

BIO-DATA OF DR. D. S. GURU



CURRENTLY:

PROFESSOR, DEPARTMENT OF STUDIES IN COMPUTER SCIENCE,

EARLIER:

**MEMBER, BOARD OF MANAGEMENT, PRAVARA INSTITUTE OF MEDICAL SCIENCES
(DEEMED TO BE UNIVERSITY), LONI, MAHARASHTRA
(NOMINATED BY MHRD, GOVERNMENT OF INDIA) (2017-18 AND 2019-20)**

SENIOR RESEARCH SCIENTIST (ON SABBATICAL), NYMO TECH PVT LTD (R AND D), BANGALORE

CHAIRMAN, DEPT OF STUDIES IN COMPUTER SCIENCE (APRIL 2016 – APRIL 2018, Nov. 2020 - Nov. 2022)

CHAIRMAN, ADMISSION REFORMATION AND IMPLEMENTATION COMMITTEE (2017-2019)

FOUNDER DIRECTOR, DIRECTORATE OF DISTANCE EDUCATION (FEB. 2018- Nov. 2019)

DIRECTOR, INTERNAL QUALITY ASSURANCE CELL (MAY 2018 – OCT. 2019)

CHAIRMAN, BOARD OF STUDIES IN COMPUTER SCIENCE (PG & UG) (2014-2017)

CHIEF COORDINATOR, PG ENTRANCE EXAMINATION-2016

AND

NODAL OFFICER, CBCS EDUCATION (2009-2016)

ALSO:

FOUNDER TRUSTEE, MAHARAJA EDUCATION TRUST (R), MYSORE

FOUNDER PRESIDENT, SRI GURUMALLESHWARASEVA SAMITHI (R), DEVANUR

Social Media Interviews:

* Bimba Program, Mysuru Akashavani, 2008.

* Saadhakara Hejje Programme on Ciri TV, 2017. Link: [HTTPS://YOUTU.BE/HTTYVRHKYB0](https://youtu.be/HTTYVRHKYB0)

DBLP Link: <https://dblp.uni-trier.de/pers/hd/g/Guru:D=S>

Google Scholar Link: [HTTPS://SCHOLAR.GOOGLE.CO.IN/CITATIONS?USER=OWIOLCAAAA&HL=EN](https://scholar.google.co.in/citations?user=OWIOLCAAAA&hl=en)

UNIVERSITY OF MYSORE, MANASAGANGOTRI,

MYSORE - 570 006, INDIA.

01. Personal details.

Name : Dr. D. S. GURU

Father's Name : Late. D. M. Shanthabasavaiah
& Occupation Rtd. Head Master.

Permanent address : Devanur - 571 119
Nanjangud Taluk
Mysore District, INDIA.
Mobile: +91-96202 28005

Address for Correspondence
(Off) : (Res)
Professor # 830, VISHESHAPEKSA,
Dept. of Studies in Kanakadasa Nagar, 3rd Stage,
Computer Science, Dattagalli,
University of Mysore Mysore 570 022
Manasagangotri, 570 006 MYSORE, INDIA.
MYSORE, INDIA.

Phone : +91-821-2419325 +91-821-2415355

E-mail : ds@compsci.uni-mysore.ac.in,
dsguruji@yahoo.com

Date of Birth : July 27, 1970.

Place of Birth : Devanur, Mysore District, INDIA.

Sex : Male.

Nationality : Indian.

Marital Status : Married,
Blessed with a son and a daughter.

02. Educational Details

- **Ph.D. (1997 - 2000)** Doctorate in Computer Science from the University of Mysore under the supervision of Prof. P. Nagabhushan
Title: Towards accurate recognition of objects employing a partial knowledge base: Some new approaches
(An extensive exploration of efficient TOPOLOGY and SHAPE based algorithms for 2D-object recognition by creating a partial knowledge base)
- **M.Sc. (1991-1993)** Master of Science in Computer Science from the University of Mysore.
SECURED FIRST RANK WITH 78.25% OF MARKS.
Project: "SYNTHESIZER+": A MINIMAL RDB DESIGNER.

