

## Faculty Profile

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

1. Name of the faculty: Sajidha Thabassum B
2. Name of the Department: Electronics & Communication
3. Educational qualifications: M.Tech (Phd)
4. Present position: Assistant Professor
5. Address for correspondence: ECE Dept, Dr Ambedkar Institute of Technology, Marathahalli ,Bangalore-- 56
6. Specialization: Digital Electronics
7. Total teaching experience: 15 Years
8. Courses taught: AWP, Basic Electronics, DSS, ED, AC, OFC, Satellite Communication
9. Research experience: 01
10. Major research projects completed: Title of the project, Date of sanction and Duration, Grant received, Funding agency. PI or Co-PI.....Not Applicable

Academic Year	Major Project Title	Date of Sanction	Funding agency	Duration	Sanctioned Amount	Grant Received	PI or Co-PI
2020-21							
2019-20							
2018-19							
2017-18							
2016-17							

11. Minor research projects completed: Title of the project, Date of sanction and Duration, Grant received, Funding agency. PI or Co-PI..... Not Applicable

Academic Year	Minor Project Title	Date of Sanction	Funding agency	Duration	Sanctioned Amount	Grant Received	PI or Co-PI
2020-21							
2019-20							
2018-19							
2017-18							
2016-17							

12. 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.  
Not Applicable

Sl. No	USN No.	Student Name	Research Topic	Date of Registration	Research Centre/University	Date of Declaration of PhD

13. 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.  
Not Applicable

Sl. No	USN No.	Student Name	Research Topic	Date of Registration	Research Centre/University	Date of Declaration of MSc( Engg)

14. Number of students registered for Ph.D. degree: Name of the student, topic of research, Research Centre/University, date of registration.  
Not Applicable

Sl. No	USN No.	Student Name	Research Topic	Date of Registration	Research Centre/University	Status

15. Number of students registered for MSc ( Engg) degree: Name of the student, topic of research, date of registration.  
Not Applicable

Sl. No	USN No.	Student Name	Research Topic	Date of Registration	Research Centre/University	Status

16. Participation in conferences, symposia, seminars and workshops: International, national, state or university level, attended. Presented paper, chaired session. Resource person.

<b>International Conference</b>			
Academic Year	Title of the Conference	Venue and Date of Conference	Attended/Presented paper/ Chaired Session/ Resource Person
2020-21	IEEE 3 <sup>rd</sup> International Conference on multimedia Processing and Information Technology-2020	JNN College of Engineering Shimoga 11 <sup>th</sup> & 12 <sup>th</sup> Dec 2020	Attended
2019-20	1st International Conference On Recent Trends & Development In Information And Communication Engineering	Dr AIT Bangalore 23rd Oct 2020 ISBN 9788192710471	Attended
2018-19	ICEEER Blore	Paper id:EECR-BGLR-15048-6001  5 <sup>th</sup> April 2018	Attended
2017-18			
2016-17			
<b>National Conference</b>			
Academic Year	Title of the Conference	Venue and Date of Conference	Attended/Presented paper/ Chaired Session/ Resource Person
2020-21			
2019-20	NCRTEIEC 2019	7th & 8th june 2019 DrAIT  TEQIP-III NCRTEIEC 2019	Attended

	IOT based patient health monitoring system		
2018-19	NCRAEM – 18 Attendance management using Real time face	21 <sup>st</sup> April 2018 NCRAEM - 18 Amruta College of Engineering Bangalore	Attended
2017-18	NCRAEM – 18 Seeds & fertilizer feed rate controller an innovation for the growth 30 <sup>th</sup> &31 <sup>st</sup> march 2017	30 <sup>th</sup> &31 <sup>st</sup> march 2017 TEQIP II Dept of EIM Dr AIT Blore	Attended
2016-17			

<b>Symposia/ Seminars/ Workshops</b>					
Academic Year	Title	Symposia/ Seminars/ Workshops	Venue and Date	International/National/ State/University Level	Attended/ Presented
2020-21		ATAL Sensors & Technology	21/9/2021 to 25/9/2021 Online ATAL Dr AIT Bangalore	National	Attended
2019-20		Electric Vehicles: Technologies, Challenges and Opportunities for Integration of Renewable Resources in India	RMK College of Engineering 12 <sup>th</sup> Oct to 17 <sup>th</sup> Oct	National	Attended

2018-19		Fundamentals of salesforce cloud platform	5 <sup>th</sup> feb to 9 <sup>th</sup> feb 2018  (One Week)  TEQIP III  Dept of CSE  Dr AIT	National	Attended
2017-18		Cloud Enabled Smart Grid	16 <sup>th</sup> to 21 <sup>st</sup> March 2017  Dept of EEE  Dr AIT  Blore	National	Attended
2016-17		Recent Trends in Industrial & Process Automation	21 <sup>st</sup> April to 23 <sup>rd</sup> April 2016  3 days  TEQIP II  Dept of EEE  DR AIT  Blore	National	Attended

17. Innovative processes developed in teaching and learning.yes

18. Participation in curricular development: yes

19. Participation in co-curricular and extra-curricular activities. yes

20. Refresher and Orientation courses attended: yes

21. Examination /Evaluation reforms initiated: yes

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

<b>Journal Publication</b>						
Academic Year	Research Paper Title	Journal Name	Date of Publication/Page Numbers	Impact Factor/h-index/Number in SCOPUS	peer reviewed/ non-peer reviewed	National/ International
2020-21	Aurdino based forward collision warning system	IJSER	accepted			International
2019-20						
2018-19	A unified urban mobile cloud computing offloading	IJCRD	2 <sup>nd</sup> feb 2018			International
2017-18						
2016-17						
<b>Conference Proceedings</b>						
Academic Year	Research Paper Title	Conference Name	Venue	Date of Publication/Page Numbers	Impact Factor/h-index/Number in SCOPUS	National/ International
2020-21						
2019-20						
2018-19						
2017-18						
2016-17						

23. Books published: with ISBN No., Without ISBN No., Chapters in books.

Not Applicable

Academic Year	Title	Date of Publication/Page Numbers	ISBN Number	Book/Book Chapter
2020-21				
2019-20				
2018-19				
2017-18				
2016-17				

24. Patents Applied/Granted: National. International, commercialized:

Not Applicable

Academic Year	Patent Number & Date of filing	Title	National/International	Published Date	Grant Date
2020-21					
2019-20					
2018-19					
2017-18					
2016-17					

25. Consultancy services provided and revenue generated: NA

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

Academic Year	Conference/ seminars/ symposia/workshops	Date and Venue	Convener/Coordinator
2020-21	Trustworthiness & Reliability of Engineering & IT Professionals	12 <sup>th</sup> July	Coordinator
2019-20	Insights into Nanotechnology	6 <sup>th</sup> Aug	Coordinator
2018-19			

2017-18			
2016-17			

27. Number of collaborations:

28. Awards /recognitions received: International, National, State, University level.

Not Applicable

Academic Year	Awards/Recognitions	Date and Place	International/ National/ State/ University level
2020-21			
2019-20			
2018-19			
2017-18			
2016-17			

**Note:** If necessary for Item No. 11 and 12 provide information in Enclosure-I, for 13, 14 Enclosure- II, and so on