




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 Mathematics

FACULTY PROFILE

Name of the Faculty	Dr. SHREEDHR. K	
Faculty ID	4KVMAT0007182	
University Faculty Reg No.(UID)	MX03 924	
Designations	Professor and Head, Vice-Principal	
Contact Numbers	Office: 08257-231141, Extn: 5136 Mobile: 9448725608	
E-mail ID	shreedharkvgce@gmail.com shreedhar.k@rediffmail.com	

• Educational Qualifications

Degree	Specialization	Year of Passing	College & University
B. Sc	Mathematics	1983	Govt. College Kasaragod, Calicut University
M.Sc.	Mathematics	1986	Mangalore University
M. Phil	Graph theory	2009	Dravidian University, Kuppam

P. hD	Title of the thesis <i>Dimensions and Vertex-edge Labeling of Graphs</i>	2015	VTU, Belagavi
-------	---	------	---------------

• Additional Qualifications

Degree/Certificate	Affiliation
Diploma in Information Technology (Jan.2001)	Manipal academy of Higher education.
PGDIT (Aug.2001)	Manipal academy of Higher education

• Details of Professional Certification

Professional body certificate	Year	Reg.No.
ISTE (Indian Society for Technical Education)	1990	LM 13346
RMS (Ramanujan Mathematical Society)	2007	432

• Work Experience

Teaching	Research	Industry
32+Experience	05+Experience	NIL

• Date of Joining to the College

11-07-1988

• In-House Experience

Designation	Duration		Department
	From	To	
Lecturer	11-07-1988	31-01-2003	Mathematics
Asst. Professor	01-12-1994	14-11-1999	Mathematics
Professor	15-11-1999	31-07-2000	Mathematics
Professor & HOD	01-08-2000	31- 01-2008	MCA
Professor & HOD	01-02-2008	Till date	Mathematics
Chief coordinator	01-02-2010	06-06-2022	Students Mentoring wing
Dean of Academics	01-08-2015	06-06-2022	KVGCE

Vice-Principal	30-09-2019	Till date	KVGCE
----------------	------------	-----------	-------

• Outside Experience

Designation	Place	Duration	
		From	To
Lecturer	JCBM college, Shringeri	1986	1987
Lecturer	KVGP, Sullia	1987	1988

• Area of Interest

Mathematics	Graph Theory	Operation Research	Probability Theory	Numerical analysis
-------------	--------------	--------------------	--------------------	--------------------

• Subjects Taught

U G	PG
<ul style="list-style-type: none"> ➤ Engineering Mathematics -1 ➤ Engineering Mathematics –II ➤ Engineering Mathematics III ➤ Engineering Mathematics IV ➤ Advanced Mathematics I ➤ Advanced Mathematics II ➤ Advanced mathematics (Elective for VIII EE) ➤ Operations Research (Elective for VI CS) ➤ Applied Mathematics (Elective for VII EE) ➤ Numerical Methods (Elective for VI civil) ➤ Numerical Methods (Elective for VI EC) ➤ Discrete Mathematics 	<ul style="list-style-type: none"> ➤ Probability , statistics and Queuing [MCA] ➤ Numerical analysis [MCA] ➤ Discrete Mathematical Structures [MCA] ➤ Operations Research[MCA] ➤ Statistics for Management [MBA] ➤ Advanced Mathematics [M.Tech] ➤ Probability and Random Process ➤ Numerical Methods and applications (Open elective for VII sem)

• Publications

Books	National/ International Journals	National/ International Conferences
04	05	15

• Author for Books

Title of the Book	Name of the Publisher	Year
➤ Calculus and Linear algebra (For First Semester VTU)	Pristine publishing House, Mangalore	2018
➤ Calculus and Linear algebra (For First Semester VTU)	Pristine publishing House, Mangalore	2018
➤ Advanced Calculus and Numerical Methods (For II Sem)	Pristine publishing House, Mangalore	2019
➤ Complexanalysis ,Probability and Statistical methods (For IV sem)	Pristine publishing House, Mangalore	2020