(An automated software tool for the minimal Relational Data Base design with respect to a given set of integrity constraints in general, functional dependencies in particular. The designs produced are shown to be minimal. A novel idea was incorporated)

*** Based on this project work, two technical papers were presented in student conferences and one of them was awarded a best prize.**

- **B.Sc. (1988-1991)** Bachelor of Science in Physics, Mathematics and Computer Science from the University of Mysore.

SECURED EIGHTH RANK WITH 80.33% OF MARKS.

03. Awards

- Recognized as “Best Ethical Teacher” from Rotary north, Mysore.
- Awardee of ARP (Award for Research Publication) by Vision Group of Science and Technology, Karnataka State Government under Engineering Sciences for the year 2009 – 2010 based on research publication.
- Awarded BOYSCAST FELLOWSHIP by the Department of Science and Technology, Govt. of India to visit Michigan State University for advanced research for 6 months from April-2005 to Sept. 2005 as a post-doctoral work.
- Awarded National Merit Scholarship during PG. Studies.
- Qualified in National Eligibility Test (1995) accredited by UGC, which is mandatory for any faculty position in Universities.
- Awarded the best student paper presentation prize in CSI convention – 1993.

04. Professional Experience

04.01 Regular

- Feb. 2012- **Professor**, Dept. of Studies in Computer Science, University of Mysore, Mysore.
- Feb. 2009 – Feb. 2012 **Associate Professor**, Dept. of Studies in Computer Science, University of Mysore, Mysore.
- Feb. 2006 - Feb. 2009 **Reader** Dept. of Studies in Computer Science, University of Mysore, Mysore.
- Feb. 2001 to Jan. 2006 - **Senior scale Lecturer**, Dept. of Studies in Computer Science, University of Mysore, Mysore.
- Oct. 1996 to Jan. 2001 - **Lecturer**, Dept. of Studies in Computer Science, University of Mysore, Mysore.

04.02 Additional

- **Senior Research Scientist** (on Sabbatical), Nymo Technology Pvt Ltd (R and D), Bangalore.
- **Visiting professor**, Huanghuai University of China, Zhumadian, China, April 2008.

- **Adjunct Professor**, International School of Information Management (ISiM), University of Mysore, Mysore (Aug. 2007 – July 2012).
- **Adjunct Assistant Professor**, Vidhyaranya Academy of Computing, Affiliated to University of Mysore, Mysore (Nov. 1995 to Oct. 1996)
- **Lecturer (Temporary)**, Dept. of Studies in Computer Science, University of Mysore, Mysore (Oct. 1993 to Sept. 1996).

05. Administration Experience

- **Chairman**, Department of Studies in Computer Science, Manasagangotri, Mysore (April 2016 – April 2018 and Nov. 2020 – Nov. 2022)
- **Chairman**, Governing Council, Maharaja Institute of Technology Mysore, Belavadi, SR Patna Taluk, Mandya District (2020 -)
- **Member**, Board of Management, Pravara Institute of Medical Sciences, Lony, Maharashtra (Nominated by MHRD, Govt of India) (2017 – 2020)
- **Chairman**, Admission Reformation and Implementation Committee (2017 – 2019).
- **Founder Director**, Directorate of Distance Education, UoM (Feb. 2018 – Nov. 2019).
- **Director**, Internal Quality Assurance Cell, UoM (May 2018-Oct. 2019).
- **Chief Coordinator**, PG Entrance Examination-2016, University of Mysore.
- **Chairman**, Board of Studies in Computer Science (PG and UG), University of Mysore (Oct 2014 – Oct 2017).
- **Nodal Officer**, CBCS Education, University of Mysore, Mysore (Jul. 2009 – June 2016)

