




K.V.G. COLLEGE OF ENGINEERING

Kurunjibhag, Sullia, D.K.-574 327, Karnataka, INDIA
 E-mail: office@kvgengg.com website: www.kvgengg.com

Department of Electronics and Communication Engineering

FACULTY PROFILE

Name of the Faculty	ANIL B V	
Designation	Associate Professor	
Contact Numbers	Office: 08257- 235045 Mobile: +91 - 8746848940 +91 - 7022211515	
E-mail ID	anilbv@yahoo.com	

• Educational Qualification

Degree	Specialization	Year of Passing	College & University
B.E	Electronics and Communication Engineering	1998	KVGCE, Sullia, Mangalore University
M. Tech	Bio-Medical Instrumentation Engineering	2001	SJCE Mysuru, VTU
(Ph.D.)	Fusion of Face-Voice Biometrics for Rough-Neuro-Fuzzy Models	Pursuing	RC – KVGCE, Sullia, VTU

• Work Experience

Teaching	Research	Industry
19+ years	5+ Experience	-----

• Date of Joining to the College

4th July 2005

• In-House Experience

Designation	Duration		Department
	From	To	
Asst. Professor	04-07-2005	02-03-2012	E & C
Assoc. Professor	03-03-2012	Till the Date	E & C

• Outside Experience

Designation	College, Place	Duration	
		From	To
Lecturer	KVG Polytechnic, Sullia	Aug 1998	July 2002
Lecturer	PESIT, Bengaluru	01-08-2002	09-09-2003
Lecturer	RNSIT, Bengaluru	09-02-2004	02-07-2005

• Area of Interest

Digital Signal and Image Processing	Soft Computing	Machin Learning	Pattern Recognition	Biometrics Identification and Soft Biometrics
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• Subject Taught

For UG: <ul style="list-style-type: none"> - Analog Electronic Circuits - Satellite Communication - Field Theory - Control Systems - Signals and Systems - Digital Signal Processing - Embedded Systems Design - Analog Communication 	<ul style="list-style-type: none"> - Digital Communications - DSP Algorithms and Architecture - Wireless Communications - Programing in C++ - Operating Systems - Artificial Neural Networks - Multimedia Communication 	For PG: <ul style="list-style-type: none"> - Statistical Digital Signal Processing - Multi rate Systems and Filter Banks - Linear Algebra - Real Time Operating System - Probability Theory - Advanced Digital Image Processing
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• Membership in Professional Bodies/University Bodies/Organizations

- Life Member of The Indian Society for Technical Education (MISTE): **LM 64951** (2009)
- Life Member of Bio-Medical Engineering Society of India (MBMESI): **LBI480** (1999)

• Publications

National / International Journals	National / International Conferences
3	11

• Publications: International Journals

1. Anil B.V. and Dr. Ravikumar M.S, “Voice Based Person Identification Using c-Mean and c-Medoid clustering techniques”, published in IEEE Xplore – 2020
2. Anil B.V. and Dr. Ravikumar M.S “Face Segmentation in Video Frames Using Adaptive Morphological Face Template”, published in IEEE Xplore – 2018.
3. Anil B V, Dr.Ujwal. U.J, Rekha A.A., Savitha C.K., and “Multiple Sclerosis Lesion Classification on MRI using ANN”, International Journal on Computer Engineering and Information Technology – VolumeI, No 1, November 2008 – January 2009

• Publications: National / International Conferences

1. Face Recognition in Video Frames Using Morphological Face Template Grabber, “International Conference on Advanced Computing and Communication Technology”, ICACCT-2021, 6th and 7th May 2021
2. Voice Based Person Identification Using c-Mean and c-Medoid clustering techniques, “ IEEE Discover”, International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics (DISCOVER), 30th and 31st of October 2020
3. Face Segmentation in Video Frames Using Adaptive Morphological Face Template, “International Conference on Innovations in Engineering, Technology and Sciences” ICIETS – 2018, 20th and 21st of September 2018.
4. Braille Writer cum Translator with Echo – a Novel Approach, “Third International Conference on Emerging Research in Computing, Information, Communication and Applications” ERCICA – 2015, 31 - 07-2015 and 01 -08-2015.
5. Design and Synthesis of Linear FIR Low pass & High pass filter based on Kaiser Window function, “National Conference on Advanced Research in Electronics & Communication Engineering”, NCAREC-2014, 22, 23- 04 – 2014.

