

Dr. Shankar R

Assistant Professor – Computer Science @ BMSIT

RPA Consultant @ Technodysis, Google Workspace Specialist, Corporate Trainer

With over 14 years of teaching experience complemented by a year in industry, I bring a diverse skill set to the table. My tenure as an RPA Consultant for Ecocash in Zimbabwe honed my ability to adapt technology to meet real-world challenges. As a published textbook author of "Understanding Artificial Intelligence" available on platforms like Amazon and Flipkart, I've translated complex concepts into accessible learning materials. Moreover, my role as a corporate trainer for leading organizations such as WIPRO, CISCO, MRIU, and UPES reflects my proficiency in imparting knowledge to diverse audiences. Additionally, my experience as a web developer for the BMS Institute of Technology & Management website underscores my versatility in both technical and educational domains.



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WORK EXPERIENCE

BMSIT

Assistant Professor, CSE

07/2015 - Present

Achievements/Tasks

- Hands-on approach to the courses.
- Developed and Maintaining BMSIT [website](#).
- [Google Workspace Admin](#) for the entire institute.
- Coordinated with [Coursera](#) and made our students and staff use Coursera's more than 3200 Courses Free with Certification.
- Brought [3 Lakhs](#) to the institute via consultancy works and delivered [more than 40 Invited Talks](#).
- Developed VTU Result Scraper and Analyzer via Python which was widely used by [100+ colleges](#).
- Designed and updated my own blog named shankarrajagopal.github.io which helped many students to access Microprocessor and Microcontroller, Artificial Intelligence, Computer Graphics materials. This already has 3900 views/hits within 5 weeks. It was well-received by not only BMSIT students but also other college faculty and students.

Technodysis

RPA Consultant

10/2023 - Present

Achievements/Tasks

- Handled Corporate Training on RPA and Microsoft Power Automate for the client Ecocash at [Harare, Zimbabwe](#).
- Worked with various stakeholders to achieve business demand and help them throughout their automation journey.

Sir. MVIT

Assistant Professor, CSE

01/2010 – 07/2015

Achievements/Tasks

- Wrote a Comprehensive Computer Graphics Lab Manual, Web Technology Lab Manual & Microprocessor & Microcontroller Lab Manual - helped students in analyzing lab programs in a brain-friendly way and made them write their own programs.

SRSIT

Lecturer, CSE

01/2009 – 01/2010

- Served as Placement Coordinator and conducted various hands-on sessions, invited several corporates for placements.

SKILLS

Corporate Training

RPA

Java

SQL

Google Workspace Admin

Python

Analytics

AI & ML

UiPath

Microsoft Power Automate

HTML

PHP

Git

ACHIEVEMENTS

Textbook Author of "Understanding Artificial Intelligence"

Available at Amazon, Flipkart etc

Patent filed on "Secure Trust Delegation for Sharing Patient Medical Records in Mobile Environment"

Contributed to Inter-Disciplinary Learning.

Best Teacher Award (04/2023)

Contributed exceptional training methods to achieve 100% results.

High Feedback from students consistently

Appreciating exemplary contributions made towards achieving course objectives.

Published 11 Technical Papers in International Journals (1 Q2, 1 Springer, 5 Scopus Indexed Journals)

As part of my research on Data Mining (Ph.D)

Academic

Received honorary award for topping academics at State level Board Exams in Sheshadripuram High School

CERTIFICATES

Machine Learning with Python

[Certificate](#)

Strategic Management Mastery: Elevate Business to Excellence

[Certificate](#)

The Data Science Course: Complete Data Science Bootcamp 2024

[Certificate](#)

INTERESTS

Problem Solving

Puzzles

Sports

Music

Technology

Travelling

Consulting

PUBLICATIONS

- Shankar R, Suma Swamy, "Exploring Sentiment Analysis in Kannada Language A Comprehensive Study on COVID-19 Data using Machine Learning and Ensemble Algorithms", International Journal of Intelligent Systems and Applications in Engineering, 647-656, ISSN: 2147-6799, Volume-2021, Issue-8, January 2024.
- Shankar R, Suma Swamy, "Hybrid Sentiment Analysis A Novel Integration of Corpus-Driven and Machine Learning approaches to perform Sentiment Analysis of Kannada Political Tweets", Journal of Propulsion Technology, 3246-3259, ISSN: 1001-4055 Vol. 44 No. 5 (2023), December 2023.
- Shankar R et al, "Parametrized Optimization Based on an Investigation of Musical Similarities Using SPARK and Hadoop", Springer Nature Computer Science, ISSN: 2661-8907, 5, 78, December 2023.
- Shankar R et al, "An Internet of Things-Based Smart Asthma Inhaler Integrated with Mobile Application", Springer Lecture Notes in Networks and Systems, ISSN: 978-981-99-3758-5, Volume 719, September 2023.
- Shankar R, Suma Swamy, "Sentiment Analysis of Kannada Political Tweets using Support Vector Machines", Design Engineering, 647-656, ISSN: 2277-3878, Volume-2021, Issue-8, September 2021.
- Shankar R, Suma Swamy, "Corpora Based Classification to Perform Sentiment Analysis in Kannada Language", International Journal of Recent Technology and Engineering, ISSN: 2277-3878, Volume-8 Issue-5, January 2020.
- Shankar R, Anuradha V, "Framework Enhancement for Common Public Radio Interface in SBTS", International Conference on Computer Networks, Security and Computing (ICCSC-2018), May 2018.
- Shankar R, Suma Swamy et al, "Text-Line Detection, Segmentation and Recognition In Natural Scene", International Journal Of Informative & Futuristic Research, ISSN: 2347 – 1697, Volume - 4, Issue – 10, June 2017.
- Shankar R, Hema M et al, "Review Analysis Through Voice Recognition", National Conference on Advances in Computing, 26th May 2017, BMSIT&M, Bengaluru 64.
- Shankar R, Suma Swamy et al, "A Survey on Sentimental Analysis in Different Indian Dialects" International Journal of Advanced Research in Computer and Communication Engineering Vol. 5, Issue 4, April 2016, ISSN: 2278-1021.
- Shankar R, Venugopal K R et al, "EMET: Extracting Metadata using ElementTree to Recommend Tags for Web Contents" International Journal of Computer Science and Information Technologies, Vol. 5 (6) ,2014, 8170 8177.

EDUCATION

Ph. D
VTU

2024

Bengaluru

Course

- Sentiment Analysis via Machine Learning

Master of Engineering
UVCE

07/2012 - 07/2014

Bengaluru

Course

- Web Technologies

3rd Rank

Bachelor of Engineering
K N S Institute of Technology

07/2004 - 07/2008

Bengaluru

Course

- Computer Science & Engineering

Pre-University
Nagarjuna PU College

2002 - 2004

Bengaluru

Course

- PCMB

PROJECTS

- A Self Evanescent Distributed System for Supportive Distance Learning
- Groupware for Enterprise Collaboration
- VTU CBCS Result Scanner
- Proctor Report Generator
- Graphical Editor
- Lexical Analyzer

LANGUAGES

English



Kannada



Hindi



Telugu