06. Professional Recognition.

1. **Member**, State Level Board of Studies in Computer Science for framing model syllabus and regulation for Computer Science Education under National Educational Policy(NEP), Karnataka Government.
2. **Member**, Technical Advisory Committee, Abhijatha Kannada Literary Welfare Project, Kannada Pusthaka Pradhikara, Karnataka State Government.
3. **Member**, Technical Supervisory Committee Planning, Approval and Implementation of projects, e-Kannada Scheme, Karnataka Government.
4. **Member**, State level Executive Committee, Unified University and College Management System(UUCMS) Design, Nominated by Karnataka Government Dec. 2020.
5. **Member**, Academic Council, JSS College for Women, Saraswathipuram, Mysuru-9 for the period 2016-18, and 2019-20, Nitte Meenakshi Institute of Technology, Bangalore.
6. **Member**, Governing Council, JSS Institute of Speech and Hearing, Mysore, 2018-
7. **Member**, Governing Council, JSS Teacher Training College, Chamaraja Nagara, 2020-
8. **Sectional Secretary**, Information Communication Science and Technology Section, 103rd Indian Science Congress 2016 held at University of Mysore from 3rd to 7th Jan 2016.
9. **Member**, Post-Graduate Sports Council, University of Mysore (2015-2018)

10. Was assessed by students as the top **rank 1 (best)** faculty in the department.
11. Worked as a **Subject Expert**, Karnataka Public Service Commission, Karnataka Govt 1997.
12. **Member**, Core Committee, University of Mysore in implementing the choice based credit based system for the entire university.
13. Assisted the Chairman of the Department of Studies in Computer Science in designing and implementing M. Tech in Computer Science and Technology, M. Tech in Computer Cognition Technology and 3 years M.S (integrated) in Computer Science and Technology programs in University of Mysore and also to restructure the same programs towards credit based, choice based continuous assessment patterned programs.
14. The **first permanent faculty** member in the discipline of Computer Science and Technology, University of Mysore, Mysore.
15. **Member**, Board of Appointment of regular employees, Universities outside Karnataka including Jawaharlal Nehru University, JNU Delhi and MG University, Kerala.
16. **Chairman and Member**, Board of Adjudicating Committee, Doctoral Thesis, of many universities including IIT Mumbai, IIT Allahabad, Anna University, Cochin University of Science and Technology, University of Kerala, Kannur University, Mother Theresa Univeristy, PSG Tech Coimbatore, Nanded University, and many other.
17. **Visiting faculty**, Mangalore University, Mangalore (1998- 2002)
18. Worked as the **Treasurer, Vice President, Student Counselor and President** Computer Society of India, Mysore Chapter.
19. **Member**, Board of Examiners (both UG and PG), University of Mysore (many times)
20. **Chairman**, Board of Examiners (PU and UG), University of Mysore, (Many times)
21. **Member**, Board of Studies, University of Calicut, University of Mangalore, Karnataka University, Gulbarga University, Bangalore University, Bangalore Central University, Kuvempu University, JSS college for Arts, Science and Commerce (Autonomous) (many terms), JSS college for Women (Autonomous), Yuvaraja College (autonomous), Many other autonomous colleges and Universities.
22. **Chairman and Member** (many times), Selection committee, admission to M.Sc, MCA, M.Tech and M.S, University of Mysore.
23. Have been actively involved in teaching PG programs such as M.Sc Computer Science, MCA Master of Computer Application, M.Tech in Computer Science and Technology, M.Tech in Computer Cognition and Technology and M.S (integrated).
24. **Resource person** for UGC/AICTE/ISTE orientation, refresher and short term teachers training courses at Academic colleges, Human Resource Development Centers, and engineering colleges in Mysore, Hyderabad, Trivandrum, Calicut, Bangalore, Darawar and many others.

