



# SHEETHAL M S

## ABOUT ME

An outcome-based individual equipped with a positive, effective, and flexible teaching methodology

## CONTACT ME

Khalifa street, Abudhabi ,UAE.  
Mobile:+971503811644  
sheethalbasil86@gmail.com

## IT SKILLS

**Languages:**  
PYTHON, C, C++,  
JAVA.

**Applications:**  
Python Idle, Matlab,  
Latex,Microsoft  
Office

## CERTIFICATION

**MICROSOFT  
CERTIFICATION in  
Introduction to  
Python  
Programming**

## EDUCATION

---

- **PhD Part-time (Pursuing) 2019-Present**  
*Avinashilingam University, Coimbatore, Tamil Nadu, India.*  
*Status-course work completed.*
- **M.Tech in Computer Science and Engineering (2011-2013)**  
*MG University Kerala, India with Grade 8.35/10.*
- **B.Tech in Computer Science and Engineering (2003-2007)**  
*MG University, Kerala, India with 74.2% aggregate .*
- **A.I.S.S.C.E**  
*Bhavans Vidhya Mandir (CBSE), with 74 % aggregate.*

## WORK EXPERIENCE

---

- **Assistant Professor in the Department of CSE.**  
**(Jun 2015-Apr2021)**  
  
*Sahrdaya College of Engineering and Technology, Kodakara, Kerala,India.*

## DUTIES & RESPONSIBILTIES

---

- *Managing multiple subjects and labs related to Computer Science.*
- *Marked and moderated assignments, exam scripts and other assessment materials to subject requirements, assessing students' skills through practical assignments and in-class tests to increase result.*
- *Observing students' work, behavior and attendance.*
- *Preparing & maintaining records, writing reports on students and keeping update with curriculum changes and assessment methods.*
- *Providing project guidance/career guidance to the students; organizing and conducting workshops .*
- *Reviewing, auditing & inspecting school's facilities such as classrooms, computers, canteens, restrooms, laboratories, athletic facilities; ensuring the facility is well-maintained, safe and fully functional.*
- *Conducting periodic meetings with parents and school teachers to encourage close collaboration among educational stakeholders in improving the performance of students.*
- *Conducting physical verification of school property and stock; ensuring maintenance of stock registers*
- *Continued personal professional development by attending workshops and training, optimising knowledge to enhance course curriculum.*

## Areas of Interest

---

- Image Processing, cybersecurity, Deep Learning,Robotics.

## ACHEIVEMENTS

- Certified ISO 9001:2015 Auditor for Sahrdaya College of Engineering and Technology.
- Completed an online course on Machine Learning OnRamp offered by Mathworks.
- Completed an online course on Matlab OnRamp offered by Mathworks.
- Associated with Centre for Development of Advanced Computing(C-DAC), Trivandrum for one month Internship project as part of M.Tech course.
- Awarded College Topper for the M.Tech Degree Programme in CSE during May 2013.

## PUBLICATIONS

Title	National/ International	Event/Venue	Year
An intelligent survey on deep learning based strategies for multi grade brain tumour classification.	International conference	2nd International Conference on Data Intelligence and Cognitive Informatics, Tamil nadu, Algorithms for Intelligent Systems, Springer, Singapore.	July 2021
Handbook of Research on Implementation and Deployment of IoT Projects in Smart Cities.	International	Published a book, chapter 16, 2019 DOI: 10.4018/978-1-5225-9199-3	June 2019
Performability of VBRCP VANET using UGFT.	International Journal (SCOPUS indexed)	Journal of Advanced Research Dynamical & Control Systems, Vol. 10, 14-Special issue, 2018, ISSN: 2278-3075, Volume-8 Issue-3,	Jan 2019
Survey on Multi modal Medical Image Fusion Techniques	International Journal	ISSN-2231-0711 , IJCSET   Vol 6, Issue 1, 33-3	Jan 2016
Intelligent classification technique of human brain MRI with efficient wavelet based feature extraction using local binary pattern.	International Conference	IEEE 2013 International Conference on Control, Communication and Computing, ISBN: 978-1-4799-0573-7, pp368-372. DOI: 10.1109/ICCC.2013.6731681.	Dec 2013
Optimal Route Life Time Prediction of Dynamic Mobile Nodes in Manets. .	International Journal	International Journal of Ad hoc, Sensor & Ubiquitous Computing (IJASUC) Vol.3, No.3, DOI:10.5121/ijasuc.2012.3302	June 2012
"A new approach for hand gesture based interface".	International Conference	Advances in Computer Science, Engineering & Applications. Advances in Intelligent and Soft Computing Volume 166, 2012, pp 649-655. Springer, Berlin, Heidelberg. DOI: <a href="https://doi.org/10.1007/978-3-642-30157-5_65">https://doi.org/10.1007/978-3-642-30157-5_65</a>	June 2012
Optimal Route Life Time Prediction of Dynamic Mobile Nodes in Manets.	International Conference	Advances in Computer Science, Engineering & Applications. Advances in Intelligent Systems and Computing Volume 167, , pp 507-517, Springer, Berlin, Heidelberg. DOI: <a href="https://doi.org/10.1007/978-3-642-30111-7_48">https://doi.org/10.1007/978-3-642-30111-7_48</a> .	May 2012

