




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 Computer Science and Engineering

FACULTY PROFILE

Name of the Faculty	Dr.UJWAL U J	
Designation	Professor and Head	
Contact Numbers	Office: 08257-235241 Mobile:9448414141	
E-mail ID	ujwalu@yahoo.com	

• Educational Qualification

Degree	Specialization	Year of Passing	College & University
Ph.D.	Computer Science & Engineering - Data mining, Web mining and Cloud Computing	2020	Visvesvaraya Technological University, Belagavi
M.TECH	System Analysis & Computer Applications	2009	NITK, Surathkal Deemed University
MCA	Computer Science	2001	KVGCE, Sullia, VTU,
PGDBC	Computer Science	1997	JSS, Mysore Mysore University
B. Sc	Computer Science	1996	St. Philomena College, Puttur, Mangalore University

• Work Experience

Teaching	Research	Industry
20 Years	5 years	0.6 years

• Date of Joining to the College

10th October 2001

• In-House Experience

Designation	Duration		Department
	From	To	
Professor & Head	01-07-2015	Till Date	CS&E
Assoc. Prof & Head	27-02-2012	30-06-2015	CS&E
Asst. Prof & Head	01-08-2009	26-02-2012	CS&E
Asst. Prof	01-04-2005	31-07-2009	MCA
Lecturer	10-10-2001	31-03-2005	MCA

• Outside Experience

Designation	Place	Duration	
		From	To
Trainee	WIPRO Technologies, Bangalore	08-04-2001	08-10-2001

• Area of Interest

Data Mining	Web Mining	Cloud Computing
-------------	------------	-----------------

• Subjects Taught

UG		PG
<ul style="list-style-type: none"> – C-Programming – Distributed operating Systems – Data base management system – Programming Languages – Programming concepts and c languages – Computer organization – Data ware housing and data mining 	<ul style="list-style-type: none"> – Data Mining – Data warehousing – Computer Networks – Analysis and design of Algorithms – Management Information Systems – Digital Image Processing – Object oriented modeling & design 	<ul style="list-style-type: none"> – Cloud Computing – COBOL Programming Application – Business data processing with COBOL – System Programming – Artificial intelligence – System Modeling and simulation – Communication Management and Ethics – Digital Electronics

• Membership in Professional Bodies/University Bodies/Organizations

- **Member of Indian Society for Technical Education (MISTE):** MISTE-58414
- **Life Time Member of Computer Society of India (CSI):**01222222
- **Member of IEEE:** 92618338

• Patents Received: 02

Patent ID	Field of Invention	Title of the Patent	Date/ Year of Publication
202111016924	Bio-Medical Engineering	Internet of Things Sensor Based Smart and Intelligent Wheel Chair System	16-04-2-21
202141026147	Electronics	Intelligent Video Monitoring System based on Deep Learning Techniques on Automatic Surveillance	02-07-2021

• Publications

Book Chapters	National/International Journals	National/International Conferences
---	5/11	4/5

• Publications: International Journals

1. *"Predictive Analysis of Sports Data using Google Prediction API"*, International Journal of Applied Engineering Research ISSN 0973-4562 Vol.13, Issue5-(2018), pp 2814-2816, 2018.
2. *"Ecommerce User Data Analysis and Product Recommendation Using Prediction"*, International Advanced Research Journal in Science Engineering and Technology Vol.3, Issue 9, September 2016.
3. *"Recommendation System Using Collaborative Filtering and Content Analysis in Web Usage Mining"*, International Journal on Computer Science and Information technology Vol- 4, Issue 2, App-June 2016.
4. *"A Survey on Data Mining and Cloud Computing"*, International Advanced Research Journal in Science, Engineering and Technology Vol.3, Issue 5, May 2016.
5. *"FPGA: Implementation of Association Rule in Web Usage Mining"*, International Journal of Engineering Research & Technology, Vol 3, Issue 4 April 2014.
6. *"The Impact of Social Networking and Its Analysis"*, International Journal of modern Engineering Research, Vol .3, Issue 4 July-august- 2013.
7. *"An Efficient discovery of comparable entities from the perspective of comparative question using Data mining"*, International Journal of Engineering Research & Technology.
8. *"A review on Brain disorder Segmentation in MR Images"*, International Journal of Modern Engineering Research Vol .3, Issue 4 July-august 2013.
9. *"Cell Nuclear Segmentation- A Diagnostic Tool in Detection of Braine Cancer Using Microscopic Image Analysis"*, Borneo Journal of Medical Science Volume 4 June 2011.

