



# NIE INSTITUTE OF TECHNOLOGY

NO 50 (Part), Hootagalli Industrial Area Koorgalli, Mysuru-570 018

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## FACULTY PROFILE

<b>Name of the Faculty</b>	AJAY A V
<b>Designation</b>	Assistant Professor
<b>Contact Number</b>	+91 9591558248
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### Educational Qualification

Degree	Specialization	Year of Passing	University
Ph.D	CSE	Pursuing	VTU, Belagavi
M.Tech	CSE	2016	VTU, Belagavi
BE	CSE	2014	VTU, Belagavi

### Work Experience

Teaching	Research	Industry
6.1		

### Publications

National / International Journals (Nos)	National / International Conferences(Nos)
6	

### Areas of Interest

Network Security	Internet of Things	Cryptography
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### Subjects Taught

Internet of Things	Web Technology	Cryptography, Network Security and Cyber Law	Analog and Digital Electronics	Design and Analysis of algorithms	Operating System
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### Experience at NIEIT

Sl. No.	Designation	Period	
		From	To
1	Assistant Professor	01-08-2017	Present

## Outdoor Experience

Sl. No.	Designation	Organization	Period	
			From	To
1				

## Membership in Professional Bodies/University Bodies/Organizations

## Publication Details

### National/ International Journals:

1. Book chapter titled “Review on Autonomous Vehicle and Virtual Controlled Delivery Truck System Using IoT”, Advances in SIoT (Social Internet of Things), CRC Press.
2. Book chapter titled “Trust Management: Architecture, Components with Emerging Domains in SIoT”, Advances in SIoT (Social Internet of Things), CRC Press.
3. Book chapter titled “Security Threats in SIoT”, Advances in SIoT (Social Internet of Things), CRC Press.
4. Book chapter titled “Blockchain-Based Secure Method for Tiger Detection Using Machine Learning”, Convergence of Internet of Things and Blockchain Technologies, Springer.
5. Book chapter titled “Internet of Things for smart grid applications”, Advances in Smart Grid Power System, Elsevier, 2021
6. A paper on, “A Comparative approach for Sentiment Analysis from Summarized User Health posts”, International Journal of Research; Vol 3, No 11 (2016): Vol-3\_Issue-11\_July\_2016

## Workshops/FDP Attended

1. Attended One week National Level FDP on “Cloud Infrastructure” organized by AICTE, in association with Brain O Vision from 21<sup>st</sup> – 25<sup>th</sup> August 2023
2. One week workshop on “OBE and NBA Accreditation” conducted by VVCE, Mysuru in December 2019
3. A five day FDP on “Embedded Systems, IoT And Sensor Applications With Blended Learning Concepts” conducted by VVCE, Mysuru in July 2019
4. A five day FDP on “Internet of Things Technology” conducted by VVCE, Mysuru in January 2019
5. Attended Awareness Workshop on “Cyber Privacy and Data Security” conducted by CS-CoE in association with KSCST and IISc, Bengaluru
6. Attended Two days FDP on “IoT Technology” conducted by VVCE, Mysuru.
7. Attended InCyCon 2018 at SVEC, Tirupathi conducted by NCSSS.
8. Attended one week FDP on “IoT and Its Application”, conducted by NIEIT, Mysuru in July 2018.
9. Participated in “Python Programming & its Applications” conducted by NIEIT, Mysuru in 2018.
10. Participated in the one week training programme on “Instructional Design and Delivery System” conducted by NIEIT, Mysuru in association with NITTTR, Chennai in 2018.
11. Attended National conference and Workshop on “Big Data Analytics and Hadoop” conducted by MITE, Mangalore in 2015.

## FDP/ SDP/ Workshops Organized

1. 6 days SDP on “Cryptography, Network security and IoT” at NIEIT, Mysuru.
2. 6 days SDP on “IoT and its Applications” at NIEIT, Mysuru.
3. 3 days SDP on “Latex for Paper Writing and Research Outreach” at NIEIT, Mysuru.
4. 1 day Project Exhibition for Final year students at NIEIT, Mysuru.
5. 3 days SDP on “Python Essentials for data analytics using Flask framework” at NIEIT, Mysuru
6. 2 days SDP on “System Software and Compiler Design” at NIEIT, Mysuru

## SDP conducted / Invited Lectures

1. 2 days SDP on “Web Technology and its Applications” at AIT, Chikkamagaluru.
2. 3 days SDP on “Graphical User Interface Design using Gradio and PySimpleGUI”, at AIT, Chikkamagaluru.

## Institute Level Committee(s)

### As a Chairperson

NIL

### As a Member

IQAC

## Additional Responsibilities (if any)

Coordinator of EPICSE Student Association

## Recognition/Achievements/Others