6. Online Object Tracking Using Visual Prior, *“International Conference on Electronics and Communication Engineering” ICECE – 2013, 26-05-2013,*
7. BiTA/SWCE Video Enhancement with Bilateral Tone Adjustment and Saliency Weighted Contrast Enhancement, *“International Conference on Electronics and Communication Engineering Interscience Research Network”, 28 -04- 2013.*
8. Detection and Extraction of Digital Watermark Using DCT and DWT, *“PG Fest, Sambhram Institute of Technology, Bengaluru”, 24 & 25-08, 2012.*
9. American Sign Language Gesture Recognition Using Edge Histogram Descriptors and ANN, *“National Conference NCRTCSE-2011 held at K.V.G. College of Engineering Sullia”, 12-02-2011.*
10. 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.*
11. Multiple Sclerosis Lesion Classification on MRI using ANN, *“Recent Trends in Emerging Technologies PGFEST-09, NMAMIT, Nitte.*

• Professional Activities: NPTEL Course

NPTEL (National Program on Technology Enhanced Learning)	Subject	Year of Certification	Result
	Pattern Recognition and Application. (Prof. P.K. Biswas, IIT Kharagpur)	July – Oct -2019 (12weeks. FDP)	78% (Silver Medal)

• Faculty Development Programmes (FDP) and Workshop Participated

SL. No.	Program Title	Venue	Date & Year
1.	Advanced Microprocessors and PC Hardware	Department of Computer Science and Engineering, R.N.S. Institute of Technology, Bangalore.	2 nd to 7 th August 2004

2.	Advanced Electronic Laboratories (VHDL, DSP and Microcontrollers) (Under the banner of ISTE)	Department of Electronics and Communication Engineering, R.N.S. Institute of Technology, Bangalore.	14 th to 19 th February 2005
3.	Power System Operation and Control	R.N.S. Institute of Technology, Channasandra, Bengaluru	27 th to 29 th January 2010
4.	Machine Learning and its Applications in Engineering and Technology	NMAMIT, Nitte, Karakala (organized by E&C Engineering Department.)	2 nd to 6 th of January 2018
5.	Advanced Topics in Machine Learning and Applications in Engineering and Technology	NMAMIT, Nitte, Karkala (organized by E&C Engineering Department).	26 th to 28 th of October 2018

• Workshops / Short-term Course Attended

SL. No.	Workshop Title	Place	Date & Year
1.	Digital Signal Processing and Power of Linear Algebra in System Design	Future Concepts L-117, 9 th A Main, LIC Colony, J.B. Nagar, Bangalore, Karnataka State. -75	8 th April 2001
2.	Train the Trainers Programme on Microprocessors, Operating Systems and Computer Organization	Dell Technical Support and Training, Dell Computer Corporation, Dell International Services, Bangalore, Karnataka State	29 th and 30 th August 2002
3.	Recent Trends in Linear Algebra and its Applications to Engineering Problems, in association with SJCE, Mysore, Karnataka State, under TEQIP network activity	Department of Mathematics, Malnad College of Engineering, Hassan, Karnataka State	1 st to 5 th Nov, 2006
4.	Global Service Technical Training for Storage Technology Foundations.	EMC Corporation at NMAMIT, Nitte, Karkala, Udupi district, Karnataka	21 st to 25 th January 2008
5.	Infosys Soft Skills Workshop	Infosys Leadership Institute, Infosys Technologies, Mysore	28 th to 30 th January 2009
6.	Dale Carnegie's Certification Programme on High Impact Teaching Skills. Training imparted by Mission10X, Wipro Technologies	Vivekananda College of Engineering and Technology (VCET), Puttur	1 st to 5 th June 2009.

7.	Intellectual Properties and Innovation management in knowledge era.	National Research Development Corporation, New Delhi & KVG College of Engineering.	12 th of November 2013.
8.	Soft Computing in Health Care Applications – Softcomp-14	MIT Manipal	28 th and 29 th of March 2014
9.	The Eighth State Level Convention of ISTE – Karnataka	KVG College of Engineering, Sullia D.K.	18 th and 19 th of November 2005
10.	Recent Trends in Clustering Approaches, by Francisco de A.T. de Carvaalho, Professor, Center for Informatics, Universidade Federal de Pernambuco, Brazil	SJCE, Mysuru	11 th of July 2013
11.	Machine Learning and its Applications in Engineering and Technology	NMAMIT, Nitte, Karakala (organized by E&C Engineering Department)	2 nd to 6 th of January 2018
12.	Advanced Topics in Machine Learning and Applications in Engineering and Technology	NMAMIT, Nitte, Karkala (organized by E&C Engineering Department)	26 th to 28 th of October 2018
13.	Artificial Intelligence and Machine Learning Using Python	Institute For Engineering Research and Publication, IFERP	10 th October 2020