10. *"Single scan Partition Algorithm with Ladder Merging for Web Mining"*, International Journal on Computer Engineering and Information technology Vol- 1, N0 1, Nov 2008- Jan 2009.
11. *"Multiple Sclerosis lesion classification on MRI using ANN"*, International Journal on Computer Engineering and Information technology Vol -1, N0 1, Nov2008- Jan 2009.
12. *"Hybrid HMM/ANN Models for improving Offline Handwriting Text Recognition"*, In Journal of Image Processing and Pattern Recognition Progress, Volume3,Issue3,2017.
13. *" Information Privacy and Security in Data Mining"*, In Journal of advances Database Management and system, Volume 3, Issue 3,2017.
14. *"Rankingof Image Search by Click-Based Uniformity and Typicality"*, in Journal of Image Processing and Pattern Recognition Progress, Volume 3, Issue 3, 2017.
15. *"Data Security using Cloud Computing Adaption Framework"*, in Journal of Computer Technology &Application, Volume7, Issue 3, 2017.
16. *"Secured Hadoop Environment"*, in IRJET Journal Volume 5, Issue 6, June 2018.

• Publications: National / International Conferences

1. Automated classification of multiple sclerosis lesion using wavelet and texture based NN tool", *National conference on Advanced IT, engineering and management (SACAIM-2013)* by It department of AIMIT-CSIAIMIT on 5th and 6th 2009.
2. "American Sign Languages Gesture Recognition Using Histogram Edge Descriptors and ANN", *National Conference Recent Trends in Computational Science and Engineering – 2011.*
3. "Efficient Mobility Tolerant Bandwidth Satisfied Multicast Trees in MANETS", *National Conference Recent Trends in Computational Science and Engineering – 2011.*
4. "Single scan Partition Algorithm with Ladder Merging for Web Mining", *Proceedings of National Conference on research Challenges in Computation and Information Technology.*
5. "Efficient Binarization Technique for Handwritten Achieve of South Dravidian Tulu Script", *International Conference on Emerging Research in Computing, Information, Communication and Applications, July-2016.*
6. "Haar features based Handwritten Character Recognition System for Tulu Script", *International Conference on Recent Trends in Electronics information Communication Technology, May-2016.*
7. "Implementation of recommendation system in a web browser with the help of cloud mining", *International Conference on Emerging research in Computing, Information, Communication and Application – 2015.*
8. "An Efficient discovery of comparable entities from the perspective of comparative question using text mining", *TECHNOARETE, International conference,Bangalore.*

“Efficient Mobility Tolerant Bandwidth Satisfied Multicast Trees in MANETS”, *International Conference on Emerging Trends in Engineering.*

• Faculty Development Programmers (FDP) Participated

SL.No.	Program Title	Venue	Date&Year
1.	Faculty Development Program	Seminar Hall, KVGCE, Sullia	2008
2.	Emerging Technologies in Data Mining and Wireless Sensor Networks	NITK, Surathkal	21 st to 25 th July,2008 (05 Days)
3.	Research :Methodology , Process and Tools	Canara Engineering College, Benjanapadavu Mangalore	18 th to 23 rd Jan ,2016 (06 Days)

• Workshops / Short-term Course Attended

SL.No.	Workshop Title	Place	Date&Year
1.	Web Programming Using JAVA	SSI Ltd, Mangalore	2000
2.	WebSphere studio Application Developer v4.0.3 and WebSphere Server v4.0	Vamana Institute of Technology, Bangalore	23 rd Sept to 01 st Oct,2002 (08 Days)
3.	Internal Audit FOR ISO 9001:2000	Stellar Management Consultant Pvt. Limited, Bangalore	July 11 th -12 th ,2003 (02 Days)
4.	Student Internet World -2004	Auditorium, KVGCE, Sullia	2004
5.	Unified Modeling Language	Bangalore Institute of Technology, Bangalore	October 21 st -22 nd ,2005 (02 Days)
6.	SATITAS	Seminar Hall, KVGCE, Sullia	2005
7.	The Eighth State level Convention of ISTE-Karnataka	Auditorium, KVGCE, Sullia	2005
8.	Mathematical Tools for Engineering Applications	Seminar Hall, KVGCE, Sullia	13 th May2006
9.	Signal Image and Speech Processing	NITK Surathkal	08 th to 13 th Sept ,2008 (05 Days)
10.	Opportunities for sponsored Research and Collaboration with IT Industries	Seminar Hall, KVGCE, Sullia	2009

