



K.V.G COLLEGE OF ENGINEERING

Kurunjibhag Sullia D.K Karnataka , India 574327
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Department of Computer Science and Engineering

FACULTY PROFILE

Name of the Faculty	DR. PRAJNA M .R	
Designation	PROFESSOR	
Contact Numbers	Office: 08257231141 Mobile: 9916071025	
E-mail ID	prajnamanu@gmail.com	

• Educational Qualification

Degree	Specialization	Year of Passing	College & University
B.E	COMPUTER SCIENCE AND ENGINEERING	2005	KVGCE,SULLIA,VTU
M.TECH	COMPUTER SCIENCE AND ENGINEERING	2009	NMAMIT NITTE, VTU
PhD	MACHINE LEARNING	2020	KVGCE,SULLIA,VTU

• Work Experience

16 YEARS	10 MONTHS
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• Date of Joining to this College

SEPTEMBER 8TH 2005

• In-House Experience

Designation	Duration		Department
	From	To	
Lecturer	08/09/2005	31/07/2010	CS&E
Asst.Professor	01/08/2010	02/03/2012	CS&E

Assoc.Professor	03/03/2012	13/09/2022	CS&E
Professor	14/09/2022	Till date	CS&E

● Area of Interest

DATA STRUCTURES	OOO	DATA MINING	MACHINE LEARNING	COMPILER DESIGN	ADA	BIG DATA
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● Subject Taught

Data structures	Computer graphics& Visualization	Advanced DBMS
Object oriented concepts	Unix and Shell programming	Advanced Computer Networks
Data mining	DBMS	Programming in C and data structures
Machine learning	Cloud Computing	OOO using Java
Compiler design	Discrete Maths	Big Data & Data Science
Algorithms	FAFL	Data structures and applications

● Membership in Professional Bodies/University Bodies/Organizations

Member of Indian society for technical education(MISTE)-LM3234(2006)
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● Publications: International Journals(18)

1. A Review on Brain disorder segmentation in MR Images, International journal of modern Engineering Research, Volume 3, Issue 4, Jul-Aug 2013 pp-2469-2471, 2013
2. The Impacts of social networking and Its analysis, International journal of modern Engineering Research, Volume 3, Issue 4, Jul-Aug 2013 pp-2469-2471, 2013
3. A secure payment scheme in Multihop wireless network by trusted node identification method. International journal of Engineering Research and Technology, Volume 3, Issue.04, 2014
4. Flexural characterization of sandwich composites, Journal of polymer and composites ISSN:2312-2810, 2015
5. Behavior of sand witch composites under edgewise and flat wise Compression Journal of materials and metallurgical engineering ISSN:2312-3818 2015
6. Design and Implementation of research proposal selection IJER , ISSN:2347-5013 2015
7. Hybrid HMM/ANN models for improving offline handwritten text recognition Journal of Image processing and pattern recognition progress ISSN:2394-1995 2016
8. Data security using cloud computing adaption framework Journal of computer technology and applications ISSN:2347-7229 2016
9. An approach to classify engineering materials using machine learning approach Emerging Research in Computing, Information, Communication and Applications, Springer, Singapore pp 109-120 2017

10. Data mining and machine learning approaches on engineering materials
IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT) pp. 69-73. DOI: 10.1109/RTEICT.2016.7807785 ISBN: 978-1-5090-0774-5 2017
11. Machine learning models for materials selection 10.1109/ICATCCT.2016.7912036 2016 2nd International Conference on Applied and Theoretical Computing and Communication Technology (iCATccT)2017
12. Secure hadoop environment IRJET ISSN:23 5-0056 2018
13. Flexural characterization of foam cored E-glass reinforced smart materials using ANN Materials Today:Proceedings Elsevier Vol. 5, No. 10, P. 21305-21313, 2018
14. Machine learning approaches for smart materials Journal Of Physics, Iop Publishing. Vol. 1142, No. 1, P. 012007, 2018
15. Prediction of Core Shear Strength in Sandwich Composites using Deep Learning and Support Vector Regression International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-2 DOI: 10.35940/ijrte.A1971.078219 2019
16. Damage detection and classification for sandwich composites using machine learning, Materials Today: Proceedings-2022, Elsevier, 52, 702-709.
17. Ensemble learning regression models for fatigue life estimation, International Journal of Natural Sciences, vol 13/Issue 71/ April 2022
18. Impacts of Artificial Intelligence in Natural Language Interface to Database. International Journal of Natural Sciences, vol 13/Issue 71/ April 2022

