

KLE Institute of Technology, Hubballi 580027
Faculty Profile



Dr. Medha Kudari

B.Sc., M.Sc.(CS), M.Phil., NET, KSET, Ph.D.(CS)

1.	Educational, professional qualifications, and Training				
1.1.	Educational Qualification				
Sl. No.	Degree	University/College	Discipline	Year of passing	Class obtained
a)	Ph.D	Karnatak University, Dharwad	Computer Science	2019	Not applicable
b)	NET	Not applicable	Computer Science and Applications	Nov 2017	Not applicable
c)	SET	Not applicable	Computer Science and Applications	Dec 2017	Not applicable
d)	M.Phil	Alagappa University, Karaikudi, Tamil Nadu	Computer Science	2013	First Class
e)	Master of Science	Mangalore University	Computer Science	2005	First Class with Distinction
f)	Bachelor of Science	Mangalore University	Physics, Mathematics, Computer Science	2003	First Class
1.2.	Training programs attended				
S.N.	Subject Area of Training	Organization	Place	Period/Duration	
1)	Staff Development Program on Embedded Computing Systems	Dept. of Computer Science and Engg, NMAM IT, Nitte		27th to 29th Aug, 2009	
2)	Faculty Development Program on Linux Administration	Dept. of Information Science and Engg, NMAM IT, Nitte		5th to 7th Aug, 2010	

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3)	Deep Dive Faculty Enablement Program	Infosys Technologies Ltd., Mysore		31st Jan to 4th Feb, 2011
4)	Deep Dive Faculty Enablement Program for Elective offering “Business Intelligence and its Applications”	Infosys Technologies Ltd., at School of Engineering and Technology, Jain University, Bangalore		18th July to 22nd, 2011
5)	Mentors Mentee System	P.C. Jabin Science College, Hubballi		16th March, 2014
6)	Machine Learning	Indian Institute of Information Technology, Dharwad		23rd to 27th July, 2018
7)	Mathematics in Artificial Intelligence, Machine Learning and Deep Learning for Faculty and Practitioners	Dept. of Computer Science and Engg, KLE Institute of Technology, Hubballi		1 st to 5 th September, 2021
8)	Regional Research Symposium on PBL 2021	Karnataka State Higher Education Council, Alborg University and UNESCO		18 th and 19 th June 2021
9)	Blockchain and its Applications	NPTEL and AICTE		January – April 2022
10)	Workshop on J2EE Application Architecture	Infosys Technologies Ltd, at St.Aloysius College, Mangalore		22nd to 23rd Dec, 2008
11)	Workshop on Microsoft .NET	Microsoft and BITES, at Srinivas Institute of Technology, Valachil, Mangalore		5th to 7th March, 2009
12)	Lecture workshop on Nanoscience and Technology	IAS, INSA and NAS, at Yenepoya University Campus, Mangalore		23rd to 24th March, 2009
13)	Workshop on JEE technology	AIMIT, St Aloysius College, Mangalore		11th to 12th Nov, 2010
14)	Recent Trends in Image Processing and Machine Learning based on Mathematical Modeling	S.D.M. College of Engineering and Technology, Dharwad		17th to 18th Feb, 2017

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15)	Examination Reforms Workshop	AICTE and Chitkara University, Chandigarh, Punjab		08 th to 10 th July, 2021
16)	Designing and Modelling of IOT, AI and ML Systems	AICTE and Arm Education and STMicroelectronics		01 st to 05 th August, 2022
17)	J2EE	NIIT, Bangalore		5th May, 2006
18)	Storage Technology Foundations	EMC Global Service Technical Training, Bangalore		15th Dec, 2006
19)	Deep Learning Onramp	MathWorks		31 May 2021
20)	Deep Learning with MATLAB	MathWorks		11 June 2021
21)	Machine Learning with MATLAB	MathWorks		27 May 2021
22)	Introduction to Internet of Things	NPTEL-AICTE		July – Oct 2021
23)	IP Awareness / Training Program	Intellectual Property Office, India		June 09 2022
24)	Artificial Intelligence for COVID-19 Recognition	IEEE North Karnataka Subsection		05 Feb 2022
25)	Cyber Security: Managing Risk in the Information Age	Dr B R Ambedkar National Institute of Technology Jalandhar		October 12 - 16, 2022
26)	IoT Induced Artificial Intelligence for Emerging Computing Paradigms	Dr B R Ambedkar National Institute of Technology, Jalandhar		04-08 October, 2022
27)	Research challenges and application in Visual Intelligence	School of Electronics and Communication Engineering, KLE Technological University, Hubballi		21st Nov 2022 to 29th Nov 2022
28)	Learning Python for Data Analysis and Visualization	Udemy		Nov 21 2022
29)	Object Oriented System Development using UML, Java and Patterns	NPTEL		Jan – Apr 2023

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1.3. MembershipofNationalandInternationalProfessionalBodies/Organisations			
S.N.	NameofProfessional Body/Organization	Place	MembershipCategory
a)	IFERP Membership	Bangalore	
b)	InternationalAssociationofEngineers(IAENG)	HongKong	
1.4. TechnicalPapers/BooksPublishedinNational/InternationalEvents/Journals			
a)	Shivashankar, S., Kudari, M., & Hiremath, P. S. (2017, December). Texture Representation Using Galois Field for Rotation Invariant Classification. In <i>2017 13th International Conference on Signal-Image Technology & Internet-Based Systems (SITIS)</i> (pp. 237-240). IEEE.		
b)	Shivashankar, S., Kudari, M., & Hiremath, P. S. (2018). Galois Field-based Approach for Rotation and Scale Invariant Texture Classification. <i>International Journal of Image, Graphics and Signal Processing (IJIGSP)</i> , 10(9), 56-64.		
c)	Shivashankar, S., Kudari, M., & Hiremath, P. S. (2018). A Galois Field based Texture Representation for Face Recognition. <i>International Journal of Applied Engineering Research</i> , 13(18), 13460-13465.		
d)	Shivashankar, S. & Kudari, M., (2018, December): Scale Invariant Texture Representation using Galois Field for Image Classification. In <i>International Conference on Recent Trends in Image Processing and Pattern Recognition 2018</i> , Solapur University.		
e)	Shivashankar, S. & Kudari, M., (2019, March): Offline Signature Verification using Galois Field based Texture Representation. In <i>1stInternational Conference on Machine Learning, Image Processing, Network Security and Data Sciences(MIND 2019)</i> , National Institute of Technology, Kurukshetra		
f)	Shivashankar S., Kudari M., Hiremath S.P. (2021) Offline Signature Verification Using Galois Field-Based Texture Representation. In: Verma G.K., Soni B., Bourennane S., Ramos A.C.B. (eds) <i>Data Science. Transactions on Computer Systems and Networks</i> . Springer, Singapore. https://doi.org/10.1007/978-981-16-1681-5_17		
g)	Kudari, M., Shivashankar, S., & Hiremath, P. S. (2020). Illumination and Rotation Invariant Texture Representation for Face Recognition. <i>International Journal of Computer Vision and Image Processing (IJCVIP)</i> , 10(2), 58-69.		
h)	Samarth Kulkarni, Anupama S N, Medha Kudari,(Sept-Dec 2022), “Congregation of News in a Digitized World using News Angle”, <i>Journal of Computer Science Engineering and Software Testing</i> , 2022		
i)	Sakshata Hinasgeri, Medha Kudari, Anupama S N, “Process Automation of Sugarcane in the Sugar Industry”, <i>Journal of Computer Science Engineering and Software Testing</i> , