hemantha Kumar, “Fourier Features for the Recognition of Ancient Kannada Text”, Advances in Intelligent Systems and Computing 2016, 410, Springer publications, pg 421-428, DOI: 10.1007/978-81-322-2734-2_42

5. Soumya A and G Hemantha Kumar, "Feature Extraction and Recognition of Ancient Kannada Epigraphs", pg 469-478, Smart Innovation, Systems and Technologies 2015, Springer publications, DOI: 10.1007/978-81-322-2202-6_42

R & Grants & Consultancy Projects

Ongoing & Completed Research Projects

- **[Design & Develop optimized GPU implementation using OpenCL for executing Language Models on Android devices]** – Funding Agency: [SAMSUNG R&D INSTITUTE INDIA-BANGALORE PRIVATE LIMITED ("SRI-B)], Duration: [Aug 2024 to July 2025], Role: [Co-PI].
- **[Design & Develop optimized GPU implementation using OpenCL for non-AI programs in On Device AI usecases]** – Funding Agency: [SAMSUNG R&D INSTITUTE INDIA-BANGALORE PRIVATE LIMITED ("SRI-B)], Duration: [Jan 2023 to Aug 2023], Role: [Co-PI].
- **[SDV in a Box- Global AV Simulator – (Phase-II) – Optimization of the existing Simulator product in terms of Performance & Graphic quality and making it platform independent]** – Funding Agency: [Wipro-IISC Research & Innovation Network Consortium (WIRIN)], Duration: [July 2020 to June 2021], Role: [Co-PI].
- **[SDV in a Box- Global AV Simulator – (Phase-I)]** – Funding Agency: [Wipro-IISC Research & Innovation Network Consortium (WIRIN)], Duration: [June 2019 to November 2019], Role: [Co-PI].

Ongoing & Completed Consultancy Projects

- **[VMA | Vulkan Memory Allocator- Analysis and Improvements]** – Funding Agency: [SAMSUNG R&D INSTITUTE INDIA-BANGALORE PRIVATE LIMITED ("SRI-B)], Duration: [April 2024 to November 2024], Role: [Co-PI].
- **[OTV | Build a utility to convert OpenCL program to Vulkan Compute]** – Funding Agency: [SAMSUNG R&D INSTITUTE INDIA-BANGALORE PRIVATE LIMITED ("SRI-B)], Duration: [April 2024 to November 2024], Role: [Co-PI].
- **[Game Frame Analyser]** – Funding Agency: [SAMSUNG R&D INSTITUTE INDIA-BANGALORE PRIVATE LIMITED ("SRI-B)], Duration: [May 2023 to Nov 2023], Role: [Co-PI].
- **[3D Reconstruction from Posed Images]** – Funding Agency: [SAMSUNG R&D INSTITUTE INDIA-BANGALORE PRIVATE LIMITED ("SRI-B)], Duration: [July 2021 to Dec 2021], Role: [Co-PI].
- **[Code-Mixed Language Model and Multi-Intent System]** – Funding Agency: [SAMSUNG R&D INSTITUTE INDIA-BANGALORE PRIVATE LIMITED ("SRI-B)], Duration: [June 2021 to Jan 2022], Role: [Co-PI].
- **[ABB Architecture Comparison Tool – Phase 2]** – Funding Agency: [ABB Global Industries and Services Private Limited, Blore], Duration: [Sep 2023 to Dec 2023], Role: [Co-PI].
- **[ABB Architecture Comparison Tool – Phase 1]** – Funding Agency: [ABB Global Industries and Services Private Limited, Blore], Duration: [Sep 2022 to Dec 2022], Role: [Co-PI].
- **[Tensor-flow Object Detection with ARMNN]** – Funding Agency: [SAMSUNG R&D INSTITUTE INDIA-BANGALORE PRIVATE LIMITED ("SRI-B)], Duration: [August 2019 to January 2020], Role: [Co-PI].
- **[Digitization Engine – Segmentation]** – Funding Agency: [Gnostice Information Technologies Pvt. Ltd. Bengaluru], Duration: [Aug 2017], Role: [Co-PI].
- **[XtremeDigitization Engine with Mixed Language Capability in C#.NET]** – Funding Agency: [Gnostice Information Technologies Pvt. Ltd. Bengaluru], Duration: [Aug 2015], Role: [Co-PI].