Publications: National/ International conference®09)

1. A secure payment scheme in Multihop wireless network by trusted node identification method. Technoarete International Conference, Bengaluru 2014 May
2. Relational keyword search systems using NoSQL IFERP International Conference, Bengaluru 10th May2015
3. Design and implementation of research proposal selection ICCIT-2015 19-20th May2015
4. Data mining and machine learning approaches on engineering materials-A review RTEICT 2016 SVCEBangalore 20-21 May 2016
5. Machine learning models for materials selection-Framework for predicting flatwise compression strengthusing ANN ICATCCT SJBIT Bangalore 21-23 July 2016
6. An approach to classify engineering materials using machine learning approach ERCICA 2016 NMAMITBangalore 29 July 2016
7. Machine learning approaches for smart materials NCCI 2018, Christ college Bangalore Dec 2018
8. Damage detection and classification for sandwich composites using machine learning, SME 2021, NMAMIT Nitte on 19-20th November 2021.

9. Ensemble Learning Regression Models for Fatigue life estimation, STCI 2022, Kristu Jayanti College Bangalore on 15th & 16th March 2022.

NPTEL (National Program on Technology Enhanced Learning)	Subject	Year of Certification	Result
	1. Data mining	July 2019 (8 weeks course)	Elite (76%)

• Faculty Development Programmes (FDP) Participated (06)

SL. No.	Program Title	Venue	Date & Year
1.	Mission 10x learning approach	VCET PUTTUR	10-11SEP 2009
2.	Infosys campus connect	NMAMIT Nitte	18-22 Jan 2010
3.	MDI 2012	KVGCE Sullia	26-10 March 2012
4.	Research methodologies process and tools	Canara mangalore	18 th jan to 23 rd jan 2016
5.	Application of statistical and neural network techniques in engineering	SMVITAM udupi	6 th to 7 th June 2016
6.	Machine learning and its application	JNNC, Shivamoga	Jan 22 nd to 26 th 2018
7.	Research challenges and trends in information technology	Online FDP By Sahyadri, Mangalore	4 th to 8 th august 2020
8.	Multidisciplinary trends in information technology	Online FDP By AIT Chikkamagalur	21 st to 25 th july 2020
9.	Artificial Intelligence	Online FDP By Sree Buddha College of Engineering.	Jan 18 th to 22 nd 2021
10.	Artificial Intelligence and Machine learning with Data science	Online FDP By Babasaheb Naik College of Engineering.	July 14 th to 18 th 2021
11	Artificial Intelligence	Online FDP by Infosys campus connect	13 to 17 June 2022

• Workshops / Short-term Course Attended:09

SL. No.	Workshop Title	Place	Date & Year
1.	High impact teaching skills	VCET puttur	2 nd June 2009

2.	MISSION 10X	VCET puttur	1-5 th June 2009
3.	Heterogeneous computing and open CL	NITK surathkal	2012 Feb 24
4.	L12 Android	KVGCE Sullia	2 /3 April 2012
5.	Big data and machine learning	NITK Surathkal	21-23 Feb 2014
6.	Arms made easy by BITES	KVGCE Sullia	5-6 th May 2015
7.	Artificial neural network and its applications	Bearys institute of technology	28 th April 2016
8.	Mobile application development fundamentals	KVGCE Sullia	22-23 Feb 2018
9.	Experimental learning through virtual lab	KVGCE Sullia	18 TH APRIL 2018

• No. of Project Guided

UG	PG
17	08

• Responsibilities Taken in College Level

Event	Positions	Duration	
		From	To
NAAC	Criteria 2 member	May 2014	May 2015
Thantrajna-17	Registration committee member	April 2017	
Thantrajna- 18	Registration committee member	April 2018	
Alumni meet	Felicitation committee member	March 2016	2017
Alumni association	Member	2016	2018
Alumni association	Member	2017	2018
Women redressal cell	Member	2016	Till date
Ladies hostel inspection	Member	2019	Till date