## Other Duties

- Kerala Technological University Valuation Camp-Chairman for 3 years (2018-2021)
- ISO Working committee- Auditor for departments(2019-20,2020-21)
- Fine Arts Committee-Program Convener(2019-20)
- Convenor for Reception Committee-State fest KETCON,TEKON 2018
- Women Empowerment Cell Committee Convenor(2018-19,2019-20)
- Student greivence Cell convenor (2019-20,2020-2021)
- Convenor for Decoration Committee-College Day 2017
- Program Committee Convenor for Abacon 2020- International Conference

## Workshops/Training Attended

AICTE - ATAL sponsored Faculty Development Programme on "Recent Trends and opportunities for Research in Electronics and Computer Science Engineering" at Goa College of Engineering.	May 24-28 2021
AICTE sponsored online STTP on Outcome Based Education with Assessment and Evaluation at Sahrdaya College of Engineering and Technology, kerala.	Nov 23-28 2020
Faculty Enablement Program on "Python Programming through INFYTQ Platform" by Infosys Limited and has been awarded with "A+" Grade.	July 6-13 2020
Online Faculty Development Program on "Deep learning and Natural language processing" at Rajagiri school of engineering and Technology,Kerala.	Aug 10-14 2020
Training for ISO 9001:2015 Auditor for the Institution	2 Mar 2019
Faculty Development programme on Compiler Design at Rajagiri School of Engineering & Technology, Kerala.	June 21-26 2018
Infosys campus connect Train The Trainer.	June 28-30 2017
Workshop on Web Development using Python Programming, at Sahrdaya College of Engineering and Technology, Thrissur.	06/04/2016
Workshop on Python Programming and Open Source Cloud Computing, at Sahrdaya College of Engineering and Technology, Thrissur.	30/11/2015

## Subjects Handled

- C++Programming
- Digital Image Processing
- Database Systems
- Operating systems
- Principles of Information Security
- Python Programming Lab
- Data Structures Lab using C
- Networks Lab using C
- FOSS Lab
- C++ programming Lab

## Personal Details

Date of Birth : 16th April 1986  
Languages known : Malayalam, English, Hindi  
Marital status : Married  
Permanent Address : Kaithavalappil House,Aripalam P.O, Thrissur District, Kerala, India,PIN 680688  
Visa Status: Residence Visa  
Emirates ID Number: 784-1986-5761720-9  
Contact number : +971503811644  
Email id : [sheethalbasil86@gmail.com](mailto:sheethalbasil86@gmail.com)

## **REFERENCES:**

1. Dr. Arun Thomas, Associate Professor, Department of CSE, Sahrdaya College of Engineering & Technology, Kodakara || mail id: arunthomas@sahrdaya.ac.in
2. Dr. P Amudha, Professor, Avinashilingam Institute for home science and Higher Education for women,Coimbatore || Mail id: amudha\_cse@avinuty.ac.in.

## **Declaration**

I hereby declare that the information I have furnished above is true to the best of my knowledge.

Abudhabi  
18/1/2022



SHEETHALM S

