Faculty Profile

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

1. Name of the faculty: Kesthara V
2. Name of the Department: Electronics and Communication
3. Educational qualifications: MTech
4. Present position: Assistant Professor
5. Address for correspondence: 8th block, Visvesvaraya Layout, Bengaluru - 560091
6. E-mail and contact number: kesthara.v.ec@drait.edu.in and 9900162313
7. Specialization: Digital Communication and Networking
8. Total teaching experience: 11
9. Courses taught:
10. Research experience: 00
11. Major research projects completed: Title of the project, Date of sanction and Duration, Grant received, Funding agency. PI or Co-PI.

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

12. Minor research projects completed: Title of the project, Date of sanction and Duration, Grant received, Funding agency. PI or Co-PI.

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

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

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.

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

15. Number of students registered for Ph.D. degree: Name of the student, topic of research, Research Centre/University, date of registration.

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

16. Number of students registered for MSc (Engg) degree: Name of the student, topic of research, date of registration.

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

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	NIL		
2019-20	NIL		
2018-19	NIL		
2017-18	NIL		
2016-17	NIL		
National Conference			
Academic Year	Title of the Conference	Venue and Date of Conference	Attended/Presented paper/ Chaired Session/ Resource Person
2020-21	NIL		
2019-20	NIL		
2018-19	NIL		
2017-18	NIL		
2016-17	NIL		

Symposia/ Seminars/ Workshops					
Academic Year	Title	Symposia/ Seminars/ Workshops	Venue and Date	International/National/State/University Level	Attended/ Presented
2020-21					
2019-20	Recent Trends and Applications in Biomedical Signal and Image Processing	FDP	2020-9-21 to 2020-9-25 at G. H. Raisoni College of Engineering, Nagpur.	National	Attended

	Research Directions in Wireless Communication	FDP	Dr. Ambedkar Institute of Technology, Bengaluru from 17th to 21st August 2020	National	Attended
	National Education Policy-2020 and Technical Education	National Symposium (Online)	17/12/2020 to 19/12/2020 organized by Dr. Ambedkar Institute of Technology, Bengaluru	National	Attended
2018-19	TEQIP III Faculty Development Programme on Robotics and Auotamtion	Workshops	**17th February 2020 to 28th February 2020 IIT Madras**	National	Attended
	5th National Level Techno Exhibition	Technical Event	Dr AIT, 13th April 2019	National	Organiser
2017-18	Advanced FPGA based VLSI design for research application	FDP	5th to 9th March,2018	state	Attended
	Administration fundamentals of sales force cloud platform	FDP	5th to 9th Feb, 2018	state	Attended
2016-17	Design and Development of Embedded systems of Industrial Applications	Workshop	22nd august to 3rd September 2016	state	Attended

18. Innovative processes developed in teaching and learning.

19. Participation in curricular development:

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

21. Refresher and Orientation courses attended:

22. Examination /Evaluation reforms initiated:

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 Title	Journal Name	Date of Publication/Page Numbers	Impact Factor/h-index/Number in SCOPUS	peer reviewed/ non-peer reviewed	National/ International
2020-21						
2019-20	Density Based Traffic Management Using Image Processing And Accident Monitoring	IJCRT	July 2021 2021-07-08	7.97	YES	International
2018-19	"IOT based patient monitoring , bed and blood booking using AVR"	International Journal of Advance Research, Ideas and Innovations in Technology	May – June ,2019	**4.927**	no	International
2017-18	"Sensor based smart dustbin for waste segregation and status alert"	International Journal Of latest Technology in Engineering , Management And Applied Science" [IJLTEMAS]	April 2018	**5.471**	yes	International

2016-17						

Conference Proceedings						
Academic Year	Research Paper Title	Conference Name	Venue	Date of Publication/Page Numbers	Impact Factor/h-index/Number in SCOPUS	National/ International
2020-21	NIL					
2019-20	NIL					
2018-19	NIL					
2017-18	NIL					
2016-17	NIL					

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

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

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

Academic Year	Patent Number & Date of filing	Title	National/International	Published Date	Grant Date
2020-21	40/2021 & 18/09/2021	The medical devices connectivity	National	01/10/2021	Granted

		system and method using by deep learning algorithm			
2019-20	NIL				
2018-19	NIL				
2017-18	NIL				
2016-17	NIL				

26. Consultancy services provided and revenue generated:

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

Academic Year	Conference/ seminars/ symposia/workshops	Date and Venue	Convener/Coordinator
2020-21	NIL		
2019-20	NIL		
2018-19	"Finishing school - Parivarthan"	Dr AIT, 18/02/2019 to 20/02/2019	Coordinator
2017-18	NIL		
2016-17	NIL		

28. Number of collaborations:

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

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

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