Science talent hunt 2018	Lab visit committee member	2018 oct	-
Science talent hunt 2019	Certificate memento committee member	2019 Nov	-
Thantrajna -2020	Chief Coordinator_UG	2020	
NSS/YRC/RRC Program Officer	Program Officer	2022	Till date
SWO-Girls	Officer	2022	Till date
Discipline Committee	Member	2022	Till date
Minority Scholarship cell	Member	2022	Till date

• Responsibilities Taken in Department Level

Event	Role	Duration	
		From	To
1. N-gate IT 2016	Registration committee member	April 2016	
2. N-gate IT 2017	Registration committee member	April 2017	
3. N-gate IT 2018	Program committee member	April 2018	
4. N-gate IT 2019	Program committee member	April 2019	
5. Mentoring	Coordinator	2009	Till date
6. NBA	Criteria 5 coordinator	2018	Till date
7. Research Committee	Dept Coordinator	2022	Till date

• No. of Lab Manual / Program Guidelines Prepared

SL. No.	Lab manual / Guide lines Title	Semester and branch	Year
1.	Algorithm	5 th CS/IS(2006 scheme)	2007

2.	SS&CD	6 th CS/IS(2006 scheme)	2007
3.	Data structures and OOPs	3 rd CS/IS(2010 Scheme)	2012
4.	Computer graphics and visualization	6 th CS(2006 scheme)	2012
5.	Data structures lab	3 rd CS (2015 scheme)	2017
6.	Data structures and applications	3 rd CS (2017 scheme)	2018
7.	Algorithm lab	4 th CS(2017 scheme)	2019

● **No. of Labs handled for UG and PG: 12**

Lab title	Semester & Branch	Year
Data Structures lab(3 B 2009-10, 2011-12,2018-19,2019-20)	2007,2008,2012,2015,2018,2019,2020,2021	3 rd CS/IS
Analysis & Design of Algorithm lab	2009,2011,2014,2015,2019,2020	4 th CS/IS
Microprocessors lab	2016	4 th CS/IS
Computer Graphics & Visualization lab	2015,2018	6 th CS
SSOS lab	2007,2008,2010,2012,2017,2018	5 th CS
WEB Lab	2017	7 th CS/IS
Operating system lab	2017	5 th CS
DBA Lab	2008,2010,2012,2016	5 th CS/IS
CCP Lab	2006,2017	I Sem
Advanced DBMS lab	2018	I sem M.Tech
Internet of Things	2022	I sem Mtech

● **Interaction with outside world**

Sl.No.	Responsibility	Event and Organizer	Date
1.	Judge	Chandrayana 2 seminar presentation, Amarajyothi PUC sullia	Nov 2019
2.	Judge	Project exhibition at Sahyadri College	April 2016
3.	Resource person	Webinar conducted by Department of Mechanical Engineering, KVGCE , Sullia	12 th Dec 2020

4.	Resource person	Webinar conducted by Department of Mechanical Engineering, ATME Mysore	21 st Dec 2020
5	Examiner	Project examiner for Msc. Students of St. Philominos Puttur and Mangalore Univ. Extn. Center Kushalnagar	19 th & 20 th Nov 2021
6.	BOE Member	Department of Computer Science and Engineering	ACY 2021-22
7.	Member of LIC Committee	Member of VTU LIC Committee for the Academic year 2022-23	July 5 th & 6 th 2022
8.	Judge	Project exhibition "EXPO-22" in KVGCE Sullia	15 July 2022
9.	Reviewer	IEEE International Conference on Data Science and Information System (ICDSIS-2022), Malnad College of Engineering, Hassan, India	29 th & 30 th July 2022

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

In Pursuit of Excellence in Engineering Education Through Innovation: excellence award On March 2010 -MISSION 10X

DR.PRAJNA M R, CS&E DEPT., KVGCE, SULLIA, D.K - 574 327

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