• Publications : International Journals

1. Shreedhar.K, B.Sooryanarayana, and Radhunath “*Smarandchely k-constrained labeling of graphs*” International journal of Mathematical Combinatorics –Volume 1,Page 50-60, 2009
2. Shreedhar. K, B.Sooryanarayana, Chandru Hedge and Vishu kumar “*Metric Dimension of a Hexagonal Cellular Network*” International journal of Mathematical sciences and Engineering Applications ,Volume 4, No II ,P:133-148, 2010.
3. B.Sooryanarayana, Shreedhar.K, and N.N Swamy “*k-metric dimension of a graph*” International Journal of mathematical Combinatoics, Vol.4, P:118-127 , 2016
4. B.Sooryanarayana, Shreedhar.K, and Narahari “*On the metric dimension of total graph of a graph*” Notes on Number Theory and Discrete mathematics Vol.22, 2016 P: 82-95 Pri ISSN 1310-5132, Online ISSN 2367-8275 , 2016.
5. B.Sooryanarayana, Shreedhar.K, and Nrahari “*Metric dimension of Generalized Wheels*” Arab journal of Mathematical Science 25 (2) P:131-144, 2019,Production and hosting by Elsevier

• Publications : National / International Conferences

1. "Forbidden sub graphs for graphs of given metric dimension", International conference in Mathematics and Applications (ICMA-MU 2016) at The Royal River Hotel Pland, Bangkok, Thailand organized by Mahidol University , 17-19 December 2016
2. "On the metric dimension of Total graphs" National conference on Graph networks and navigators. At PPC, Udupi, 2-3 Jan, 2015
3. "Metric dimension of line graph and paraline graph" National Conference on Graph coloring and its applications at Dr.Ambedkar Institute of technology , Bangalore 27-28 July 2013
4. "On Resolving set for communication networks and its inner dual graphs" National seminar on Graph theory and its applications at St. Aloysius college , Mangalore, 3-5 , January 2013
5. "On the metric dimension of Generalized wheels" International Conference ' on Engineering Trends in Fluid mechanics and Graph theory" at CHRIST university Bangalore , 16-18 ,August ,2012
6. "Metric dimension of graphs by using distance matrices" International Conference "on Combinatorial matrix theory and Generalized Inverse of Matrices" at Manipal University ,Manipal , 10-11 , Jan 2012
7. "On the Land marks of Power Graphs" Seventh Shanghai Conference "on Combinatorics " at Jiao Tong University , Shanghai , China, 24-28 , May , 2011
8. "Optimization problems in Graph labeling" National conference on "Computational control system and optimization "at Dr. AIT Bangalore, 12-13 May 2011
9. "Total Labeling of graphs" International Conference "on Emerging Trends In Mathematics and Computer applications " at MEPCO Engineering College , Sivakasi, 16-18 , December 2010
10. " Resolving set for graphs with pendent edges" National Conference on Recent Trends in Discrete Mathematics , at Nazareth Margoschis College Pillayamanai , Nazareth , Thoothukudi , Tamilnadu, 9-11 , December 2010
11. "Metric dimension of corona product graphs" National conference in Distance graph at PPC , Udupi , 4, 5 and 6 th September 2010
12. "k-constrained total labeling of graphs" National Conference on Discrete Mathematics and its Application in science and social systems, at GDC, Surathkal, 26-28, Feb 2009
13. "Total Radio labeling of graphs" The State level Seminar on Graph theory, held at Milagraus college, Kalyanapura Udupi, First and second of August 2008
14. "On the Landmarks of Communication networks" National Seminar on Graph theory and its

application at St. Aloysius college, Mangalore , 4th,5th and 6th January,2007

15. "On the Landmarks of graphs" Twentieth Annual Conference of the RMS at University of Calicut
25th July to 30th July 2005