07. Research Recognition

01. **Associate Editor**, International Journal of Pattern Recognition, Elsevier Science, Nederland. **A top journal in the field of pattern recognition.**
02. **Have been identified as a reviewer for**
 - (a) International Journal of Pattern Recognition Letters, Elsevier.
 - (b) Journal of Pattern Recognition, Elsevier.
 - (c) Journal of Document Analysis and Recognition,
 - (d) Journal of Image and Vision Computing,
 - (e) IEEE Transactions on Neural Networks.
 - (f) IEEE Transactions on Patter Analysis and Machine Intellegence
 - (g) IEEE Transactions on systems, Man, and cybernetics
 - (h) IEEE transactions on Image Processing
 - (i) Journal of Information systems

Etc.,
03. Delivered several Webinars on Machine Learning, Data Structures, Artificial Intelligence during Covid 2019 pandemic situation.
04. Delivered many talks during AICTE ATAL FDP program conducted by various institutes across India.
05. Served as an **Organizing Chair**, International Conference on Data Analytics and Learning 2018 (DAL'18), Mysore. **DAL'2018**
06. Served as a member of **Program Committee**, on Document Analysis and Recognition, Kyoto, Japan. **ICADAR2017**
07. Served as a **General Chair**, International Conference on Cognition and Recognition, 2016, MITMysore. **ICCR2016, ICCR 2021.**
08. Served as a member of **Program Committee**, International Conference Series - Mining Intelligence and Knowledge Exploration (MIKE), **MIKE2013 - MIKE2018.**
09. Served as a **Program Chair**, International Conference on Multimedia data Communication and Computer Applications 2012. **ICMCCA2012.**
10. Served as a **program chair**, International Conference on Signal and Image Processing, 2009, Mysore. **ICSIP2009.**
11. Served as an **Organizing Secretary**, International Conference on Cognition and Recognition, 2011, Mysore. **ICCR2011**
12. Delivered an invited talk at Marshal University, West Verginia state university, USA.
13. Delivered an invited talk at International Conferences **ICCIMA-07, ICCBIR'08, RTIP2R 2016, RTI2PR 2018, CVIP2020, ICCET2020.**
14. Have been working as a referee / reviewer for National and International Conferences including **ACM** and **IEEE** sponsored conferences.
15. Have been chairing sessions in National and International Conferences, **ICDAR, NCDAR, ICCIMA, ICVGIP** etc.
16. Recognized as a research guide to supervise candidates working towards M.Sc (Tech) by Research and Ph.D in Computer Science and Technology, University of Mysore.

17. Delivered sequence of lectures on Research and its importance and Documentation at National workshop conducted by National Engineering College, Kovilpatti, November 17-18, 2006.
18. Served as a member of the organizing committees, National Conference on Document Image Analysis and Recognition, **NCDAR2001** and **NCDAR2003** and International Conference on Cognition & Recognition, **ICCR2005** and **ICCR2008**.
19. Worked as resource person in several Symposiums, Workshops and Short-term courses.
20. Established and have been the person in charge, Research Lab (DALL), Department of Studies in Computer Science, University of Mysore, Mysore.
21. Served as the team leader in conducting a three days workshop on image processing at Lady Doak College, Madurai, Tamil Nadu, Feb 18th – 20th, 2002.
22. Pixel Show-2004, State-level Technical Seminar on "Document Image Processing, Mainframe, Net and Embedded system", Academy of Muthayammal College of Arts and Science, Rasipuram, Tamil Nadu, 7th Feb. 2004. (Resource person).
23. Pixel Show – 2002, State-level Technical seminar on “Pattern Recognition”, Academy of Muthayammal College of Arts and Science, Rasipuram, Tamilnadu, 16th Feb. 2002 (Resource Person).
24. Organized and conducted a week workshop on ‘Hands on experience on Image Processing’ for the benefit of researchers and faculty members in and around Mysore at the Department of Studies in Computer Science, Manasagangothri, Mysore, 25th of Feb - 2nd of Mar 2002.
25. Guided a number of projects at M.Sc/ M.C.A/ M.Tech level and based on these some papers have been published.

