FACULTY PROFILE

Geetha M$_{MCA}$
Assistant Professor
MCA Department,
BIET, davangere-577004

Educational Qualifications:

B.Sc., MCA.
Pursuing Ph.D. [Computer Science]
at VTU,Belgaum

Sl.No	UG/PG	University	Year of passing	Result
1	B.Sc	Gulbarga University	1998	First
2	MCA	Gulbarga University	2001	Distinction

Teaching experience:

Sl.No	Organization /Institute	Designation	From	To
1	ASMC,Bellary	Lecturer	1-6-2001	30-4-2004
2.	ICFAI,Bellary	Faculty	1-5-2004	30-10-2004
2.	BIET Davangere	Lecture	9-8-2006	30-08-2012
3.	BIET Davangere	Asst. Prof	1-9-2012	Till date

Subjects Taught: C, Object Oriented Programming using C++, COBOL, JAVA, Discrete Mathematical Structures, Data Structures using C, Operations Research, Design & Analysis of Algorithms, Computer Graphics, Data Warehousing & Data Mining Software Testing and Practices, Cloud Computing, Programming using C#.Net, Software Engineering.

Area of Research: Image Processing using Remote sensing

Topic of Research:" Machine Learning Based Crop Pattern Mapping & Yield Estimation using Remote Sensing and GIS Technologies.

Address of Research Center: Dept.of MCA, SIT,Tumkur

 No.of Publications: 02

International Journal:
Research paper published in International Journal:
[1] Geetha M and Dr. Ashagowda karegowda, "*Crop mapping using SAR Imagery: A Review"* International Journal of Advanced Research in Computer Science (IJARCS), Volume: 7, Issue:7, ISSN:0976-5697 :47-52,2016.

[2] Geetha M, Dr.Ashagowda Karegowda and Dr. H S Sudhira "*Land Use and Land Cover Mapping of Davangere using Google Earth Engine"* International Journal of Recent Technology and Engineering (IJRTE) Scopus Index Journal, ISSN: 2277-3878 (Online), Volume-8 Issue-3, September 2019. Page No.:474-477.

Conferences/seminar/workshop:

- Conferences/seminar/workshop: Attended one day workshop on **"Research Add-ons"** on 19th March, 2014 organized at Department of Computer Science and Engineering, BIET, Davangere in association with ISTE students' chapter, BIET, Davangere.

- Attended one day workshop on **"Android Application Development"** on 26th March 2014 organized at Department of Master of Computer Applications, MCA Forum, Bapuji Institute of Engineering and Technology, Davangere-577 004 in association with ISTE Student Chapters', BIET, Davangere.

- Attended Two days workshop on **"Insight on advanced Java with exposure to Selenium & e-Commerce"** on 22nd and 23rd August 2014 organized at Department of Master of Computer Applications, MCA Forum, Bapuji Institute of Engineering and Technology, Davangere-577 004 in collaboration with Mahat Consulting, Bangalore.

- Participated in the one day workshop on **"Professional application development using .NET "**on 21 August 2015 organized at Department of Master of Computer Applications, Bapuji Institute of Engineering and Technology, Davangere-577 004 in association with Bhoomi Softwares, Davangere.

- Participated in the one day workshop on **"Research Methodology"** on 28th October 2015 organized by Research & Development cell of Bapuji Institute of Engineering and Technology, Davangere-577 004.

- Participated in the one day seminar on **"Java Crystals"** on 6th April 2016 organized by MCA forum, Dept. of MCA, Bapuji Institute of Engineering and Technology, Davangere-577 004.

- Participated in the one day seminar on **"Markov Chains and its Applications"** on 22nd April 2016 organized by MCA forum and Dept. of MCA, Bapuji Institute of Engineering and Technology, Davangere-577 004.

- Participated in the one day Seminar on **"Open Source Intelligence – Network, Application & Security"** on 31st August 2016, Organized by MCA forum and Dept. of MCA, Bapuji Institute of Engineering and Technology, Davangere-577 004.

- Participated in the one day Seminar on **"Introduction to Angular JS"** on 27th February 2017, Organized by MCA forum and Dept. of MCA, Bapuji Institute of Engineering and Technology, Davangere-577004.

- Participated in the one day Orientation Programme on **"Preparation for UGC-NET and SLET examination"** organized by MCA forum and in association with National Service Scheme(NSS), Bapuji Institute of Engineering and Technology, Davangere held on 19th April 2017.

- Participated in the one day Orientation Programme on **"Preparation for UGC-NET and SLET examination"** organized by MCA forum and in association with National Service Scheme(NSS), Bapuji Institute of Engineering and Technology, Davangere held on 19th April 2017.

