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 Personal Information

 Expertise Information

 Experience

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 Honours and Awards

 Doctoral Theses

 Professional Bodies

 Research Project

 Patents

 Publications

## Academic Identity



### Orcid Id

0000-0002-4167-2829 (<http://www.orcid.org/0000-0002-4167-2829>)

## Scopus Id



55551860600 (<http://www.scopus.com/authid/detail.url?authorId=55551860600>)



## Google Scholar Id

3CXQP5EAAAAJ (<http://scholar.google.co.in/citations?user=3CXQP5EAAAAJ>)

💡 Vidwan-ID : 91101

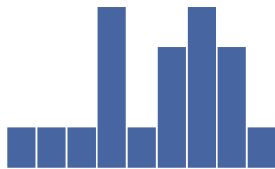
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### Dr Premasudha. B G

Professor

Siddaganga Institute of Technology

#### Publications 2009 - 2022



#### Publications

10 Journal Articles	8 Conference Proceedings	1 Review	8 Projects	12	1
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#### Citations / H-Index

152  
CITATIONS

5  
H-INDEX

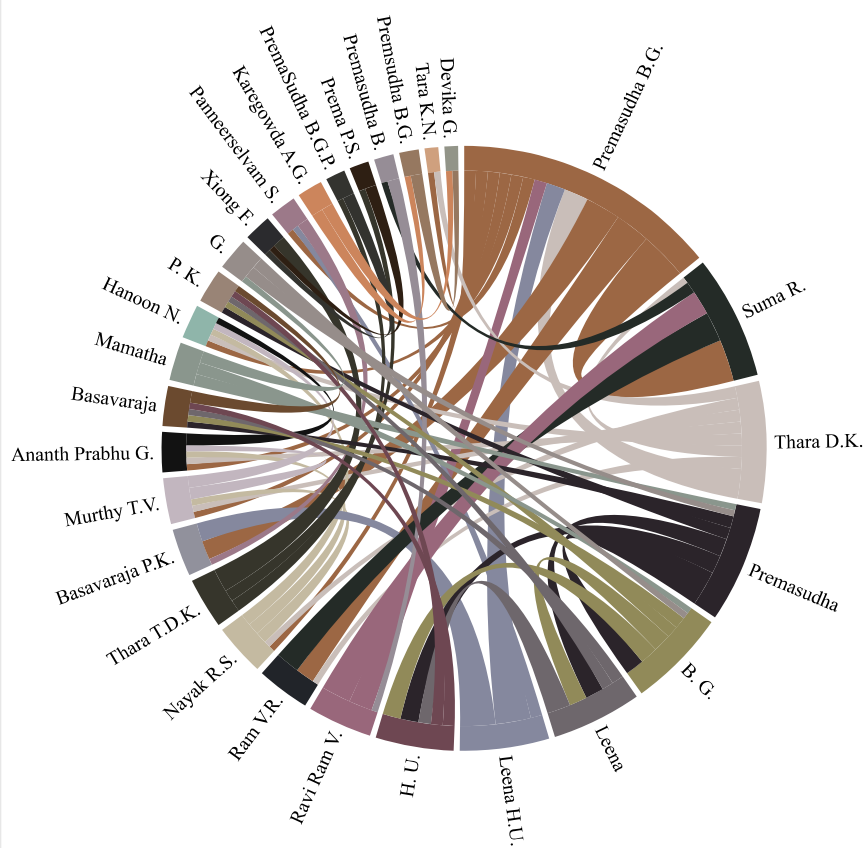
123  
CITATIONS

#### Google Scholar



## Years

- ☒ 2022
- ☒ 2021
- ☒ 2020
- ☒ 2019
- ☒ 2018
- ☒ 2017
- ☒ 2016
- ☒ 2015
- ☒ 2014
- ☒ 2013
- ☒ 2012



# Computer Science Information Systems

⚙️ Wireless Sensor Networks , MANET and VANET ,Location Based Services ,Spatial Data Analysis ,Geographic Information Systems ,Data Analytics ,Image processing, Deep Learning

## Personal Information

Dr Premasudha. B G




 Female

 Professor, Department of MCA Siddaganga Institute of Technology, B H Road, Tumkur





 Tumkur, Karnataka, India - 572103

 ()

## Experience

2010 - Present	<div> <b>Professor</b> MCA Siddaganga Institute of Technology</div>
2005 - 2010	<div> <b>Assistant Professor</b> MCA Siddaganga Institute of Technology</div>
1998 - 2005	<div> <b>Lecturer</b> MCA Siddaganga Institute of Technology</div>

## Qualification

2014	 M.Tech JNTU
2010	 Ph.D Dr.MGR University, Chennai
1998	 MCA Bangalore University
1990	 BE Bangalore University

## Honours and Awards

2015	DISTINGUISHED EDUCATOR AWARD National Foundation for Entrepreneurship Development (NFED)
2007	BEST PAPER International Conference and Indo-Canadian satellite Symposium on Pharmaceutical sciences, Technology, Practice and Natural health. Ooty, India
2007	TRAVEL GRANT TO PRESENT A PAPER AT INTERNATIONAL CONFERENCE, MAP MIDDLE EAST AICTE, New Delhi

## Doctoral Theses Guided

2019	An Active Evaluation of Routing Protocols in VANET over a Secured Communication Framework  Ravi Ram V, Visvesvaraya Technological University
2018	Design of a Secured Location Based Routing protocol for Mobile Ad-Hoc Networks

**Suma R**, Visvesvaraya Technological University

## 2016 OPTIMAL SPATIAL DISTRIBUTION OF SENSOR NODES IN WIRELESS SENSOR NETWORK

**Mamatha G**, Visvesvaraya Technological University

### Membership In Professional Bodies

Fellow Institute of Engineers (F-1206776)  
Life Time



ISTE  
Life Time

CSI  
Life Time


### Research Projects




#### Detecting Acute Middle Cerebral Artery Ischemic Stroke by Deep Learning

 Funding Agency : **ICT Skill Development Society, Department of IT,BT and S & T, Govt. of Karnataka, New Age Incubation Network(NAIN) during 2019-20**

 CoPI   ₹ 300000    2019 - 2020



## Online fertilizer recommendation through STCR Approach for Tumkur district of Karnataka

 Funding Agency : **DR Grants 2018-19, University of agriculture sciences,GKVK, Bangalore**

 CoPI  ₹ 500000  2018 - 2019

## Krishi Ganaka –A Kiosk aided soil fertilizer recommendation system for diereent crops of Tumkur District, Karnataka

 Funding Agency : **VGST – RFTT(Research Fund for Talented Teachers) Programme for the year 2017-18**

 PI  ₹ 500000  2017 - 2018

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### Patents

#### SYSTEM AND METHOD FOR AN OBJECT RECOGNITION FOR VISUALLY IMPAIRED

 **Premasudha BG, Mamatha Joshi**

 Engineering and Technology  Filed

 Filed 2020-08-26

### Publications (19)

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(<https://sit.irins.org/profile/91017>)



**Aparna R.**

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**Rudramurthy M.S**

(<https://sit.irins.org/profile/91021>)



**Purohit Shrinivasacharya**

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**Kavitha H.**

(<https://sit.irins.org/profile/91025>)

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**Bhanuprakash C**

(<https://sit.irins.org/profile/91109>)



**Virupakshaiah H K**

(<https://sit.irins.org/profile/91111>)



**Prashanth G K**

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