• Details of Professional Activities

Professional activity	University	Ongoing	Completed
Ph.D. Guidance	VTU	2	-----

• Faculty Development Programmes (FDP) Participated

SL. No.	Program Title	Venue	Date & Year
1	Training Programme on Internal Audit for ISO 9001:2000	KVGCE , Sullia	11-12 July , 2003
2.	Faculty Development Programme	KVGCE , Sullia	23-24 June 2001
3.	Feel Teachers Training Programme	KVGCE , Sullia	16-18 August 2001
4.	Modern Computational Mathematical Techniques to Analyse Random Response Data (STTP	SJC Institute of Technology, Chikballapur	16-28 August 1999

• Workshops / Short-term Course Attended

SL. No.	Workshop Title	Place	Date & Year
1.	Eighth International Workshop On Graph Labelings(IWOGL-2014)	Kalasalingum University, Anand nagar, Krishnakoil-626126 , Tamilnadu	03-06 December 2014
2.	Work shop on Basic science Syllabus for B.E. Programme	U.B.D.T.College of Engineering, Davanagere	18-20, August 2014

3.	Itelectual property and Inovation management in Knowledge era	KVGCE, Sullia	12 th November , 2013
4	One-day Workshop on VTU Thesis Development using Latex	e-learning Centre , SJCE, Mysore	First January 2010
5	Opportunities for Research and collaboration with IT Industries Organized by BITES	KVG. College of Engineering , Sullia	11 th December 2009
6	Fifth International Workshop On Graph Labeling IWOGL-2009	Kalasalingum University ,Thamilnadu	January 07-10,2009
7	Pre-Conference Instructional Workshop On Discrete Mathematics	University of Mysore	June 02-05 , 2008
8	Opportunities in discrete Mathematics and Combinatorics	Dr. DIT , Bangalore	29 th February 2008
9	Ramanujan's Contribution to Number Theory and research Opportunities In Graph Theory	St. Philomena College Puttur	27-28 , july 2006
10	Application of Algebra	CMR Institute of Management Studies,Bangalore	December 17 , 2005
11	Graph Theory and Combinatory	CMR Institute of Technology , Bangalore	7 th May 2005
12	Scheme of Teaching of Discrete Mathematical Structures	AMC Engg.College Bangalore .	September 12, 2004
13	NBA's Accreditation Awareness Workshop	SDM College of Engineering , Dharwad	October 5 .2001

• Conferences Attended

1	National conference of Ramanujan Mathematical Society	Reva Institute of Technology , Bangalore	27-30 June , 2013
2	Seventh Shanghai Conference on Combinatorics	Jiao Tong University,Shanghai , China	24-28 , May 2011
3	75 th Annual conference of IMS	Kalasalingam University Kuppum ,Tamilnadu	December 27-30,2009
4	International Conference on Discrete Mathematics ICDM-2008	University of Mysore	June 06-10,2008

5	Two-day National Conference on Application of Graph Theory	R.V. College of Engineering , Bangalore	12-13 April , 2007
6	The Scientific Aspects of Chandrayana-1 and Ancient Indian Concepts on Moon ALMANAC-07	Dayananda sagar Institution,Bangalore	November 29-30 ,2007
7	National Conference on Fast Computational Techniques and Vedic Mathematics Applications in Engineering and Technology	Dayananda Sagar Institution,Bangalore	1-2 December , 2006

• **National Conference Organised (Chief coordinator)**

Name	Venue	Year
Recent trends in Computational Sciences and Engineering NCRTCSE-2011	KVGCE,Sullia	Feb 12, 2011

• **Workshop Organised (Chief coordinator)**

Sl.No.	Name	Vanue	Year
1	Mathematical tools for engineering Applications	KVGCE, Sullia	13-05-2006
2	The Eight State level Convention Of ISTE- Karnataka	KVGCE, Sullia	18-19 November 2005
3	National Workshop On Science and Technology In India Through Ages SATITAS- 2003 . The workshop focuses on scientific and technological achievements in ancient India and their relevance in the modern context	KVGCE, Sullia	March 21-22 , 2003

4	Faculty Development Programme under ISTE Chapter	KVGCE, Sullia	23-24 June 2001
----------	--	----------------------	-----------------

