




# K.V.G. COLLEGE OF ENGINEERING

Kurunjibhag, Sullia, D.K.-574 327, Karnataka, INDIA  
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Department of Electronics and Communication Engineering

## FACULTY PROFILE

<b>Name of the Faculty</b>	<b>VIJAYA KUMAR KANICHAR</b>	
<b>Designation</b>	<b>Associate Professor</b>	
<b>Contact Numbers</b>	<b>Office: 08257- 231141 Mobile: +91 - 9448152771 &amp; 9353076181</b>	
<b>E-mail ID</b>	<b>vijayakanichar@yahoo.com</b>	

### • Educational Qualification

Degree	Specialization	Year of Passing	College & University
B.E	Electronics & Communication Engineering	1992	KVGCE, Sullia (D.K)
M. Tech	VLSI and Embedded Systems (VLSI&ES)	2013	KVGCE Sullia, VTU

### • Work Experience

Teaching	Research	Industry
17+ Years' Experience	-----	9+Years' Experience

### • Date of Joining to the College

23<sup>rd</sup> August 2004

## • In-House Experience

Designation	Duration		Department
	From	To	
Lecturer	23.08.2004	28-02-2007	E & C
Senior Lecturer	01-03-2007	02-03-2012	E & C
Assistant Professor	03.03.2012	28.02.2016	E & C
Associate Professor	01.03.2016	Till Date	E & C

## • Outside Experience

Designation	Place	Duration	
		From	To
Guest Lecturer	GJC Kanyana, Bantwal Taluk	2002	2004
Guest Lecturer	KVG Polytechnic, Sullia	2011	2013
Testing & Quality Control Engineer- in Expo Instrumentation Pvt. Ltd. Mangalore	Mangalore	1992	1993
Service Engineer- in ELCO Power Systems Mangalore	Mangalore	1993	1996
Project Engineer (Technical) - in Accumulator Tele Power Ltd. New Delhi	New Delhi	1996	2002

## • Area of Interest

Sensors, Data Acquisition, Instrumentation	Wireless Mobile Communication, Microwaves	Core Electronics/ Circuits/ Hardware	Power Electronics	Optical Fiber Communication	Antennas & Waveguides
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## • Subject Taught

<ul style="list-style-type: none"> <li>- Basic Electronics</li> <li>- Logic Design</li> <li>- Analog Electronic Circuits</li> <li>- Electronic Instrumentation</li> <li>- Control System</li> <li>- Signals &amp; System</li> <li>- Physics (I &amp; II PUC PCMB)</li> <li>- Mathematics(I&amp;II PUC PCMB)</li> <li>- Organic Chemistry(I PUC PCMB)</li> <li>- Econometrics(I PUC Commerce)</li> </ul>	<ul style="list-style-type: none"> <li>- Microwaves &amp; Radar</li> <li>- Optical Fiber Communication</li> <li>- Power Electronics</li> <li>- Global System for Mobile communication</li> <li>- Electrical &amp; Electronic Measurements</li> <li>- Transmission Lines &amp; Waveguides</li> <li>- Audio &amp; Video Systems (Polytechnic)</li> <li>- Advanced Communication (Polytechnic)</li> </ul>	<ul style="list-style-type: none"> <li>- Linear Integrated Circuit</li> <li>- Microwave Communication</li> <li>- Power Electronics (E&amp;E )</li> <li>- Control Engineering (MECH)</li> <li>- RF&amp;<math>\mu</math>w Ckt. design (M.Tech)</li> <li>- Advances in VLSI Design (M.Tech)</li> <li>- CMOS RF Circuit Design (M.Tech)</li> </ul>
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## • Membership in Professional Bodies/University Bodies/Organizations

- Member of Indian Society for Technical Education (MISTE) : LM – 62156 (2009)

## • Publications

National / International Journals	National Conferences
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## • Publications : National Conferences

1. "Design & analysis of low power multi modulus frequency divider", *VCET Puttur*, 02.05.2015.
2. "Design of full subtractor using MICMOS for the reduction of leakage current & power", *RL Jalappa Institute of Technology, Doddaballapur*, 22.03.2014 & 23.03.2014
3. "Design & Analysis of High Performance D- Flip Flop for Switch Debouncer Circuit", *VCET, Puttur*, 25.03.2014.

