




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	ASSOCIATE 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
P.hD	MACHINE LEARNING	2021	KVGCE,SULLIA,VTU

• Work Experience

Teaching	Research	Industry
16 YEARS	5 YEARS	NIL

• 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		Till Date		CS&E	
● Area of Interest							
DATA STRUCTURES		OOC	DATA MINING	MACHINE LEARNING	COMPILER DESIGN	ADA	BIG DATA
● 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		OOC using Java		
Compiler design			Discrete Maths		Big Data		
Algorithms			FAFL		Data structures and applications		
● Membership in Professional Bodies/University Bodies/Organizations							
Member of Indian society for technical education(MISTE)-LM3234(2006)							

• Publications: International Journals:(15)	
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

• **Publications: National/ International conference:(07)**

Title	Conference Name	Year
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 May 2015
3. Design and implementation of research proposal selection ICCIT-2015		19-20th May 2015
4. Data mining and machine learning approaches on engineering materials-A review RTEICT 2016 SVCE Bangalore		20-21 May 2016
5. Machine learning models for materials selection-Framework for predicting flatwise compression strength using ANN ICATCCT SJBIT Bangalore		21-23 July 2016
6. An approach to classify engineering materials using machine learning approach ERCICA 2016 NMAMIT Bangalore		29 July 2016
7. Machine learning approaches for smart materials NCCI 2018, Christ college Bangalore		Dec 2018

• **Professional Activities: NPTEL Course**

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

● Workshops / Short-term Course Attended:09

SL. No.	Workshop Title	Place	Date & Year
1.	High impact teaching skills	VCET puttur	2nd June 2009
2.	MISSION 10X	VCET puttur	1-5th 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
14	06

• 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	

• 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

• Participation details in the college level event.

SL .No.	Event	Position / Role
1.	College sport meet 2018	Participated in throw ball, slow bike race etc
2.	College sport meet 2019	Participated in throw ball, slow bike race etc

• Participation details in the Department level activities

SL .No.	Event	Role / Responsibilities
1.	Singing (Organized by CENSA) 2018	Judge

• 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	3rd CS/IS
Analysis & Design of Algorithm lab	2009,2011,2014,2015,2019,2020	4th CS/IS
Microprocessors lab	2016	4th CS/IS
Computer Graphics & Visualization lab	2015,2018	6th CS
SSOS lab	2007,2008,2010,2012,2017,2018	5th CS
WEB Lab	2017	7th CS/IS
Operating system lab	2017	5th CS
DBA Lab	2008,2010,2012,2016	5th CS/IS
CCP Lab	2006,2017	I Sem
Advanced DBMS lab	2018	I sem M.Tech

• **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

• **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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