

Faculty Profile

(Information for last five years from 2016-17 to 2020-21)

1. Name of the faculty: **SANGEETHA N**
2. Name of the Department: Electronics & Communication Engineering
3. Educational qualifications: M.Tech(pursuing Ph.D)
4. Present position: Assistant Professor
5. Address for correspondence: #128, 1st cross, 1st main, Bhuvaneshwari Nagar, Jnanabharathi post, Bangalore 560056
6. E-mail and contact number: sangeethapramod.ec@drail.edu.in Ph:9945444117
7. Specialization: VLSI Design and Embedded Systems
8. Total teaching experience: 11 years
9. Courses taught: Embedded Systems, Power Electronics & instrumentation, Microcontrollers, Computer Communication Networks, optical fiber communication
10. Research experience: nil
11. Major research projects completed: Title of the project, Date of sanction and Duration, Grant received, Funding agency. PI or Co-PI. **nil**
12. Minor research projects completed: Title of the project, Date of sanction and Duration, Grant received, Funding agency. PI or Co-PI. **nil**
13. Number of students awarded Ph.D. degree: Name of the student, topic of research, date of registration, Research Centre/University, date of declaration of Ph.D. degree. **nil**
14. Number of students awarded MSc.(Engg) by Research: Name of the student, topic of research, date of registration, Research Centre/University, date of declaration of MSc (Engg). degree. **nil**
15. Number of students registered for Ph.D. degree: Name of the student, topic of research, Research Centre/University, date of registration. **nil**
16. Number of students registered for MSc (Engg) degree: Name of the student, topic of research, date of registration. **nil**
17. Participation in conferences, symposia, seminars and workshops: International, national, state or university level, attended. Presented paper, chaired session. Resource person.

International Conference			
Academic Year	Title of the Conference	Venue and Date of Conference	Attended/Presented paper/Chaired Session/ Resource Person
2020-21	International Conference on Advances in	GURU NANAK DEV ENGINEERING COLLEGE,	Presented Paper

	Communication & Computing Technology (ICACCT- 2 0 2 1)	BIDAR,28 - 29 , Dec 2021	
	International Conference on Expert Clouds and Applications	Gitam School of Technology, Bangalore, 18-19 Feb 2021	Presented Paper
	Intelligent Communication Technology and Virtual Mobile Networks	Francis Xavier Engineering College, Tirunelveli, 4-6 Feb 2021	Presented Paper
2019-20	3 rd International conference on computer Network, Big Data and IOT	Vaigai College og Engineering , Madurai, Tamil Nadu 15- 16 , Dec 2020	Presented Paper
	2 nd International conference on Innovative Data Communication Technologies and Applications	Rvs College of Engineering and Technology, 3-4 sep 2020	Presented Paper
2018-19	-----	-----	-----
2017-18	-----	-----	-----
2016-17	-----	-----	-----
National Conference			
Academic Year	Title of the Conference	Venue and Date of Conference	Attended/Presented paper/Chaired Session/ Resource Person
2020-21	3 rd National conference on Futuristic trends in computer science and information technology	HKBK college of Engineering, bangalore, 16 th august 2021	Presented paper
2019-20	-----	-----	-----

2018-19	-----	-----	-----
2017-18	-----	-----	-----
2016-17	7 th National conference on Advanced techniques in Electrical and Electronics Engineering	SJBIT , Bangalore, 7 th May 2016	Presented paper

Symposia/ Seminars/ Workshops					
Academic Year	Title	Symposia/Seminars/Workshops	Venue and Date	International/National/State/University Level	Attended/ Presented
2020-21				National	Attended
2019-20	Digital Transformation in Teaching learning process	FDP	NPIU-MHRD 14-2-2020 to 6-3-2020	National	Attended
	FDP ON COMPUTING AND SIGNAL PROCESSING IN IOT APPLICATIONS	FDP	IEEE SSIT SOCIETY MADRAS SECTION 23-5-2020 to 27-5-2020	National	Attended
	FDP ON NBA AND NAAC ACCREDITATION PROCESS	FDP	AICTE MARGA DARSHAN SCHEME, Bangalore 4-6-2020 to 8-6-2020	National	Attended
	Application programming with real time Kernel	workshop	RVCE Bangalore, 13-7-2020 to 17-7-	National	Attended