• Responsibilities Taken in College Level

Event	Positions	Duration	
		From	From
College	Vice-Principal	30-09-2019	Till the date
Fact finding committee	Chairman	2018	---
College	Dean of Academics	01-08-2015	06-06-2022
Counseling Wing	Chief Coordinator	01-08-2010	06-06-2022
College Magazine	Chief Editor of SHILPI-XI	2003	2004
Student Association	Staff advisor	4-2-2009	Till the date
ISTE-Chapter	Secretary	1997	3-2-2009
Examination section	Co-ordinatotor	19-11-1999	--
BITES	Coordinator	2006	2007

• Responsibilities taken in University level

SL. No.	Event	Position/Role	Year
1.	Board Of Studies Basic Science(VTU)	Member	2012-25
2	Board Of Studies Basic ascience(VTU)	Member	2019-2022
2	VTU Nominee for BOS at St. Joseph Engg. College Mangalore	Nominee	2021-22
3	BOE(VTU)	Member	2021-22
4.	VTU e- shikhana Programme	Subject matter expert	12-4-2019 To 26-4-2019

5.	Board of Examination (VTU)	Member	2018-2019
6	Board of Examination (VTU)	Member	2016-2017
7	BOE Of Nagarjun Engg. College Bangalore	Member	2014-17
8	BOS (NMAMIT- Nitte)	Member	From 2014, Till date
9	BOS (Malanadu engg.College, Hasana)	Member	From 2013, Till date
10.	Paper setting, Valuation for B.E, M.Tech ,MCA	---	Since 1992

• Interaction with Outside World / Invited Lectures

Sl. No.	Program	Venue and Organizer	Date
1	Resource person for Faculty Development Program: Teaching strategies of Basic Mathematics and Classroom Management	KVG International Public school Sullia	05-07-2022
2.	Resource Person for Teacher training program	KVG AMARJYOTHI PU College, Sullia	06-07-2022
3.	Chief Guest for Annual day celebration	KVG International Public school Sullia.	21-12-2019
4.	Chief Guest for Eduscapes-2019	KVG Amarajyothi PU college.	31-10-2019
5.	Resource person For teachers training session	KVG International Public school Sullia.	30-04-2019
6.	Classes through e-shikshana	Through Internet for VTU students	02-08-2019
7.	Expert lecture for TEQIP sponsored Faculty Enrichment program on mathematics	TEQIP CELL, VTU Belagavi	18-01-2018 To 20-01-2018
8.	Chief guest for Sports Meet	KVG International Public school Sullia	07-12-2017

9.	External examiner for pre-Ph.Dcomprehensive viva-voce	ST Joseph Engineering college, mangalore	22-2-2017
10.	External examiner for pre-Ph.Dcomprehensive viva-voce	VTU Regional office, Mysore	05-06-2016
11.	External examiner for pre-Ph.Dcomprehensive viva-voce	VTU Regional office, Mysore	18-05-2017
12	External examiner for pre-Ph.Dcomprehensive viva-voce	ST Joseph Engineering college, mangalore	12-08-2018

**Dr.SHREEDHAR.K, Professor and Head of Mathematics Department,
, Vice - Principal**

K.V.G. College Of Engineering, Sullia, D.K. - 574 327





Veenavadini 16 JULY 2022 04 : 30 PM

NADOPASANA

Platform for Buds to Bloom...

Inauguration

Guest:
 DR SHREEDHAR K
 VICE PRINCIPAL,
 K V G COLLEGE OF ENGINEERING,
 SULLIA

 Vocal KUM. SHARANYA MALIGEMANE	 Vocal MAST. AAGAMA PERLA	 Violin SRI PRABHAKARA KUNJARU	 Mrudangam SRI YOGEESHA SHARMA BALLAPADAVU
---	---	---	---

FOLLOW US
 Veenavadini
 YouTube LIVE!

QR CODE
 SUPPORT US

@
 NARAYANEYAM
 Ballapadavu

www.veenavadini.com | Email: veenavadinonline@gmail.com | Contact: +91 9946896456, +91 9447693944