08. Research projects

S.No.	Organisation Name	Nature of project	Duration of project	Amount of grant (Rupees)
01	UGC, New Delhi	Major Research	2001-2004 (3 years)	3,81,000.00
02	UGC, New Delhi	Major Research	Jan 2005 -Dec 2007 (3years)	4,62,600.00
03	DST, New Delhi BOYSCAST	Career Advancement	April 2005 - Sep 2005	7,04,000.00
04	UGC-SAP	DRS-I (Department Development)	2011-2016	26,50,000.00
005	UGC- UPE, New Delhi	University Development (High Performance Computing Laboratory)	2012-2019	5,00,00,000.00
06	DST Inspire	Major Research	Oct 2013 - May2018 (4.6 years)	18,37,275.00

09. International Exposure

- a) **Michigan State University, East Lansing, MI, USA, April 2005-Sept. 2005:** Visiting researcher, Biometric group, PRIP lab
- b) **West Virginia University, USA, Aug. 2005 (One week):** Delivered an invited talk on Eigen values for feature extraction
- c) **Marshall University, West Virginia, USA, Sept. 2005 (One week):** Delivered an invited talk on advanced issues in Pattern Recognition and Image Processing
- d) Visiting professor, **Huanghuai University of China, Zhumadian, China, April 2008.**
- e) Invited speaker of the Workshop on EMERGING APPLICATIONS OF COMPUTER VISION(EACV-2011), **Russia. Moscow, Russia, 1st–5th November 2011.**

10. Member of Professional / Academic bodies.

- Life member of Computer Society of India (CSI). (Membership No: 8675) (Served as student counselor, Vice Chairman, Teacher and Chairman of CSI Mysore Chapter)
- Life member of Indian Society for Technical Education (ISTE). (Membership No: 928)
- Life member of the Society of Statistics, Computer and Applications, New Delhi. (Membership No: LM0202, served as advisory board member and also Executive Council)
- Life member of Indian Unit of Pattern Recognition and Artificial Intelligence (IUPRAI) (Membership No: L 007).
- Life member of Indian Science Congress Association (ISCA). (Membership No: L26774)
- Has been a member of Faculty of Science & Technology, University of Mysore.

11. Areas of interest.

11.1 Academic interest

Discrete mathematics and Graph theory, Automata theory and Compiler design, Analysis and Design of Algorithms, Data structures, Data Base Systems, Software Engineering, Pattern Recognition, Image Processing.

11.2 Research Interest

Object recognition, Feature extraction, Cluster analysis, Spatial knowledge representation, Image retrieval, Advanced data structures, Symbolic data analysis, Image segmentation, Character recognition, Document image analysis, Sign language recognition, Shape analysis, Text classification, Image/Video processing, Biometrics, Automation of Relational database design, Data Mining, Fuzzy Symbolic Databases, Precision Algorithm.

12. Post-Doctoral Research Activities

1. Fuzzy-Symbolic Data Analysis for Object Recognition.
2. Design of Intelligent Fuzzy-Symbolic databases for data/image mining.
3. Classification of Symbolic Data through Symbolic Similarity and Dissimilarity Measures.
4. Design of intelligent models for Image archival and retrieval based on spatial relationship.
5. Automation of Sign language recognition and interpretation.
6. Document image analysis and recognition both printed and hand written.
7. Indexing of Biometrics.
8. Signature recognition/verification (both online and offline)
9. Face recognition and indexing
10. Video Archival and Retrieval and case study with respect to flower images and videos.
11. Text classification and text data dimensionality reduction.
12. Precision Agriculture, Tobacco leaf classification, Mango fruit classification.
13. Classification and retrieval of Vachanas in Kannada from a large corpus.
14. Classification and recognition of celebrity faces in cartoon images.
15. Recognition of children faces in real time videos.

