



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

Name of the Faculty	REKHA A A	
Designation	Associate Professor	
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E-mail ID	rekhaa_anil@yahoo.com	

• Educational Qualification

Degree	Specialization	Year of Passing	College & University
B.E	Electrical and Electronics Engineering	2004	KVGCE, Sullia, VTU
M.Tech	Power and Energy Systems	2009	NITK Surathkal

• Work Experience

Teaching	Research	Industry
19 years	-	-

• Date of Joining to the College

23rd August 2004

• In-House Experience

Designation	Duration		Department
	From	To	
Lecturer	23-08-2004	31-08-2009	E&EE
Asst. Professor	01-09-2009	02-03-2012	E&EE
Assoc. Professor	03-03-2012	09-02-2020	E&EE
Assoc. Professor	10-02-2020	Till date	E&CE

• Outside Experience

NIL

• Area of Interest

Digital Signal Processing	Image Processing	Artificial Neural Network	Power systems
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• Subjects Taught

<p>For UG:</p> <ul style="list-style-type: none"> - Analog Electronic Circuits - Control Systems - Microprocessors - Digital Signal Processing - Power system Analysis - Computer Techniques in Power System Analysis - Object Oriented Programming with C++ - Digital System Design - Power System Analysis 	<ul style="list-style-type: none"> - Power System Operation & Control - Modern Control Theory 	<p>For PG:</p> <ul style="list-style-type: none"> - DSP Applications to Industrial drives - Advanced Digital signal Processing - Dynamics of Linear Systems
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• Membership in Professional Bodies/University Bodies/Organizations

- Life Member of The Indian Society for Technical Education(MISTE): LM64950(2009)

• Publications

National/International Journals	National/International Conferences
02	02

• Publications: International Journals

1. Performance of Induction Motor Drive by Indirect Vector Controlled Method using Fuzzy Logic Approach published in International Journal for Scientific Research and Development, IJSRD, vol 4, Issue 9, Nov 2016
2. “Multiple Sclerosis Lesion Classification on MRI using ANN”, International Journal on Computer Engineering and Information Technology–Volume I, No1, November2008–January2009.

• Publications: National/International Conferences

1. SVM- DTC Permanent magnet Synchronous motor Driven Electric Vehicle with Bidirectional converter, presented in 3rd international conference on Engineering & Technology-2014
2. Multiple Sclerosis Lesion Classification on MRI using ANN, “Research Challenges in Computation and Information Technology”, Department of Computer Applications, Sona College of Technology, Salem - 636005, Tamilnadu, in association with CSI, Salem Chapter, RCCIT-2009, 20-03-2009.

• Faculty Development Programmes (FDP) and Workshop Participated

SL.No.	Program Title	Venue	Date & Year
1.	Mathematical Tools for Engineering Applications	KVGCE, Sullia.	13 th May 2006
2.	State of the art approaches to power system modeling and simulation.	NMAMIT Nitte	22 nd -24 th February 2007

3.	Stability and control in power systems	AIT Chikmagalur	29 th -31 st March 2007
4..	Technical Colloquium under NDLP Program	Canara Engineering College, Mangalore	7 th November 2009
5.	Recent trends in Advanced materials RTAM-2009	KVGCE, Sullia.	18 th December 2009
6.	Machine dynamics and Instrumentation	K.V.G.C.E., Sullia	26- 30 th March2012
7.	Intellectual Property & Innovation Management in Knowledge Era	K.V.G.C.E., Sullia	12 th November 2013
8.	Inverter Design	CEC Benjanapadavu Mangalore	5 th May2015
9.	Experiential Learning through Virtual Lab	K.V.G.C.E., Sullia	18 th April 2018
10.	TEQUIP III sponsored 5 days online workshop 'Advancements in Electrical Engineering- An Academic & Industrial Approach'	NIT Silchar	3 rd - 7 th August 2020
11.	Advances in Medical Informatics	MIT Manipal	16 th – 20 th August 2021
12.	AI Master Class using Python	Pantech Prolabs India Pvt Ltd	30 th Aug – 29 th Sep 2021
13	Python – A Practical Approach	KVGCE Sullia	13 th June to 14 th June 2023
14	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.	The Eighth State Level Convention of ISTE-Karnataka	KVG College of Engineering, Sullia D.K.	18 th and 19 th of November 2005
2	Power system operation and control	RNSIT Bangalore	2010
3.	Recent Trends in Clustering Approaches	SJCE, Mysuru	11 th of July 2013
4.	Brazil Soft Computing in Health Care Applications- Softcomp-14	MIT Manipal	28 th and 29 th of March 2014