## • Faculty Development Programmes (FDP) Participated

SL. No.	Program Title	Venue	Date & Year
1.	The 8 <sup>th</sup> State Level Convention of ISTE - Karnataka	ISTE chapter, KVGCE, Sullia	18 <sup>th</sup> & 19 <sup>th</sup> ,Nov 2005 (2 days)

2.	Value Inculcation in Engineering Education	Malnad College of Engineering, Hassan	30.04.2007 & 01.05.2007 (2days)
3.	Mission-10X - FDP for the Engineering faculty, conducted by Wipro Technologies Bengaluru.	KVG College of Engg., Sullia (D.K)	20.12.2011 to 24.12.2011 (5 days)
4.	AICTE Sponsored FDP on "Student Induction"	MITE, Moodabidri	14.05.2019 to 16.05.2019 (3 days)
5.	AICTE Sponsored FDP on "Student Induction"	SCEM, Mangalore	18.06.2019 To 24.06.2019 (7 days)

### • Workshops / Short-term Course Attended

SL. No.	Workshop Title	Place	Date & Year
1	A Course on MOTOROLA microcontrollers	Noida Industrial Area, Uttarpradesh	22.08.1998 to 28.08.1998 (7Days)
2	SIDBI Sponsored Computer Hardware Training Program	RUDSET Institute, Ujire, Karnataka	10.06.2000 To 24.07.2000 (45Days)
3	Virtual Labs	National Institute of Technology - Karnataka (NITK), Surathkal	01.08.2015 (1Day)

### • No. of Project Guided

UG	PG
18	6

### • Responsibilities Taken in College Level

Event	Positions	Duration	
		From	From
Academic time table preparation for all the branches of the College	Coordinator	02-02-2009	07.06.2011
KVGCE Alumni Association	Secretary	2010	2011

Career Guidance to PUC & Polytechnic Students	Member/Trainer (from the career guidance view point in 2018-19; visited 17 PU Colleges in Puttur, Sullia & Bantwal Taluks and interacted 400+ students of 2 <sup>nd</sup> PU Science )	2009	Till Date
Orientation/induction activities for newly admitted students (of 1 <sup>st</sup> sem. BE) to KVGCE	Trainer	2008	Till Date
Technical training ( Part of placement training) to the pre final year & final year students of E&C and E&E branches for their job placements in core Electronics/ Communication Industries	Trainer	2008	Till Date
NAAC criterion- Technical support	Coordinator	2012	Till date
Technical fest-2016 (Thantrajna-16 & Vision-2016) at KVGCE	Chairman (invitation/ publicity/ stage committee)	24.03.2016	-----
Entrepreneurship Development Cell (EDC)	Chief Coordinator & Technical Trainer	26.05.2017	Till Date
NBA Criteria-6 (Facilities & Technical Support) for E&C Dept.	Coordinator	2016	Till Date
KVG science talent hunt-2018	Science Quiz Committee (chairman) & Quiz master	2018-19	-
KVG science talent hunt-2019	Science Quiz Committee (Chairman)	2019-20	-

### • Responsibilities Taken in Department Level

Event	Role	Duration	
		From	To
Electronics & Communication Engineering Association (ENCEA)	Coordinator	Aug.2008	May2009
Mini project for 2 <sup>nd</sup> & 3 <sup>rd</sup> Year	Coordinator	2013-14	2015-2016
Campus to Career program for pre final year E & C students	Coordinator	2015-2016	-----