13. Research Supervision

13.1.Ph. D

Awarded

1. **Sumithra R.** Study of Longitudinal Face Data of Children for Stable Face Recognition Accuracy (2022).
2. **Mostafa Ali.** Agriculture Information System: Association Rules mining to Analyze Farmers' Complaints (2020).
3. **Jyothi V K.** Archival and Retrieval of Flower Videos (2020).
4. **Vinay Kumar N.** Dimensionality Reduction of Interval Valued Data (2019).
5. **MahamadSuhil.** Representation and Classification of Text Data (2018).
6. **ManjunathaK S.** User dependent Online signature verification system(2017).
7. **Ravikumar M.** Estimation of Multiple skews in Trilingual Handwritten Document Images (2016).
8. **Sharath Kumar Y. H.** Classification and Retrieval of Flowers (2014).
9. **Mallikarjuna P. B.** Computer vision based solution for agricultural related problems(2013).
10. **Elham DCARTV:**Classification, Archival and Retrieval of Traffic Videos. (Iran) (2013).
11. **Nagasundara K B.** Biometric Indexing(2013)
12. **Manjunath S.** VARS:Video Archival and Retrieval System (2012).

13. **Harish B. S.** Classification of large textual data (2011).
14. **Prakash H.N** Analysis and understanding of handwritten signatures (2010).
15. **Suraj M.G.** Image processing based approaches for sign language interpretation (2009).
16. **H.S. Nagendraswamy.** Fuzzy symbolic approaches for representation and classification of 2D shapes (2007).
17. **B. H. Shekar.** Intelligent algorithmic models for 3D object recognition (2007).
18. **Bapu B. Kiranagi.** Classification of Symbolic data through symbolic similarity and dissimilarity measures (2006).
19. **Dinesh R.** POOR: Partially Occluded Object Recognition – Some new techniques (2006).
20. **Punitha P.** IARS: Image Archival and Retrieval systems (2006).

Ongoing

21. **Annapurna H.** Writer Dependent Characteristics for Verification and Updation of Reference Offline Signatures.
22. **Prajna S.** Detection and Recognition of faces of celebrities in cartoon images.
23. **Tayebeh Rahmati.** Printed Persian Text recognition in Natural scene images.
24. **Shivaprasad D. L.** Design and Development of Video-based children face recognition and mood prediction system.
25. **Basavanna C.** Kannada Text Classification and Retrieval: A Case Study on Vachana Corpus.
26. **Nandhini D.** (Quality Assurance on Food Products: Computer Vision based Approaches).
27. **Saritha N.** (Retrieval of Cartoon Images).
28. **Swaroop D.** (Enrolled).

13.2 M.Sc (Technology) by Research

Awarded

1. **Siddesha S.** Image Processing and Pattern Recognition approaches for classification of pollen grains (2008).
2. **Naveen.** Representation of document images: Spatial Relationship based approaches (2006).
3. **Girish R.** Pattern Recognition methodologies for recognition and interpretation of a sign language (2005).

14. Workshops/ Symposiums / Conferences attended and Delivered: (for recent 2 year)

1. Delivered a Keynote on 26th, Nov. 2022. Five-day Faculty Development Program (FDP) in online mode, ATAL sponsored Principles of AI, ML and DL (advanced)

