



ESTD-2008

NIE INSTITUTE OF TECHNOLOGY

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

Tel.No 0821-2403733 Email:principal@nieit.ac.in Web: nieit.ac.in

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FACULTY PROFILE

Name of the Faculty	Dr.Usha.M.S
Designation	Associate Professor & Head
Contact Number	9845852596
Email ID	ushams@nieit.ac.in msusha.2010@gmail.com



Educational Qualification

Degree	Specialization	Year of Passing	University
Ph.D.,	Mobile Ad-hoc Networks	2022	VTU
M.Tech.,	Software Engineering	2001	VTU
B.E.,	Computer Science	1995	UoM

Work Experience

Teaching	Research	Industry
24 years 6 months	NIL	NIL

Publications

National/ International Journals (Nos)	National/ International Conferences(Nos)
4	3

Areas of Interest

Adhoc Networks, Wireless Communication Networks, Network Security, Information Security		
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Subjects Taught

1.All Subjects of Network stream				
2.Computer Organization				
3.Microprocessors				

Experience at NIEIT

Sl. No.	Designation	Period	
		From	To
1	Assistant Professor and H.o.D	March 2011	January 2013
2	Associate Professor and H.o.D	February 2013	January 2015
3	Associate Professor and H.o.D	June 2016	September 2019

Outdoor Experience

Sl. No.	Designation	Organization	Period	
			From	To
1	Senior Lecturer and HoD	VVIET,Mysuru	1995	1999
2	Assistant Professor and HoD	VVIET,Mysuru	1999	2008
3	Assistant Professor	NMAMIT,Nitte	2008	2011

Membership in Professional Bodies/University Bodies/Organizations

- **Member of BoE (IT) KSOU – 2002-2005**
- **Member of BoE (CS/IS) – NIE, – 2013**
- **Member of BoE (CS/IS/MCA) – SJCE, – Since 2008**
- **Member of BoE (CS/IS) – NMAMIT, NITTE – Since 2008**
- **Member of BoS (CS/IS) – NMAMIT, NITTE – Since 2008**

Publication Details

National/ International Journals:

- 1.International Journal of Engineering Development and Research - IJEDR,**
"Approach to Mitigate DOS & DDOS Attacks in the Presence of Clock Drifts – Survey" ,Vol - 3, Issue 2 , ISSN: 2321-9939.
- 2. International Journal of Engineering Development and Research - IJEDR,** "An Overview of RLC Layer In 4G LTE]", Vol- 3, Issue 2 , ISSN: 2321-9939.
- 3.International Journal of Engineering and Techniques-"Street Light Monitoring and Control systems** Volume 1 Issue2, **ISSN: 2395-1303,**
- 4. International Journal of Advanced Research Innovative Ideas in Education-IJARIIE-** "A Review of Hybrid ARQ in 4G LTE" ,Vol-1 Issue-3,ISSN(O):2395-4396.

National/ International Conferences:

1. National Conference , “Efficient system approach to repress Vehicular Theft “ :Survey at BGSIT, BG Nagar on 29thApril 2016.
2. National Conference , “An approach for an augmented reality to speedup real time shopping using navigation technology” at BGSIT, BG Nagar on 29thApril 2016.
3. International Conference , “ An Overview of RLC Layer In 4G LTE| ” at CIT,Poonampet, on 8th May 2015.

Faculty Development Programmes / Training Programmes Participated

FDP on NS2

National Seminar on “Recent Trends in IOT and Cyber Security”

Inter National symposium on Smart Grid Technologies

FDP on “ NETWORK SIMULATOR – 3”

Science –Engineering -Technology-Conclave- 2016 on Challenges and opportunities in Research

Workshops Attended

Workshop on NS-3

National Programme on Technology Enhanced Learning

Plagiarism checks by VTU for PG &Ph.D report writing

Research methodologies by VTU

Applied Information security at NIE

FDP on effects of mobile communication to society

Faculty empowerment programme by Ipoint Consulting Service Pvt, Ltd,

Conference on future of IT & Electronics

FDP – WINDOWS 8 Recent released

FDP/ SDP/ Workshops Organized

FDP on NS2

FDP – WINDOWS 8 Recent released

FDP on Computer Graphics using OpenGL

National Programme on Technology Enhanced Learning

Invited Lectures

1. @ NMAMIT, Nitte
2. Karnataka engineering research station, KRS

Institute Level Committee(s)

As a Chairperson

IQAC,
BIO-METRIC
College Website

As a Member

Anti,Ragging,
Event,
Branding NIEIT,

Additional Responsibilities (if any)

As Head of the Department since March 2011 –January 2015
As Head of the Department since June 2016 –September 2019
NIEIT College Website Convenor
Member of Branding NIEIT
Chairman of NIEIT Biometric Section

Recognition/Achievements/Others

- 1.Implementation of HARQ in 4G LTE-SIM – Funded by KSCST
- 2.Streetlight monitoring and control system – Funded by KSCST
- 3.The project entitled “Implementation of HARQ in 4G LTE-SIM” has selected for state level seminar under 38 series of student project programme –by KSCST, IISc, Bengaluru at SahyadriCollege of Engg. & Management, Mangalore.
- 4.The project entitled “Street light monitoring and control systems ” got the best paper in TechNIEIT
- 5.Students of 8Thcompetition.Sem. Won 1Prize at Infosys innovation
- 6.The project entitled “Caricature” got the best project award in Expro – 2011 at NMAMIT, Nitte.