			2020		
2018-19	“Induction Programme for Engineering Faculty”,	workshop	28 th May to 1 st June 2019 ,Dr.AIT, Bengaluru .	National	Attended
	“Advances in Multicore Computer Architecture Design”.	workshop	8 th July to 13 th July 2019 , NIE, Mysuru	National	Attended
	.Innovative Pedagogy for Effective Teaching”,	workshop	16/01/2019 to 18/01/2019, Dr AIT, Bengaluru	National	Attended
	."Machine Learning and Mathematical Morphology for Spatial Data Analysis”,	workshop	21 st & 22 nd Nov 2019,Dr.A IT,Bengaluru.	National	Attended
2017-18	-----	-----	-----	-----	-----
2016-17	-----	-----	-----	-----	-----

18. Innovative processes developed in teaching and learning.

Use of Learning Platforms like NPTEL, YouTube, SlideShare, Blog, Academia

Use of digital teaching aids like Google Classroom

19. Participation in curricular development: YES

20. Participation in co-curricular and extra-curricular activities.: Nil

21. Refresher and Orientation courses attended: YES

22. Examination /Evaluation reforms initiated: Nil

23. Publication of research papers: in peer reviewed journals, non-peer reviewed journals, conference proceedings, impact factors, citations, h-index. Numbers in SCOPUS.

Journal Publication						
Academic Year	Research Paper	Journal Name	Date of Publication/	Impact Factor/h-	peer reviewed/	National/

	Title		Page Numbers	index/Number in SCOPUS	non-peer reviewed	International
2020-21	Transactional Blockchain Implementation with client interface using SHA-256 cryptographic hashing	International Journal Of All research education and scientific methods(IJAR ESM)	august 2021	7.42	peer reviewed	International
2019-20	Performance analysis of Smart traffic control system using Image Processing	International journal of Research and Analytical Reviews	15 th August 2020	-----	non-peer reviewed	International
	Two tier secured state of the art EVM Design	International journal of Research in Applied Science and Engineering Technology	18 th August 2020	-----	non-peer reviewed	International
2018-19	Design of fixed one bit Latency for high speed Data Transmissions	International journal of science and Research	15 th Dec 2019	-----	non-peer reviewed	International
2017-18	-----	-----	-----	-----	-----	-----
2016-17	Design of Fixed one bit latency SERDES Transceiver	International Research Journal of Engineering and Technology	7 th July 2016	-----	non-peer reviewed	International

24. Books published: with ISBN No., Without ISBN No., Chapters in books. **nil**

25. Patents Applied/Granted: National. International, commercialized: **nil**

24. Consultancy services provided and revenue generated: **nil**

25. Conferences ,seminars, symposia and workshops organized as convener/coordinator:

Academic Year	Conference/ seminars/ symposia/workshops	Date and Venue	Convener/Coordinator
2020-21	Competence to Explore Artificial Intelligence world	30-11-2021 To 4-12-2021, Dr. AIT	Coordinator
	Multicarrier and MIMO in 4G and 5G	5-2-2021 Dr. AIT	Coordinator
	Natural Language Processing using NLTK and Deep Learning models	16-4-2021 Dr. AIT	Coordinator
2019-20	Insights into nanotechnology	6-8-2020 Dr. AIT	Coordinator
	Impact of Covid 19 Pandemic on Women	14-8-2020 Dr. AIT	Coordinator
	Xilinx FPGA Design Flow	19-8-2020 Dr. AIT	Coordinator
2018-19	-----	-----	-----
2017-18	-----	-----	-----
2016-17	-----	-----	-----

26. Number of collaborations: **Nil**

27. Awards /recognitions received: International, National, State, University level. **nil**