Dilip S.Kale

M.E. in Computer Engineering
B.E. in Computer Engineering
Ph.D (Pursuing)

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Email: dilip.kale@mctrgit.ac.in
Cell No: 9969950752

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Designation: Assistant Professor in Computer Engineering Department.
Experience: Educational 22.5 Years

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Areas of Interest: Artificial intellengence, Data base management system, Business data processing, Discrete structure, Computer Graphics, Image Processing, Big data Analysis, Machine Learning.

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Publications:

Journals:

1. **Kale D.S and Udmale S.S**. (2013), "Simple and Low Profile Wide Band Circular Patch with Rectangular Ground Planner monopole antenna A Literature Review". Elsevier.3 rd international conference on recent trends in Engineering & Technology.

Conferences:
1. **Kale D.S** and Sambhe V.K (2007) "Ground penetrating Radar", National conference on recent trends in information technology for rural development dec-2007.

2. **Kale D.S** and Sambhe V.K (2008) "Antenna for Mobile Jammer "paper presented in the area of wired and wireless advanced network at Internal conference, jully 2008.

3. Sonam Kamble and **Dilip Kale,** "An Advanced Tree Based Energy Routing Protocol", International Journals of Advanced Research in Computer Science and Software Engineering (IJARCSSE) Vol. 7, Issue 7, July 2017, pg. 231 - 235.

4. Sonam Kamble and **Dilip Kale,** " Enhanced Self - Organizing Tree - Based Energy - Balance routing protocol" International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE), Vol. 5, Issue 4, April 2017

5. Sonam Kamble and **Dilip Kale,** " A Survey on Self - Organizing Tree - Based Energy - Balance Routing Protocol", International Journal of   Innovative Research in Computer and Communication Engineering (IJIRCCE), Vol. 5, Issue 2, February 2017

Project Supervisor

PG level:
   1. Enhanced Clustering System Using Dijkstra's Shortest Path.

UG level:
   1. Content based Audio recognition and searching
   2. Speech Recognition
   3. Hands free system control using face detection
   4. Application of Fuzzy Logic for the Assessment of Engineering Student
   5. Crop yield pest Disease for Indian farmers using Big Data Analysis.

Short Term Training Program:

   1. Two Week Workshop on "Mathematical and Statistical Foundations in Engineering Application" From 16 th to 19 th September, 2016 and 12 th to 17th October, 2016 organized by Department of Computer Engineering and IT Under TEQIP-II.

   2. Two Week QIP Short Term Course (AICTE Sponsored) on "Big Data Analysis" From 10 th to 19th MAY, 2017 , Organized by Department of Computer engineering and IT,Veermata Jijabhai Technical Institute(VJTI),Mumbai.

Professional Bodies Association:

- Life Member of ISTE   [LM-51566]
- Life Member of ISNT [LM-6436 BM]
- ACM Member No   [0629431]