



SAPTHAGIRI COLLEGE OF ENGINEERING

#14/5, Chikkasandra, Hesaraghatta Main Road, Bangalore-560057, Karnataka, India

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

FACULTY PROFILE

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|---------------------|------------------------------|
| Name of the faculty | CHAITHRA B M |
| Designation | ASSISTANT PROFESSOR |
| Contact Number | 8722441758 |
| Email ID | chaithrabm@sapthagiri.edu.in |



Educational Qualification

| Degree | Specialization | University | Year of Passing |
|---------|--------------------------------|------------|-----------------|
| M. Tech | Computer Science & Engineering | VTU | 2017 |
| B E | Information Science & | VTU | 2015 |

Work Experience

| Teaching | Research | Industry |
|----------|----------|----------|
| 4.1 | - | - |

Publications

| National/International Journals | National/International Conferences | Books Authored/Edited |
|---------------------------------|------------------------------------|-----------------------|
| 5 | 2 | - |

Area of Interest

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|--------------------|--|
| Internet of things | |
| Network Security | |
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Subject Taught

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|---|---|--|
| C# programming with .Net framework | Storage Area Network | |
| Operating systems (2015, 2017 scheme) | File structures(2017, 2018 scheme) | |
| Software Engineering (2015 scheme, 2018 scheme) | File structures laboratory with miniproject | |
| Unix System Programming (2015 scheme) | | |
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Membership in Professional Bodies/University Bodies/Organization

IAENG (International Association of Engineers)

Publications

National/International Journals

1. Chaithra B M, Praneetha G N, Bhavatarini N, Kavyashree K, “A Survey paper on influence maximization in online social network”, International Journal of Engineering Science and Computing (IJESC), Volume 8, Issue 5 in MAY - 2018, Bangalore.
2. Chaithra B M, Praneetha G N, Bhavatarini N, Tejaswinin B S, “Finding active influential user in multiple online social network”, International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Volume 7, Issue 5 in MAY -2018, Bangalore.
3. Chaithra B M, Praneetha G N, Bhavatarini N, Tejaswinin B S, KavyaShree K, “Secured approach for Authentication of messages in Wireless sensor networks” International Research Journal of Engineering and Technology (IRJET), Volume 5 Issue 6, June 2018.
4. Chaithra B M, “Perception - Lip Reading System using ML” International Journal for Research in Applied Science and Engineering Technology (IJRASET), Volume 8, Issue 5, May 2020.
5. Chaithra B M, “A Privacy- Sustainable and Secure Biometric Recognition Measure through Cloud Computing Utilizing Block-Chain” International Journal for Research in Applied Science and Engineering Technology (IJRASET), Volume 8, Issue 5, May 2020.

National /International Conferences

1. Chaithra B M, Pallavi K N, “Smart waste management using Internet of Things: A Survey” IEEE International conference on IoT in Social, Mobile, Analytics and Cloud (I-SMAC), in FEB 2017.
2. Chaithra B M, Akash Anand, Hina Ishrath, Bharathi, Ghora Adithya , “Face Recognition System Using Tensor Flow” presented in National Level Technical Symposium, Sapthagiri College of Engineering, 26th April 2019.

Faculty Development Programme Participated

- Participated in Three days faculty development program on Teacher Empowerment at SCE, Bengaluru on 23rd July 2018.
- Participated in Five days faculty development program on **Data Analytics, Next Generation Programming Languages and Simulations** at SCE, Bengaluru on 27th July.
- Participated in one-week faculty development program on **Block chain Application Development using Hyperledger** at MSRIT, Bengaluru on 28th Jan 2019.
- Participated in one day faculty development programme on **Effective Online Teaching Strategies** on 6th June 2020, Marian International Institute of Management, Kuttikkanam, Kerala.
- Participated in Five days faculty development programme on **Machine Learning and Research opportunities** held from 15th -19th June 2020, Sapthagiri college of engineering, Bengaluru, Karnataka.
- Participated in Two days faculty development programme on **Pedagogy for Algorithms and Data Structures** held from 24th -25th July 2020, KLE Society's College of Computer Application – BCA Dharwad.
- Participated in Five days faculty development programme on **Exemplary practices in Teaching Learning and evaluation of courses in Computer science and Information Technology** jointly organized by Visvesvaraya Technological university's center for postgraduate studies, Kalaburgi and IIT Allahabad, held from 3rd -7th August 2020.

- Participated in faculty development programme on **Virtual Labs** for affiliated engineering colleges under VTU Belagavi, held on 19th October 2020.
- Participated in Five days faculty development programme on **IoT and its Applications** organized by the Department of Information Science and Engineering, Sapthagiri College of Engineering, Bengaluru, from 14.12.2020 to 18.12.2020.
- Participated in Three days faculty development programme on **Industry 4.0** Organized by Department of Electronics & Telecommunication Engineering, in association with IQAC and IETE during 20 to 22nd May 2021.
- Participated in Six days faculty development programme on **Advancements in Artificial Intelligence(AI) and Machine Learning(ML)**, held from 12-17th July 2021 organized by ISE department of The Oxford college of Engineering, Bangalore.

Workshop Attended

1. Participated in Android Application Development workshop organized by ARK. Technosolutions & I-Medita Learning Solutions with collaboration of ZEPHYR IIT-Bombay.
2. Participated in workshop on Electronic System Design and Manufacturing (ESDM) at NMAMIT, Nitte on November 2015.
3. Participated in Mobile Application Development workshop event held at NMAMIT, Nitte on Feb 2016.
4. Attended Training Program on LaTeX organised by NMAMIT, Nitte on July 2016.
5. Attended the one-day Awareness Training workshop on Cybersecurity Engineering in Academics conducted by Centre of Excellence on Cyber Security and Trend Micro in association with IISC and KSCST Supported by RVCE, at the RVCE, Bengaluru on March 23rd, 2019.
6. Participated in Three days' workshop on **Machine Learning with Python** at SJBIT, Bengaluru on 11th July 2019.
7. Participated in **IEEE Reference Management Tool for Research Articles and Thesis Writing** workshop event held at IEEE Bangalore Section Researchers Forum, on 20th May, 2020.
8. Participated in Three days workshop on **Cyber Security** organized by Department of Computer Engineering in association with IQAC, MVPS's KBT College of Engineering, Nashik during 17th May 2021 to 19th May 2021