• No. of Projects Guided

UG	PG
18	5

• Responsibilities Taken in College Level

Event	Positions	Duration	
		From	From
College Magazine Committee	Member	Aug 2008	Aug 2009
Sports Committee	Member	Aug 2010	Aug 2012
NAAC	Criteria -5 coordinator	Aug 2014	Aug 2015
College Magazine Committee	Member	Aug 2016 Aug 2022	Aug 2017 July 2023
VISION-19	Judge	2019	
Women's Grievance redressal cell	Member	2020	Till date

Training & Placement	Asst. Training & Placement Officer	15-09-2021	Till date
Student Welfare Committee Of KVGCE Ladies Hostel	Member	18-07-2023	Till date

• Responsibilities Taken in Department Level

Event	Role	Duration	
		From	To
1. Counselling	Coordinator	Sep 2004	Aug 2005
2. Dept. Association ELECTREA	Staff Advisor	Aug 2005	Aug 2006
3. Time table	Coordinator	Aug 2011	Aug 2013
4. 8 th sem Project	Coordinator	2012	2021
5. Infosys Campus Connect Foundation Program	Coordinator	Sep 2013	Aug 2014
6. Seminar	Coordinator	2015	2017
7. Question Paper Scrutiny Committee	Member	16 th July 2021 13 th June 2022	12th June 2022 Till date

• Participation details in the College level event.

SL. No.	Event	Position/Role
1.	Thantrajna-2016,2017-ProgramCommittee	Coordinator
2.	Annual Sports Day: 2004 to Till the date	Member

3.	Alumni Meet: Program Committee 2010	Member
4.	Annual day Celebration-2022- Felicitation Committee	Chairman
5.	Graduation Day -2023- Programming Committee	Member

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

SL.No.	Event	Role/ Responsibilities
1.	ELECTREA activities	Judge for Technical Paper Presentation
3.	Counseling	Counselor for E&EE Students

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

SL.No.	Lab manual/Guidelines Title	Semester and branch	Year
1.	AEC Lab	III E&EE	2009
2.	DSP Lab	VI E&EE	2015

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

SL.No.	Lab Title	Year	Semester & Branch
1.	PSS Lab	2004-2005 2015-2021	VII E&EE
2.	Microprocessor Lab	2004-2007	IV E&EE
3.	Control Systems	2010-2015	VI E&EE
4.	Relay & HV Lab	2018&2021	VII E&EE
6.	Microcontroller Lab	2013-2014	V E&EE
5.	Measurement & Circuit Simulation Lab	2016-2017	IV E&EE
6.	DSP Lab	2015-2018	VI E&EE
7.	Power Electronics	2019-2020	V E&EE
8.	Basic Electrical Engg Lab	2018- Till date	I/ II Sem

• **Interaction with Outside World/Invited Lectures**

Sl.No.	Program	Venue and Organizer	Date
1.	Project Exhibition	K.V.G Polytechnic Sulia	2018
2.	Krishna Janmashtami, Guru Poornima, Maha Shivarathri	Chaithanya Sevashrama, Chaithany SevaTrust@, Devarakaliya, Ajjavara Village, SulliaTaluk	Every Year
3.	Faculty Development Program	KVGIPS	6 th July 2022

• **Awards/Recognition/Achievements/Others**

- Served as **Valuator and Moderator** for UG and PG program forVTU.
- Won various prizes in Founders Day Celebrations Games and Sports meet.

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