Professional Memberships

- Life Member of the Indian Society of Technical Education (ISTE)
- Life Member of Computer Society of India (CSI)
- Life Member of Indian Unit for Pattern Recognition and Artificial Intelligence (IUPRAI)
- IEEE Membership
 - IEEE Computer Society Membership

Awards & Recognitions

- Received Certificate of Appreciation as a “Top Performing Mentor” in recognition as a Mentor for the NPTEL Online Certification Course “AI:Constraint Satisfaction” during Jan –Apr 2025
- Received Certificate of Appreciation as a “Top Performing Mentor” in recognition as a Mentor for the NPTEL Online Certification Course “Data Science for Engineers” during Jan –Apr 2025
- Awarded “Certificate of Excellence” for guiding the students towards Samsung Prism Worklet titled “Game Frame Analyser” during May 2023 to Nov 2023
- Awarded “SPoC of the Month June–July 2023” as appreciation for using Infosys Springboard and being a valuable Campus Connect partner during SPoCs’ Meet Aug 2023, by Infosys Ltd., Bengaluru
- Awarded “SPoC of the Month Dec 2021” as appreciation for using Infosys Springboard and being a valuable Campus Connect partner during SPoCs’ Meet Feb 2022, by Infosys Ltd., Bengaluru
- Awarded “Certificate of Excellence” for guiding the students towards Samsung Prism Worklet titled “Code-Mixed Language Model and Multi-Intent System” during June 2021–Jan 2022
- Faculty Mentor and Grader- “IUCEE AI for All” conducted by Dr Rao Vemuri (University of California Davis(Retd)– Sep 2020 to Nov 2020 organised by Dr Krishna Vedula, IUCEE
- Awarded “Certificate of Excellence” for the contribution to the Wipro-IISC Research and Innovation Network – (WIRIN) project titled “SDV in a Box- Simulator Optimizer” during July 2020–June 2021
- Felicitated by Rashtreeya Sikshana Samithi Trust in recognition of completing NPTEL online certification course with (Topper 2%) in the course “Outcome Based Pedagogic Principles for Effective Teaching (1-credit)” conducted by IIT Kharagpur during Aug – Sep 2018 , on 26th January 2019.
- Felicitated in recognition of obtaining Doctoral degree Ph.D (2016) in Computer Science from University of Mysore, Mysore, by R V College of Engineering – Indian Society for Technical Education (RVCE-ISTE) Chapter, Teacher’s Day Celebration on 23rd September 2017
- Awarded Best Single Point of Contact (SPoC) for the contribution to Infosys Campus Connect Program (during the period Jan 2016 to Dec 2016) at Infosys Principals’ Meet 2017, Infosys Ltd., Bengaluru, on 24th March 2017
- Honored in recognition of Doctoral degree Ph.D (2016) in Computer Science from University of Mysore, Mysore, by Rashtreeya Sikshana Samithi Trust, on 26th January 2017

Student Supervision

- Ph.D. Candidates: [03]
- M.Tech/M.Sc. Students: [31]
- Undergraduate Research Mentees: [54]

Professional Roles

- **External Jury Member:** [MTech Data Science – Mini Project with Seminar SEE”, on Dec 13th 2024, School of Computer Science and Engineering, RV University]
- **Committee Member:** [Sponsorship Committee, 7th IEEE International Conference on “Computational Systems and Information Technology for Sustainable Solutions [CSITSS – 2023]]
- **Committee Member:** [Sponsorship Committee, 6th IEEE International Conference on “Computational Systems and Information Technology for Sustainable Solutions [CSITSS – 2022]]
- **Committee Member:** [Sponsorship Committee, 5th IEEE International Conference on “Computational Systems and Information Technology for Sustainable Solutions [CSITSS – 2021]]
- **Session Chair:** [International Conference on Recent Trends in Computational Engineering and Technologies (ICTRCET-18) Organized by Dept of CSE in association with IEEE Bengaluru Section, RajaRajeswari College of Engineering, Bengaluru- 74 during 17th & 18th May 2018]
- **Industry Advisor:** [SPoC Infosys Campus Connect, Infosys Pvt. Ltd., Bangalore]

Teaching

Core Courses: [Current semester]

- [CD363IA] [Data Analytics & Visualization]
- [CS222IA] [Principles of Programming Using C]

Advanced/Lab Courses:

- [Data Analytics & Visualization lab]

Professional Roles

Responsibilities

- **Academic:** [Professor & Program Coordinator CSE– Data Science.]
- **Administrative:** [BoS Member, BoE Member, Department Compliance Committee Member, Lab In-charge, Dept Budget Committee Member, AICTE Activity Points Coordinator (Dept-Level)]

External Connect

- SPoC Infosys Campus Connect, Infosys Pvt. Ltd., Bangalore
- SAMSUNG R&D INSTITUTE INDIA-BANGALORE PRIVATE LIMITED (“SRI-B)
- Wipro-IISC Research and Innovation Network – (WIRIN)
- ABB Global Industries and Services Private Limited, Blore
- RAC Member, Global Academy of Technology, Bangalore