



# Dr. Vishwanath Venkatesh Murthy

## Associate Professor

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### Experience (Teaching and Industry)

- RNSIT (2006- till date)
- EWIT, Sunkadakatte, Bangalore (2005-2006)
- Brindavan College, Bhoopsandra, Bangalore (2001-2005)

### Qualifications

- B.E. from KBP college, Shivaji University, Kolhapur
- M.Sc. from KSOU, Mysore
- Ph.D from Bangalore University

### Courses Taught (Academics)

- Data Structures, C, C++, JAVA, Python, System Software, Operating System
- Web Programming, Research Methodology, Artificial Intelligence

### Specialization (Research)

- Image processing
- Data mining

### Publications

- <https://scholar.google.com/scholar?oi=bibs&cluster=8916136299097093532&btnI=1&hl=en>
- <https://ieeexplore.ieee.org/abstract/document/7779374/>
- <https://ieeexplore.ieee.org/abstract/document/8573664/>
- [https://link.springer.com/chapter/10.1007/978-981-15-3514-7\\_7](https://link.springer.com/chapter/10.1007/978-981-15-3514-7_7)
- VGG16 CNN based Braille Cell classifier model for Translation of Braille to Text. | Specialusis Ugdymas (sumc.lt)
- <https://pdfs.semanticscholar.org/92e5/05cbb128fae4eacc5fe7104714b64923321.pdf>
- [certificatemanager.php \(ijrti.org\)](http://certificatemanager.php (ijrti.org))
- [confirmationlettermanager.php \(ijrti.org\)](http://confirmationlettermanager.php (ijrti.org))
- [https://www.ijcseonline.org/full\\_paper\\_view.php?paper\\_id=2345](https://www.ijcseonline.org/full_paper_view.php?paper_id=2345)
- Translation of Six Tuple Grade-1 Braille Alphabet to English Alphabet. (ijitee.org)
- Paper Title (use style: paper title) (ijitee.org)

### Patents

- “An Algorithm for Detecting and Cropping Individual Braille Cells for Translating to The Natural Text” Published Date: 20/12/2024 Authority: Intellectual Property India, Office of the Controller General of Patents, Designs & Trademarks, Department for Promotion of Industry and Internal Trade, Ministry of Commerce & Industry, Govt. of INDIA
- “Endoscope image quality enhancement to detect polyps in gastrointestinal tract” Published Date: 22/03/2024 Authority: Intellectual Property India, Office of the Controller General of Patents, Designs & Trademarks, Department for Promotion of Industry and Internal Trade, Ministry of Commerce & Industry, Govt. of INDIA