

Faculty Profile

DivyaTL holds PhD in Data Mining from Viswesaraya Technologcal university ,Belagavi ,Karnataka,India.She is currently working as Assistant professor in the Department of MCA ,RVCE.

She has published more than 20 research paper in the various Scoupus indexed journal.Currently guiding 2 Ph D students.Consultancy taken up with TKAP for Data Visualization.

Faculty Photo

Personal Information

- **Name:** Dr.Divya TL
- **Designation:** Assistant Professor
- **Department:** Department of MCA
- **Email:** divyatl@rvce.edu.in
- **Phone:** 080-68188171

Google Scholar Citation link:<https://scholar.google.com/citations?hl=en&user=abLriy0AAAAJ>

Research gate profile details:<https://www.researchgate.net/profile/Divya-Tl>

<https://rvce.irins.org/profile/313853>

Domain of Expertise: Data Science and Data Visualization,Software Testing

Research Focus

- **Primary Area:**Artificial Intelligence and Machine Learning,Image Processing
- **Allied Areas:**
 - o Visual Computing
 - o Data Analytics

Academic Qualifications

- **Ph.D.:** Computer Applications, VTU, 2019
- **M.C.A.:**VTU,2005
- **BSc:**Kuvempu University.2002

Professional Experience

Experience			
S.No	Institute/College/Industry	Job Title	Duration (From- To)
1.	RV College dof Engineering	Assistant Professor	2007 to till date

Publications & Patents

Journal Publications

1. Saravanan C, Divya T L, Vibha T R, "Melanoma Skin Cancer Detection and Classification Using Deep Learning and Image Processing", SN Computer Science ,2025.Q2(Scopus Indexed)
2. Divya TL,Aniketh, Anup Ganesh,"An Automated Sentiment-Driven News Summarization and Categorization System using Web Scraping and NLP",International Journal of Computer Applications (0975 – 8887), 10.5120/ijca2025924752 Volume 186 – No.81, April 2025
3. Jayasimha S R, Divakar H R, Divya T L, & Varadaraj. R. (2024). Mobile Agent Communication in the Cloud Data Center. Journal of Computational Analysis and Applications (JoCAAA), 33(07), 137–144. Q4 (Scopus Indexed)
4. Divya TL, Chandrani C, Saravanan C, Savita S, Jayasimha SR, "Study On The Various Software Application Design And Testing Strategies For Development Of Good Quality Software", International Journal Of Creative Research Thoughts - IJCRT (IJCRT.ORG), 10,ISSN: 2320-2882, Issue 5, May 2022 | ISSN: 2320-2882, 641-645
5. Divya TL, VijayalakshmiM.N and Anupama Kumar S published a paper title "Detection of Supporting Features and its Implications on Forest Fire Occurrence using Random Forest Algorithm" in Complex Systems and Complexity Science International Journal, Issue 4, Vol.8 &ISSN-NO-1672-3813, PP 1-8.
6. Divya TL, Vijayalakshmi MN ,"Envisagation and Analysis of Air Pollution Caused by Forest fire using Machine Learning Algorithm, International Research Journal of Engineering and Technology (IRJET),Volume02,Issue04,Pp-282-286,e-ISSN: 2395 -0056,p-ISSN: 2395-0072, July-2015
7. Divya TL, MN Vijayalakshmi", Implementation of data mining techniques for Temperature Extraction for forest fire occurrence with Image analysis ", International Journal of Innovative Research in Computer and Communication Engineering,(IJRCCE), ISSN (online)-2320-9801,ISSN(print)2320-9798, Volume 1,Issue10,Dec-2013,PP2423-2428
8. Divya TL, MN Vijayalakshmi ,"Development of frame work for prediction of Forest fire and fire spread direction using Image mining" ,International Journal of Advanced Research in Computer and Communication Engineering(IJARCCE),ISSN-2278-1021,Volume 2 issue 12 dec2013-pp4878-4882
9. Divya TL, MN Vijayalakshmi ,"Wild conservation Burnt area prediction by Data Mining", International Journal for Computer Applications. from 9th-11th November 2011