E&C Incubation Centre	Coordinator	01.10.2018	10.06.2019
Final year BE( E&C) project work	Coordinator	2014-15	2018-19
Mini Project Coordinator for 2 <sup>nd</sup> year BE(E&C) students	Coordinator & mini project lab in charge	2018	Till date
Analog communication Lab	In charge	2014	2019
Advanced Communication Lab	In charge	2013	2015
Hardware Circuit Lab / Equipment/instruments' Calibration	In charge	2018	Till date
E&C Student counseling	Coordinator	2007	2011
E&C Student counseling	Counselor	2005	Till date

**• Participation details in the college level event.**

SL .No.	Event	Position / Role
1.	Alumni Association/ meet	Secretary (2010 to 2011) / member
2.	College Anti-ragging committee	Team member 2005 to 2014
3.	College Day function	Member
4.	Project Exhibition "EXPO"	Coordinator 2014-15 to 2018-19
5.	EDC activities	Coordinator & trainer
6.	Science Talent Hunt Program	Chairman of Science Quiz Event
7.	Training students for job placements	Technical/apptitude trainer for E&C and E&E branches

**• Participation details in the Department level activities**

SL .No.	Event	Role / Responsibilities
1.	e-congregation-2008	Co-ordinator
2.	Thanrajna -E&C Dept.	Publicity, invitation, stage committee chairman/ judge for hardware electronics
3.	ENCEA activities	Judge for technical and cultural activities conducted by the students

4.	Lab Activities	Servicing & calibration of lab equipments/manual preparation & correction/Hardware lab setup/training the junior faculty & instructors on hardware lab activities
5.	Student Counseling	Counselor for EC Students
6.	Mini-project work activities of 2 <sup>nd</sup> year E&C Students	Coordinator & technical trainer
7.	Final year EC students' Internship activities	Guiding in preparing reports
8.	Final year EC Students' project work	Coordinated the projects from 2014-15 to 2018-19 Project guide 2004-05 to 2013-14 & 2019-20 to till date
9.	Placement training	Training the final & pre final year EC students in core electronics/communication / general aptitude for the written tests/interviews of core electronic companies such as Sankalp Semiconductor, Tessolve, Cell com etc.

• **No. of Lab Manual / Program Guidelines Prepared**

SL. No.	Lab manual / Guide lines Title	Semester and branch	Year
1.	Power Electronics Lab Manual	VII E&C	2009
2.	Analog Electronics Lab Manual	III E&C	2008
3.	Analog Communication+ LIC Lab	V E&C & IV E&C	2011 &2017
4.	Advanced Communication Lab (microwave part + digital modulation part)	VI E&C	2016

• **No. of Labs handled for UG and PG**

SL. No.	Lab Title	Year	Semester & Branch
1.	Power Electronics Lab	2007,2008 2011,2015	VII E&C
2.	Analog Electronic Circuits Lab	2004,2005,2006	III E&C
3.	Logic Design Lab	2004,2005	III E&C
4.	Communication Lab + LIC lab	2004 & 2005	V E&C
5.	Advanced Communication Lab	2008,2009,2010, 2014 2015,2018	VI E&C
6.	Analog communication & LIC Lab	2017,2018	IV E&C
7.	Power Electronics Lab	2010,2011	IV E&C

