SAPTHAGIRI COLLEGE OF ENGINEERING

#14/5, Chikkasandra, Hesaraghatta Main Road, Banglore-560057, Karnataka, India
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

FACULTY PROFILE

Name of the	**Bhanujyothi H C**
faculty Designation	ASSISTANT PROFESSOR
Contact Number	9743058004
Email ID	banujyothi@sapthagiri.edu.in

Educational Qualification

Degree	Specialization	University	Year of Passing
B.E	ISE	VTU	2012
M.TECH	CSE	VTU	2014

Work Experience

Teaching	Research	Industry
6.8		0.8

Publications

National/International Journals	National/International Conferences	Books Authored/Edited
13		

Area of Interest

☐ **Machine Learning** ☐ **IoT**	

Membership in Professional Bodies/University Bodies/Organization

Publications   National/International/Scopus Journals

- Published a paper on '**A Study on IoT Messaging Protocols and It's Comparison for implementation of IoT Services**' in IJSRP Volume 9, Issue 3, March 2019 edition.
- Published a paper on **'A Study on IoT approaches for Health applications'** in JETIR Volume 6, Issue 6, and JUNE 2019 edition.
- Published a paper on **'Analysis of Cyber Attacks and Guidelines to Improve Defence in Academic Organizations- A Survey'** in HBRP Volume 1, Issue 3, and December 2019 edition.
- Published a paper on '**An Efficient Scheme for Vein Detection Using Accuvein Apparatus Based on Near Infrared with Broadcom Chip'** in IJEAT, Volume 9, Issue 3, and February 2020.
- Published a paper on '**Diverse Malicious Attacks and Security Analysis on MQTT Protocol in IoT'** in JXAT, Volume XII, Issue IV, and April-2020.
- Published a paper on '**SMART AGRICULTURE: A Taxonomy of different crop disease and pesticiding methods using IoT'** in JXAT, Volume XII, Issue IV, and April-2020.
- Published a paper on '**Smart Drainage Monitoring System using IoT'** in JXAT, Volume XII, Issue IV, and April-2020.
- Published a paper on '**An Analysis of Intrusion Detection using Machine Learning Techniques',** International Journal of Advanced Science and Technology Vol. 29, No. 5, (2020), pp. 9343- 9351.
- Published a paper on '**IoT Based Crop Field Monitoring System**' International Journal of Advanced Science and Technology Vol. 29, No. 7, (2020), pp. 4431- 4438.
- Published a Paper on '**A Framework for Mobile based College Event Management Application**' in IJAST on May 2020.
- Published a Paper on '**Security exploration of MQTT protocol in Internet of Things**' in IJATCSE (**SCOPUS**) on July 2020.
- Published a Paper on '**Monitoring and intimating stress, Anxiety, depression using ECG and GSR sensor**' in IJATCSE**,** Volume 9,issue no 5 on July 2020.
- Published a Paper on **Cloud based smart system for monitoring and managing drainage using IoT**, IJATCSE [NATIONAL] (**SCOPUS**), Vol. 9, no. 5, pp.7230-7234.

Faculty Development Programme/ Workshops Participated

- 42 day's of "**Enhance42**"- Python coding training organized by GITAM School of Technology.
- Online certification course on '**Web Design for Everybody: Basics of Web Development & Coding**' in Coursera.
- Online certification course on **'Advanced Relational Database and SQL'** in Coursera.
- Certification course on **"Effective Teaching of Machine Learning"** conducted by **IIID, Delhi.**
- 5 day's workshop on "**Internet of Things** " at GITAM School of Technology, Bengaluru campus.
- 5 day's workshop on "**Essentials RPA Professional**" conducted by Automation Anywhere at GITAM School of Technology, Bengaluru campus.
- 3 day's hands-on session on "**Robotic Process Automation**" conducted by Automation Anywhere at GITAM School of Technology, Bengaluru Campus.
- Faculty Development Program on "**Introduction to Python Programming**" conducted by **ICT Academy** at GITAM School of Technology, Bengaluru Campus.
- 5 day's workshop on "**Advanced RPA Professional**" conducted by Automation Anywhere, Bengaluru.
- **ATAL Online FDP** on **"Internet of Things (IoT)"** from 2020-12-26 to 2020-12-30 organized by National Institute of Technology Puducherry.
- Online certification course on '**Introduction to IOT**' conducted by Simpli learn, NASSCOM Future skills.
- Online certification course on '**Introduction to Artificial Intelligence**' conducted by Simpli learn, NASSCOM Future skills.
- Online certification course on '**Introduction to Robotic Process Automation**' conducted by Simpli learn, NASSCOM Future skills.
- Online certification course on '**Machine Learning with Python**' conducted by Cognitive Class.ai.
- Online certification course on '**AI For Everyone** ' in Coursera.

Resource person

- Conducted 5 days workshop on "**Essentials RPA Professional**" at GITAM School of Technology, Bengaluru campus.

- Conducted 4 Cycle course for students on '**Robotic Process Automation**' at GITAM School of technology, Bangalore campus.

- Conducted **Student development program** (SDP) on **Python** for more than 55 students in GITAM School of Technology Bangalore campus.

- Conducted **Robotics** workshop for 50 students using Embedded C and Arduino uno in GITAM School of Technology Bangalore campus.