26. Nov – 30th Nov. 2022, organized by The Department of Studies in Computer Science, University of Mysore.
2. Chaired Inaugural Session and delivered presidential address. National Seminar on Soft Computing Techniques to Pattern Recognition (SCTPR22), organized by The Department of Studies in Computer Science, University of Mysore, 27th Nov. 2022.
3. Delivered a Keynote on 29th March. 2022 and Chief Guest for inaugural session. UGC sponsored Two-day Workshop on Machine Learning and Deployable Artificial Intelligence, Department of Computer Science and MCA, Kuvempu University, Shivamogga.
4. Delivered a talk on 24th March 2022. Three day national level seminar on Machine Learning and its applications, ATME College of Engineering, Mysore, 24th – 26th. March. 2022.
5. Delivered expert talk on 24th . Feb. 2022. Faculty Development Programme on "Essential dimensions of High Quality Research", 24th Feb. – 03rd March. 2022. School of Computer Science, VET Institute of Arts and Science, Erode.
6. Delivered a keynote on 21st, Feb. 2022. Five Days Faculty Development Programme on Artificial Intelligence Supported by AICTE Training and Learning (ATAL) program, from 21-25, Feb. 2022. Department of Computer Science, Central University of Kerala.
7. Delivered a Special lecture on Machine Learning, UGC Sponsored faculty awareness Program at HRDC, University of Mysore on 11th, Feb. 2022.
8. Delivered keynote on 17th Jan. 2022 in online, International Conference on Humans and Technology: A Holistic and Symbiotic Approach to Sustainable Development (ICHT 2022), January 17 to 22, 2022, MES College, Marampally, Kochi.
9. Served as General Chair, International Conference on Cognition and Recognition (ICCR 2022), organized by Maharaja Institute of Technology Mysore 30-31. Dec. 2021.
10. Served as Advisory board member, Sixth IAPR International Conference on Computer Vision and Image Processing (CVIP 2021), IIT, Ropar, Panjab, 3-5. Dec. 2021.
11. Chaired Inaugural Session and delivered presidential address. National Seminar on Soft Computing Techniques to Pattern Recognition (SCTPR22), Department of Studies in Computer Science, University of Mysore, 27th Nov. 2022.
12. Delivered a Keynote on 26th , Nov. 2022. Five day Faculty Development Program (FDP) in online mode, ATAL sponsored Principles of AI, ML and DL (advanced) 26. Nov – 30th Nov. 2022, organized by Department of Studies in Computer Science, University of Mysore.
13. Delivered a lecture, UGC Sponsored Orientation Program at HRDC, University of Mysore on 20, Nov. 2021.
14. Delivered a lecture, UGC Sponsored Orientation Program at HRDC, University of Mysore on 13, Nov. 2021.
15. Delivered a lecture as a Resource Person for the seminar on "Research Methodology and Documentation" held on 06.10.2021 through online. R.M.K COLLEGE OF ENGINEERING AND TECHNOLOGY, Chennai.

16. Delivered an invited talk on 21st, Sept. 2021. Five day Faculty Development Program (FDP) in online mode, ATAL sponsored program An Insight into Biometrics for Digital Forensics, 20th Sep. 2021 and 24th Sep. 2021, organized by SJ College of Engineering, Mysore.
17. Delivered talk on 4th Sept. 2022, Faculty Development Series Program on “Mathematics in Artificial Intelligence, Machine Learning and Deep Learning for Faculty and Practitioners”, Dept of CSE, KLET, Hubli, 1-5 Sept. 2022.
18. Delivered a lecture, UGC Sponsored Orientation Program at HRDC, University of Mysore on 03, Sept. 2021.
19. Delivered a lecture, UGC Sponsored Orientation Program at HRDC, University of Mysore on 02, Sept. 2021.
20. Delivered a keynote speech in Fifth National Level Research Symposium on Computing (RSC 2021), organized under TEQIP-III activities, **19th – 21st March 2021**. Walchand College of Engineering (WCE), Sangli.
21. Delivered an invited speech during Three days International Conference on Artificial Intelligence and Soft Computing (ICAISC2021), 11th – 13th, Feb. 2021, Karnataka State Akkamahadevi Women’s University, Vijayapura.
22. Delivered a talk in AICTE funded ATAL FDP on mathematics for machine learning, 18th – 22nd Jan. 2021, SJ College of Engineering, Mysore.
23. Delivered an invited talk during International conference on Computer Vision and Image Processing 2020 (CVIP2020), Dec. 4-6, 2020, Allahabad.
24. Delivered a keynote talk during the AICTE sponsored ATAL FDP on Machine Learning and Deep learning for Video Analytics, Dept of Computer Science, Mangalore University, Mangalore, 2nd Nov – 6th Nov 2020.
25. Delivered a online lecture as Resource Person for the “Alva’s TECHNOTHON-2020” held on 27th October 2020, at Alva’s Institute of Engg. & Technology, Moodbidri.
26. Participated and read out a poem in Parents’ Kavigosti, 29th Sept. 2020, Excell Public School, Mysore.
27. Delivered an invited talk and valedictory address in AICTE sponsored ATAL 5 days FDP on Computer Vision and Pattern Recognition: Challenges and Opportunities, 21st – 25th Sept. 2020, Dept. of CSE, SJ College of Engineering, Mysore.
28. Delivered an invited talk in the AICTE sponsored STTP on "Design of Knowledge-Based Systems using Artificial Intelligence and Machine Learning models: In the context of Agricultural and Food Products”, 07th – 12th Sept. 2020, (08-09-2020) Computer Science and Engineering Department(CSE), MIT, MAHE, Manipal.
29. Delivered a talk in three days webinar sponsored by DST-CURIE on Artificial Intelligence, organized by the Dept of Computer Science, Karnataka State Akkamahadevi Women’s University, Vijayapura. 25th -27th Aug. 2020.
30. Delivered two online invited talks and also a valedictory address during AICTE sponsored ATAL Six days online Short Term Training Program on Machine Learning for Societal Applications, 24th – 29th Aug. 2020, PA College of Engineering, Mangalore.
31. Delivered an Exemplary talk in One Week Online faculty Development Programme on Exemplary Practices in Teaching-Learning and Evaluation of Courses in