11.	The latest Microsoft Technologies by Microsoft and BITES	Microsoft and BITES, Bangalore	February 2011
12.	Object Oriented Analysis and Design using UML with essentials of Rational Software Architect	Seminar Hall, KVGCE, Sullia	28 th to 31 st Jan 2012
13.	BITES Neural Networks and Applications	Canara Engineering College, Bantwal	9 th February 2013
14.	Intellectual Property and Innovation Management in Knowledge Era by NRDC and KVGCE	KVGCE, Sullia	12 th November, 2013
15.	Data mining, data ware housing and business intelligence	BITES and DSCE	30 th Sept and 1 st Oct 2011

• No. of Student Projects Guided

UG	PG
20	15

• Responsibilities Taken in College Level

Event	Positions	Duration	
		From	From
Collage Magazine	Committee Member	2005	2006
Collage Magazine	Committee Member	2006	2007
Collage Magazine	Committee Member	2007	2008
Collage Magazine	Editor	2010	2011
Additional Exam Co-Ordinator	Co-Ordinator	2009	Till Date
Maintenance of computer systems and related equipment's of all the department	Co-Ordinator	2009	Till Date

• Responsibilities Taken in Department Level

Event	Role	Duration	
		From	To
Time Table	Co-Ordinator	2004	2006
CENSA	President	2008	Till Date

• Participation details in the College level event

SL.No.	Event	Position / Role
1.	Student Internet World -04	Awareness talk for school children
2.	College Magazine-2011	Editor: Collect, edit articles
3.	College Magazine-2007	Committee Member: Collect and scrutinize articles
4.	Anti-ragging	Committee Member: Visit boys' hostel
5.	RTAM	Publicity Committee chairman
6.	College Day Sports	Committee Member
7.	Founder's Day celebration	Photo and video Committee chairman

• Responsibilities taken in the University level

SL. No.	Event	Position/Role	Year
1.	LIC Committee	Member	2013-14
2.	LIC Committee	Member	2014-15
3.	LIC Committee	Member	2015-16
4.	Expert member for Science & Technology Mangalore University	Member	June 2017
5.	External Examiner for CS&E related labs and Deputy Chief Superintendent, Mauritius	External Examiner	3 rd to 16 th June 2014
6.	LIC Committee	Member	2017-18
7.	LIC Committee	Member	2019-2020

• Interaction with Outside World / Invited Lectures

SL. No.	Program	Venue and Organizer	Date
1	Research talk on "Recent trends in clustering approaches" Conducted under TEQIP	Shree Jayachamarajendra College of Engineering, Mysore	July 11 th 2013
2	Career guidance & self confidence	KSS, Subramanya	2006

• Awards / Recognition / Achievements/ Others

1. Merit Scholarship in post-graduation MCA for Kodagu District on October 26th, 2002 by securing first prize bearing a cash award and Silver Salver.
2. National Software Expert in Global Information Technology of Overseas division on 14th February 2005.
3. Awards on various sports and games like Kho- Kho, Kabaddi, Pole Vault, Chess, Cricket at college and university level.
4. Nominated as the Job fair representative (SuddiHabba Samithi) and delivered technical talk held in KVGCE Sullia on 27th and 28th November 2010.
5. Appointed as External Examiner for the conduct of Computer Science and Engineering related lab Examinations and External Deputy Chief Superintendent for Theory Examinations at JSS Academy of Technical Education at Mauritius from 3rd June 2014 to 16th June 2014.
6. Chief Guest for the St.Philomina Aided high school annual day functions on 19th Dec 2018.

Dr.Ujwal U J, Professor and Head of CS&E Department

K.V.G. College Of Engineering, Sullia, D.K. -574327

Reach me at ujwalu@yahoo.com