• Interaction with Outside World / Invited Lectures

Sl.No.	Program	Venue and Organizer	Date
1.	Inter district Kannada Chutuku fest: Kasaragod District Chutuku Sahithya Sammelana - reading self written Kannada mini poems	Bekal, Kasaragod Distict "Kasargod District Chutuku Sahithya Parishath in association with Chutuku Sahithya Parishath,Mysore"	29.12.2002
2.	Bantwal Taluk 10 <sup>th</sup> Kannada Sahithya Sammelana - Delivered welcome speech as a welcome committee member & treasurer	Government Junior College,Kanyana,Bantwal Taluk. "Dakshina Kannada District Sahithya Parishath"	04.09.2004
3.	State level Kannada Chutuku Kavigoshti	Kalaa Kuteera, Manipal Udupi District	24.10.2004
4.	Judge for polytechnic Project exhibition	KVG Polytechnic, Sullia	21.02.2012
5.	Speech to motivate & encourage the Final year Diploma students of KVG Polytechnic, Sullia in the farewell function for their entry into corporate world	KVG Polytechnic, Sullia	11.04.2012
6.	Judge for E&C project Exhibition	Srinivas Institute of Technology, Valachil, Mangaluru	02.04.2013
7.	Swachha Bharath program under NSS unit of KVGCE : Actively participated along with the students of KVGCE in picking up waste & garbage and cleaning the entire campus of KVG Group of Institutions in Kurunjabhag Sullia campus	NSS Unit of KVGCE	2014
8.	Social Concern: Taken initiation & leadership responsibilities in constructing a house for a very very poor, shelter less family at Harihara village of Sullia Taluk. The work started on 21.01.2014 and completed & handed over on 09.07.2014.	Harihara Village,Sullia Taluk. Self with the help of donors from KVG group of institutions, Sullia and general public of Sullia & Bantwal Taluk	21.01.2014 to 09.07.2014
9.	Judge for Kannada Elocution	KVG Amarajyothi PU College, Sullia	30.11.2016



10.	As one of the chief guests of 100 <sup>th</sup> Anniversary Celebration of the Government Higher Primary School, Kanyana where I pursued my primary education - Delivered a talk on “ Extra knowledge to be imparted to the school children by the teachers in addition to the academic syllabus topics”	Government Higher Primary School, Kanyana, Bantwal Taluk	10.04.2016
11.	Career guidance to science students of PUC	PU Colleges in Puttur, Sullia & Bantwal Taluks	19.12.2018 to 02.01.2019
12.	A talk delivered to the parents of the science students of the KVG Amarajyothi P.U. College, Sullia about the JEE, NEET & CET Exams in the parent-teacher interaction program	KVG Amarajyothi P.U. College, Sullia	22.10.2019

### • Awards / Recognition / Achievements/ Others

- Felicitated by the **betterment committee** for obtaining first place to the college in SSLC Exams- **March 1986** at Government Junior College, Kanyana, Bantwal Taluk (D.K.).
- Actively participated in **NCC activities** during 2 years PU course & attended NCC annual camp at Madikeri and awarded with NCC-B Certificate in **1988**.
- Appeared for Karnataka **CET Examination, obtained rank 4325** and qualified to pursue BE (E&C) in **KVGCE Sullia** under General merit seat category of the state government seat allotment for Engineering Degree Courses **1988-89**.
- Served number of times as **External Deputy Chief Superintendent, Squad member** for VTU theory examinations.
- Taken up/taking up the responsibility assigned as **Question Paper setter and Moderator** for UG and PG program of VTU and NMAMIT Nitte.
- Felicitated by the general public of Harihara village, Sullia Taluk for taking up initiation & **leadership responsibilities** in constructing & completing a house for a very poor, shelter less family in that village (**09.07.2014**).

- Received Certificate as token of respect from **Chutuku Shithya Parishath, Mysore** in the **inter district chutuku kavigoshti** held at Bekal, Kasaragod District on **29.12.2002**.
- Recognized as one of the **chief guests** for 100<sup>th</sup> Anniversary Celebration of the Government Higher Primary School, Kanyana on **10.04.2016** where I pursued my primary education.
- Awarded with certificate by **Kalaa Kuteera, Manipal** in the state level Chutuku Kavigoshti held at Manipal on **24.10.2004**.
- Published a book namely **"Samarasa"**- A collection of self written small poems in Kannada. Published by K.V.G. Charitable Trust, Kurunjibhag, Sullia, D.K. in **2010**.

**MR. VIJAYA KUMAR KANICHAR, ASSOCIATE PROFESSOR, DEPT. OF E&C**

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