FACULTY PROFILE

Name of The Faculty	**ADARSHA. D**
Designation	**Assistant Professor**
Contact Numbers	**MOBILE: +91 - 9731157034**
E-Mail ID	**adarsha322@yahoo.in**

- ## Educational Qualification

Degree	Specialization	Year Of Passing	College & University
D.E	Electronics and Communication Engineering	2004-2007	Vivekananda Polytechnic Puttur & Board of Technical Education, Bangalore
B.E	Electronics and Communication Engineering	2007-2010	PA College of Engineering Mangalore & VTU, Belagavi.
M. Tech	VLSI Design and Embedded System	2011-2013	KVG College of Engineering Sullia & VTU, Belagavi.

- ## Work Experience

Teaching	Research	Industry
10 +Experience	-	1+Experience

- ## Date of Joining to the College

06th August 2014

In-House Experience

Designation	Duration		Department
	From	**To**	
Asst. Professor	06-08-2014 - Till The Date		E & C

Outside Experience

Designation	Place	Duration	
		From	**To**
Asst. Professor	K.I.T, Mangalore	1-8-2013	1-8-2014
Design Engineer	APLOMB Solution Pvt., Ltd	30-7-2010	1-8-2011

Area of Interest

Power Electronics	Wireless Communication	Broad Band Wireless Communication	Advanced Communication Networks	GSM	IOT & Cloud Computing

Subject Taught

For UG:
- Power Electronics
- Basic Electronics
- Verilog HDL
- Microprocessor
- Digital Communication
- Wireless Communication
- GSM
- Embedded System Design
- Microcontroller
- Information theory and coding
- Computer networks
- Computer organization
- Wireless and cellular communication
- Communication theory

For PG:
- ASIC design
- SOC Design
- Low Power VLSI Design
- Wireless Broadband LTE 4G
- LTE 4G Broadband
- Digital commutation system 2

- **Publications**

National / International Journals	National / International Conferences
2	1

- **Publications : International Journals**

1. Adarsha. D And Pradeep T.M, *"Image Water Marking Using Spread Spectrum Technology"* *International Journal of (IIES),* Vol. 06, No.8, pp. 30-05-2013

   2. *Adarsha.D "Implementation of heart rate and Temperature monitoring device using wireless system" International Journal of* Vol. 11, pp. 07-07-2023

- **Publications : National / International Conferences**

1. Path Finding Robot, *"Jnanasangama -17",* 2017.

- **Professional Activities: NPTEL Course**

NPTEL (National Program On Technology Enhanced Learning)	Subject	Year Of Certification	Result
	Wireless And Communication	2018	60%

- **Faculty Development Programmes (FDP) Participated**

Sl. No.	Program Title	Venue	Date & Year
1.	Student Induction Program	Sahyadri College Of Engineering ,MITE, Mangalore	2019
2.	Train The Trainer	Tessolve Semiconductor Pvt, .Ltd Bangalore	28-05-2018 to 02-06-2018
3.	Advanced Facilitation Skills	KVGCE, Sullia	5th &6th Feb 2018
4.	Experimental Learning Through Virtual Lab	KVGCE, Sullia	18th April 2018
5.	Li2-Android (Building Mobile Phone Applications)	KVGCE, Sullia	2nd &3rd April 2012
6.	Understanding Self and Interpersonal Relationship	KVGCE, Sullia	18.12.14 to 19.12.14
7.	Advances On Embedded System-Real Time Embedded Technology And Applications	Canara Engineering College Mangalore	25.01.16 to 27.01.2016

8.	Experiential Learning Through Virtual Lab	KVGCE, Sullia	18.04.2018
9.	Real Time Sensor Technologies	KVGCE, Sullia	28.09.2018
10.	Python A Practical Approach	KVGCE, Sullia	13-06-2023
11.	Ability Enhancement Course in Basics of C++	KVGCE, Sullia	27-07-2023 to 29-07-2023

• Workshops / Short-Term Course Attended

Sl. No.	Workshop Title	Place	Date & Year
1.	Train The Trainer	Tessolve Semiconductor Pvt .Ltd Bangalore	28.05.2018 to 02.06.2018

• No. Of Project Guided

UG	PG
12	1

• Responsibilities Taken in College Level

Event	Positions	Duration	
		From	From
NBA	Criteria -7,8	2018	Till Date
Student Mentoring	Student Observations	2014	Till Date
Mentoring Coordinator	Dept. Mentoring Coordinator	2021	Till Date
Industrial visit	Industrial visit coordinator	2023	Till Date
NPTEL	College level coordinator	2022	Till Date

• Responsibilities Taken in Department Level

Event	Role	Duration	
		From	To
1. VLSI Lab	In- Charge	2016	2017
2. ENCEA	Coordinator	2017	2018
3. CN Lab	In- Charge	2021	2023

	4. Industrial visit	Industrial visit coordinator	2023	Till Date

• Participation Details In The College Level Event

Sl .No.	Event	Position / Role
1.	College Sports Meet	Member
2.	Alumni Meet	Member
3.	College Anti-Ragging Committee	Member
4.	College Day Function	Member
5.	Project Exhibition 'Expo'	Member
6.	College Cultural Functions	Member
7.	College Day Function	Member – Food Committee
8.	Science Talent Hunt Program	Member

• Participation Details In The Department Level Activities

Sl .No.	Event	Role / Responsibilities
1.	ENCEA 2017-18	Coordinator
2.	ENCEA Activities	Technical And Cultural Activities
3.	Counselling	Counselor for EC Students
4.	Mentor	Mini-Project Work 3rd Semester Students

• No. Of Lab Manual / Program Guidelines Prepared

Sl. No.	Lab Manual / Guide Lines Title	Semester And Branch	Year
1.	VLSI Lab	7th Sem E&C	2017
2.	CN lab	7th Sem E&C	2022

• No. of Labs Handled For UG and PG

Sl. No.	Lab Title	Year	Semester & Branch
1.	Power Electronics Lab	2014-15, 2015-16	7th E&C
2.	Microprocessor Lab	2014-15, 2015-16	6th E&C
3.	Power Electronics Lab	2016-17	7th E&C

4.	Microcontroller Lab	2016-17	4th & 6th E&C
5.	Microprocessor Lab	2016-17	4th E&C
6.	Power Electronics Lab	2017-18	7th E&C
7.	Embedded Controller Lab	2017-18	6th E&C
8.	Power Electronics Lab	2018-19	7th E&C
9.	Embedded Controller Lab	2018-19	6th E&C
10	Information theory and coding	22-23	5th E&C
11	Computer networks	22-23	7th E&C
12	Computer organization	22-23	4th E&C
13	Wireless and cellular communication Communication theory	22-23	8th E&C

- **Awards / Recognition / Achievements/ Others**

- Served at VTU **Digital Valuation Centre**, KVGCE, Sullia for The Digital Valuation Work of UG/PG Answer Scripts DEC/JAN/May/June/July 2016 to2023 Examination.

Mr. ADARSHA D, ASST. PROF, E &C DEPT., KVGCE, SULLIA, D.K - 574 327

Reach me at adarsha322@yahoo.in