Faculty Profile

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

1. Name of the faculty: KavyaShivashankar
2. Name of the Department: Electronics and Communication
3. Educational qualifications: Mtech
4. Present position: Assistant Professor
5. Address for correspondence: Dr.ait, bangalore
6. E-mail and contact number: kavyashivashankar.ec@drait.edu.in
7. Specialization: VLSI Design and Embedded Systems
8. Total teaching experience:4
9. Courses taught: Control Systems, Embedded Systems, Digital Image Processing, OOPs with C++, ADSP, DSP, LIC, Digital Electronics, Mechatronics, Biomechatronics
10. Research experience:
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							
2018-19							
2017-18							
2016-17							

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							
2018-19							
2017-18							
2016-17							

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
				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.

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

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
				NIL		

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
				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	ICACCT	Guru Nanak Dev Engineering College	Paper presented
2019-20			
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			
2019-20			
2018-19	National conference	Dr.AIT, Bangalore,	Presented paper
2017-18			
2016-17			

Symposia/ Seminars/ Workshops					
Academic Year	Title	Symposia/ Seminars/ Workshops	Venue and Date	International/National/State/University Level	Attended/ Presented
2018	Advances in Signal processing and Robotics		Bengaluru	National	Attended
2018	seminar on social impact of convergence of cloud computing		Bengaluru	National	Attended
2020	national seminar on significant role of e-education	Seminar	Bengaluru	National	Attended

2020	international webinar on how to build positive attitude and positive state of mind		Bengaluru	International	Attended
2020	national webinar on how to manage work effectively and be a good leader		Bengaluru	National	Attended
2017	FDP on programming ARM processor with hands on using ESA keil ARM cortex M3 evaluation Board		BMSIT and M institution Bengaluru	University Level	Attended
2018	FDP on Intelligent Algorithms and Applications		Dr.AIT	University Level	Attended
2018	Induction programme for faculty		Dr.AIT	University Level	Attended
2020	FDP on Recent Trends in Engineering Industry perspective		Dr.AIT	International	Attended
2018	FDP on phyton programming and introduction to machine learning		Dr AIT	University Level	Attended
2017	FDP on entrepreneurship development institute of India	FDP	Dr AIT	University Level	Attended

				Attended
2018	FDP on Embedded systems design and IOT	Dr AIT	University Level	Attended
2020	FDP on Data science and IOT	SECAB	International	Attended
2017-18	Workshop on OORJA Educational Tool by Microsoft	Dr.AIT,Bengaluru	University Level	Attended
2017-18	Workshop on Latest Trends in Robotics and automation	Dr.AIT,Bengaluru	University Level	Attended
2017-18	Workshop on Latest Trends in Robotics and automation	Dr.AIT,Bengaluru	University Level	Attended
2017-18	Workshop on OORJA Educational Tool by Microsoft	Dr.AIT,Bengaluru	University Level	Attended
2018-19	workshop on Innovative pedagogy for effective teaching	Workshop Dr.AIT,Bengaluru	University Level	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	Smart Seat Management With Contactless Ticketing In Public Transportation	Design Engineering	Issue 7, pages: 13293-12405	0011-9342	Peer-reviewed	International Journal
2020-21	Design and Implementation of IoT based Vehicle tracking and Theft Control	IJARIIE	Vol-7 Issue-1 2021	ISSN(O)-2395-4396	Peer Reviewed	International journal
2019-20	Pick and place Robot	international journal of advance research, ideas and innovations in technology	10/5/2019,Issue 3,Vol 5	2454-132X	Peer reviewed	International Journal
2018-19	Campus placement process automation portal	international journal of advance research, ideas and innovations in technology	6/5/2019,Issue 3,Vol 5	2454-132X	Peer reviewed	International Journal
2017-18	*"Simulation of Edge Triggered D Flip-flop using single electron Transistor(SET) "*	IJAETMAS	Vol.5, Issue 4,May-April 2018	ISSN 2349-3224	Peer-reviewed	International journal
2017-18	*"Algorithms for Network-on-chip System "*	International Journal for scientific Research &	Vol.6, Issue 5, july 2018	2321-0613	peer-reviewed	International journal

Academic Year	Research Paper Title	Conference Name	Venue	Date of Publication/Page Numbers	Impact Factor/h-index/Number in SCOPUS	National/International
		Development (IJSRD),				
2016-17	*"Functionality Verification of Standard Cell Library "*	ICET		15th May 2016	ISSN15056-1140	Peer-reviewed	*International Journal*

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						
2019-20						
2018-19						
2017-18						
2016-17						

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				
2018-19				
2017-18				
2016-17				

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

Academic Year	Patent Number & Date of filing	Title	National/International	Published Date	Grant Date
2020-21					

2019-20	NIL
2018-19	
2017-18	
2016-17	

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	Seminar on opportunities in VLSI and Embedded Systems Design	29/04/2021	Jambunath S Baligar Manjula N Kavya Shivashankar
2019-20	Nano technologies and its application	23/10/2019	Kavya Shivashankar Shwetha N Shilpa K C Sangeetha K C
2019-20	Seminar on Impact of COVID-19 Pandemic on Women"	14/8/2020 Onilne	Kavya Shivashankar Shwetha N Shilpa K C
2018-19	Workshop on Finishing School 'Parivarthana	18th Feb 2019, Dr.AIT,Bengaluru	Kavya shivashankar Kavitha Devi Harsha R
2017-18			
2016-17			

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			
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