- Attended two days workshop on "**Data Analytics using R-Tool**" on 30th & 31st August 2017, Organized by MCA forum and Dept. of MCA, Bapuji Institute of Engineering and Technology, Davangere-577004.
- Attended one day Faculty Development Programme on IOT, data Analytics and software defined Network" held 16th March on 2018, at Information Science BIET, Davangere organized by TCS.
- Participated in the one day Seminar on **"Comparing & Contrasting OOP with POP"** on 9/5/2018, Organized by MCA Forum, Dept. of MCA, Bapuji Institute of Engineering and Technology, Davangere.
- One day Seminar on "Comparing & Contrasting OOP with POP" on 9 h May 2018, Organized by MCA Forum, Dept. of MCA, Bapuji Institute of Engineering and Technology, Davangere
- Participated in three days Faculty Enablement programme on "**Machine Learning and Implementations**" organized in collaboration with IQAC-GMIT, Dept. of Information Science & Engineering, GMIT, Davangere from 4th & 6th of July 2018.
- One day Seminar on "Role of IoT in Smart Cities" on 12th March 2019, Organized by MCA Forum, Dept. of MCA, Bapuji Institute of Engineering and Technology, Davangere.
- Participated in the two days online workshop on Faculty Development Program on "Recent Trends in Information Science and Technology" on 15th and 16th May 2020 through Cisco Webex Meet organized by IS&E department , BIET, Davangere in association with TCS Bangalore.
- Participated in the five days Workshop on "Effective Teaching" from 15-07-2019 to 19-07-2017, Organized by IS&E Department,BIET, Davangere in association with National Institute of Technical Teacher's Training & Research(NTTTR), Kolkota.
- Three days Workshop on "Introduction to IoT and its Prototypes" on 25th, 26th and 27th September 2019 organized by MCA forum, Department of Master of Computer Applications (MCA), Bapuji Institute of Engineering and Technology, Davangere.

- Participated in the two days online workshop on Faculty Development Program on "Recent Trends in Information Science and Technology" on 15th and 16th May 2020 through Cisco Webex Meet organized by IS&E department , BIET, Davangere in association with TCS Bangalore.
- Attended two days webinar on "Computing paradigms" held on 21st and 22nd of May 2020 jointly organized by Yelagiri Hills ACM Chapter and School of Computing Science, Don Bosco College, Yealgiri Hills.

Training Program Attended:

1. Attended two weeks training course on "*Remote Sensing Applications for Land Resources Management*" at National Remote Sensing Centre, Hyderabad from July 1st 2019 to July 12th 2019.

<u>Online certificate course/webinars attended during Lockdown period COVID-19</u>

1. Attended 7001-Online certificate course on Remote Sensing and GIS Technology and applications for University Teachers and Government officials from June 13th to July 1st 2020 at Indian Institute of Remote Sensing (iirs), Dehradun.

2. Attended 4 days Webinar Series on Remote Sensing in Crop Monitoring and Assessment from 19/5/2020 to 9/6/2020 at Indian Institute of Remote Sensing (iirs), Dehradun.

3. One day online certificate course on Machine Learning for Remote Sensing Data Classification on 1/6/2020 at Indian Institute of Remote Sensing (iirs), Dehradun.

4. Attended four days certificate course/webinar on Basics of SAR Remote Sensing 26/5/2020 to 30/5/2020 at Indian Institute of Remote Sensing (iirs), Dehradun.

5. Attended Two Days Webinar on Computing Paradigms" on 21st May 2020 to 22nd May 2020 jointly organized by Yelagiri Hills ACM Chapter and School of Computing Science, Don Bosco College (Co-Ed),Athanavoor,Vellore.

6. Attended two days webinar on Cloud Computing organized by dept. of IS & E, BIET, Davangere through webex meetings on 15/5/2020 and 16/5/2020.

Roles Responsibilities

Co-curricular Activities:

➢ Working as an editorial member of Institute Magazine Technowave 36-37 &**Technowave-34 and 35** during the year 20014-15, 2015-16 and 2016-17.
➢ Handled classes for Infosys campus connect foundation program during the year 2008-09 and 2009-10.
➢ Worked as External Deputy Chief Superintendent at GMIT, Davangere for conducting VTU examinations during June 2013-14.

Prepared the following Laboratory Manuals:
- Data Structures Using C-Programming Lab [16MCA16]
- Algorithms Laboratory [16MCA38]
- Computer Graphics Laboratory [13MCA36]
- Java Programming Laboratory [13MCA38]
- Object Oriented Programming with C++ Laboratory[10MCA22]
- C Programming Laboratory[10MCA16]

Departmental In charge
- ❖ Time Table
- ❖ Test Time Table
- ❖ Result Analysis
- ❖ AICTE work
- ❖ ISTE Work
- ❖ NBA Work
- ❖ NACC Work

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