Conference Papers

1. Divya TL, Anupama S kumar, Divya M , Dhanya M, Srijiith,"Data Storage And Visualization Analysis Of Tableau And Power BI: Unveiling The Strengths And Weaknesses Based On Performance", Hinweis ASIT2024 Conference.
2. Divya TL, Dr. MN Vijayalakshmi, "Analysis of Wild Fire Behaviour in Wild Conservation Area using Image Data mining", 2015 IEEE International Conference on Electrical Computer and Communication Technologies (IEEE ICECCT) at SVS college of Engineering, Coimbatore, Tamil Nadu, India, from 5th -7th March 2015
3. Divya TL, Dr. MN Vijayalakshmi, "Manjuprasad B, Dr.Andhe Dharani, "An efficient and optimal clustering algorithm for real time forest fire prediction with Sensor network and data mining" IEEE International conference on communication and signal processing,Adhiparashakthi Engineering college, Melmaruvathur, April3-5,2014,Pp802-805.
4. Divya TL, Dr. MN Vijayalakshmi, "Forest Fire Danger Rate Prediction By Data mining" First International Conference on Future Computing (ICFC) 2012, ISBN 978-81-8487-271-2, R.V. College of Engineering, Bangalore, Karnataka, India from 20th to 22nd December 2012
5. Divya TL, Dr. MN Vijayalakshmi, "Forest Fire Spread Direction Detection by Spatial Data mining", 3rd International Conference on Mechanical and Electrical Technology (ICMET 2011), from 24th-25th Aug 2011, Dalian China

Books/Book Chapters

1. Computational Intelligence for Data Analytics”, for the book " Recent Advances in Computational Intelligence” by Springer, Cham, March 2019, Print ISBN 978-3-030-12499-1, Online ISBN 978-3-030-12500-4.
2. “Inference of Replanting in Forest Fire affected land using Data Mining”, Computational Intellingence , Springer, Vol 1, ISBN No 978-81-322-2732-8 (Print) 978-81-322-2734-2(Online)

Ongoing & Completed Consultancy Projects

- CISCO Intelligent Analytics Team member for Concultancy work, 2017-2022 Under Leadership of Dr.MN Vijayalakshmi.(Completed)
 - Completed training and Monitoring of the Projects.
- Visual Computing (COE) team member 2022 to till date under the leadership of Dr.Anala MR
 - Training the students
 - Projects monitoring
- Consultancy taken up with TKAP for Data Visualization.2023-2025(ongoing)
- Project Titled “Smart Sevaka “, accepted for the Karnataka State Council for Science and Technology (KSCST) . (Completed)
- Project Titled “Telemetry-Driven Hazardous Gas Prediction in Atmosphere Monitoring”, accepted for the Karnataka State Council for Science and Technology (KSCST) . (ongoing)(PI)

Professional Memberships

- ISTE - 71665

Student Supervision

- **Ph.D. Candidates:** 02(Pursuing)
- **M.C.A:** 102

Professional Roles

- **Editorial Board:**MAT Journal Reviewer
 - <https://matjournals.com/Editorial-Journal-of-Data-Mining-and-Management.html>
 - Reviewer in SN Computer Science Journal

Chair/Committee Member:

Program committee Member and Reviewer:3rd International conference Advanced Data Driven and Intelligent Systems 2024.

Reviewer: 8th IEEE International Conference on Computational Systems & Information Technology for Sustainable Solutions (CSITSS), held from 7th to 9th November, 2024.

Session Coordinator Reviewer: 7th IEEE International Conference on Computational Systems & Information Technology for Sustainable Solutions (CSITSS), held from 7th to 9th November, 2023.

Session Chair:The Global Conference on Information Technologies & Communications is technically Co-sponsored by IEEE Bangalore section in Reva University, Bangalore, Karnataka, India,December 3rd 2023.

For the International conference CISITSS,RVCE, worked as member with different committee from 2018 to till date.

Teaching

Core Courses: [Current semester]

- Software Testing
- Data Visualization

Advanced/Lab Courses:

- Data Visualization with Tableau at Department of Computer Science

Professional Roles and Responsibilities

- **Academic:** Working for Examination Section
- **Administrative:** Compliance Committee Member , Lab In-charge Data Science , BIV

External Connect

- VTU PhD Course work related works
- External examiner for lab oriented courses

Projects

Number of UG Projects Guided	Number of PG Projects Guided	No. of Doctorate Students	
NA	102	Completed	In Progress
		00	02

Publications

National Journals	National Conferences	International Journals	International Conferences	Book Chapters Published	Patent Granted
NA	01	07	05	02	NA