

Dr. Kallinatha H D

Assistant Professor, Department of CSE, SIT

Contact: 9986295070

Email: hdk@sit.ac.in

Vidwan ID: 94496

Scopus ID: [57202988702](#)

OrcID: [0000-0002-4486-1772](#)

Faculty ID: SIT0531

Education

	Degree	Year	Institute/University	Specialization
1	Ph.D.	2024	National Institute of Technology Karnataka(NITK) Surathkal	Computer Systems and Architecture
2	M.Tech	2009	Visvesvaraya Technological University, Belagavi	CSE
3	B. E.	2006	Visvesvaraya Technological University, Belagavi	CSE

Professional Experience

	Date (from-to)	Designation	Organization
1	23-08 -2010 to Till date	Assistant Professor	SIT, Tumkur

Affiliations of Professional Organisations

1. Cryptology Research Society of India -Life Member-L/1047 -2020
2. The Internet Society(ISOC),Member(2220503) ,2020.
3. International Association of Engineers (IAENG), Hong Kong. Member(265761) ,2020.
4. The International Society for Applied Computing (ISAC),Senior Member(SM2020080201),2020
5. Advanced Computing and Communications Society (ACCS), Bangalore, IISc Campus. Life Member (L170A1723657) 2016.
6. The Institution of Engineers (India) , Member (M1694248),2016.
7. ACM, Member,2016.
8. IEEE, Member

Awards and Honors

- QIP scholarship for Ph.D, AICTE(MHRD).

Courses Taught

Undergraduate Courses

- Algorithms
- Problem Solving Using Computers (PSC).
- Foundations of Computer Programming (FCP).
- OOP with C++.
- Operating systems.
- Data structures
- Computer Networks
- Java Programming
- Embedded Systems
- Data Communication
- Digital Circuits and Computer Organisation.
- Mobile Computing.

Postgraduate Courses

- Quantum Computing

Research Areas

- Computer Architecture: NVM, NoC, Caches, Main Memory.
- Network on chip (NOC).
- ICT-based teaching and learning.
- Engineering pedagogy with a special interest in CSE.

Publications

Link to Google Scholar:[Kallinatha Harogere Doddaiah - Google Scholar](#)

Invited Lectures, talks and workshops

1. Delivered a talk with hands-on sessions on “Relevance of teacher web presence in ICT-based education”, at the Dept. of Civil Engg, SIT Tumkur on 26th Dec 2016.
2. Delivered a lecture on “Software Defined Networking” at the Department. Of CSE, Siddaganga Polytechnic, Tumkur on 27th September 2017.

Projects Supervision/Guided:

- UG: 20 Major projects.
- PG: 07 Thesis M.Tech(CSE and CNE)