• No. of Project Guided			
UG		PG	
17		6	
• Responsibilities Taken in College Level			
Event	Positions	Duration	
		From	From
KVGCE Alumni Association – Sullia Chapter (Annual Alumni Meet)	President	2009	2010
KVGCE Alumni Association – Sullia Chapter (Annual Alumni Meet)	President	2010	2011
KVGCE Alumni Association – Sullia Chapter (Annual Alumni Meet)	President	2011	2012
KVG Science Talent Hunt – 2018	Coordinator	2018	2018
KVG Science Talent Hunt – 2019	Coordinator	2019	2019
Training and Placement	Training and Placement Officer	2020	Till date
• Responsibilities Taken in Department Level			
Event	Role	Duration	
		From	To
1. DSP Lab	In charge	2010	2019
2. Abhivyakthi , Dept. News Letter	Editor	2014	2019

• Participation details in the College level event.

SL.No.	Event	Position / Role
1.	V-8 Cricket tournament	Coordinator
2.	Thantrajna-2018 – Program Committee	Coordinator
3.	Annual Sports Day: 2006 to Till the date	Member
4.	Alumni Meet : Program Committee (2010 to Till the date)	Member
5.	Founder’s Day: Program Committee (2015to Till the date)	Member
6.	College day Cultural Day	Judge

• Participation details in the Department level activities

SL.No.	Event	Role / Responsibilities
1.	ENCEA activities	Judge for Technical Paper Presentation
2.	LAB setup	In charge for DSP Lab.
3.	Counselling	Counselor for EC Students & Other dept. activities
4.	Mentor	Mini-project work 3 rd semester Students

• No. of Lab Manual / Program Guidelines Prepared

SL. No.	Lab manual / Guide lines Title	Semester and branch	Year
1.	DSP Lab	V E&C	2010 to 2019

• No. of Labs handled for UG and PG

SL. No.	Lab Title	Year	Semester & Branch
1.	CCN And DSP LAB	2001 to 2005	VII E&C
2.	Advanced DSP LAB	2016-17	1 st M.Tech (DE&C)
3.	DSP LAB	2006- 2020	V E&C
4.	Microcontrollers Lab	2014 & 2015	IV, E&C
5.	Computer Networks Lab	2018- 2019	VI E&C

• Interaction with Outside World / Invited Lectures

Sl.No.	Program	Venue and Organizer	Date
1.	Guru Poornima	Chaithanya Sevashrama, Chaithany Seva Trust® Devarakaliya, Ajjavara Village, Sullia Taluk	08-08-2006
2.	Judge for Debate Competition	KVG Amarajyothi PU College, Sullia	18-12-2017
3.	Career Guidance	KVG Polytechnic, Sullia Training & Placement Department	13-03-2018
4.	Orientation Programme	KVG Amarajyothi PU College, Sullia	03-06-2018
5.	Krishna Janmashtami	Chaithanya Sevashrama, Chaithany Seva Trust®, Devarakaliya, Ajjavara Village, Sullia Taluk	02-09-2018
6.	Teacher Training Workshop: Resource person. (Leadership)	KVG International Public School, Sullia	26-04-2019
7.	Effect of Social Media on Youth	KVG Ayurveda Medical College & Hospital, National Service Scheme Unit	26-06-2019
8.	Teacher's Day	KVG Polytechnic, Sullia	05-09-2019
9.	Rotary Pre-University College	Rotary Pre-University College Mithadka, Aletty Village, Sullia Taluk	13-07-2019
10.	Judge for Debate Competition Topic: Chandra Yaana-II	KVG Amarajyothi PU College, Sullia	08-11-2019
11.	Consequences of Social Media on Youth	Toastmasters Club, Sullia	20-06-2019
12.	Importance of Self-Management	KVG Amarajyothi PU College, Sullia	29-03-21

• Awards / Recognition / Achievements/ Others

- Served as **Valuator and Moderator** for UG and PG program for VTU.
- Chaired **Technical paper presentation** VCET, Puttur.
- **Reviewer** of International Conference on emerging trends in engineering @ NMAMIT, Nitte.
- **Adopted an Orphan** at Chaithanya Seve Ashrama, Chaithanya Seve Trust ® Since 2005.
- **President “Toastmasters Club”,** Sullia (2021-22)
- **Vice president** (members) of **“Toastmasters Club”,** Sullia (2019_20)

- **Charter member** of Toast Masters Club, Sullia.
- Trained **resource person** for soft skills.
- Resource person for **Yoga and Meditation.**

PROF. ANIL B. V, ASSOC. PROF., E &C DEPT., KVGCE, SULLIA, D.K - 574327

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