Computer Science and Information Technology, Aug. 3-7, 2020 (06-08-2020), jointly organized by Visvesvaraya Technological University, Belagavi and Indian Institute of Technology, Allahabad.

32. Delivered a lecture in virtual webinar series on Research Frontiers in Intelligent Computing, organized by BNM Institute of Technology, Bangalore during 25th June, 2020 to 3rd July 2020 (27-06-2020).
33. Delivered an inaugural cum keynote talk in two days National level FDP webinar on "E-content preparation and effective presentation of online classes using ICT tools", JSS College of Arts and Commerce, Gudlupet, 22-23, June 2020.
34. Delivered a keynote lecture in Applications of Mathematics workshop, organized by the Government of Tamil Nadu, for the 10+ education teachers, 22nd June, 2020.
35. Chaired an inaugural session and delivered an inaugural speech at International Seminar on Artificial Intelligence: Challenges and Opportunities. SJ College of Engineering, Mysore, 13th Jan. 2020 (Also served as Seminar Advisor).
36. Co-ordinated a panel discussion (served as a member of advisory board) at 5th International Conference on Computing in Engineering and Technology ICCET 2020, MGM's College of Engineering, Nanded, Maharashtra, Jan. 09-11, 2020.

Note: Up to 2019, more than 100 talks were delivered.

15. Social Responsibility and Services

01. Founder Trustee cum Treasurer, Maharaja Education Trust (R), Mysore, responsible for establishing,
 - A. Maharaja Institute of Technology Mysore (MITM), Belavadi, SR Patna Taluke.
 - B. Maharaja Institute of Technology Thandavapura (MITT), Nanjangud Taluke
 - C. Agriculture Food Management Institute, Mysore.
 - D. Gopaldaswamy Independent PU college, Mysore.
 - E. Gopaldaswamy High School, Mysore.
 - F. MIT First Grade College, Mysore.
 - G. Maharaja Education Trust Academy, Mysore.
02. Founder President, Gurumalleshwara Seva Samithi (R), Devanur, responsible for organizing health camps, special programs for school children at native village.
03. Member, Heritage City Lions Club, Mysore, responsible for organizing various camps for the benefits of needy people.

16. Research Publications

Citations as on 03/12/2022	
Citations	3370
h-index	28
i10-index	77

	International	National	Total
Journals	80	09	89
Proceedings	209	51	260
Souvenir	06	-	06
Book Chapters	05	-	05
Grand Total	300	60	360

	Authored	Edited	Total
Books	03	05	08
Journals	-	02	02
Grand Total	03	07	10

16.1. In International Journals

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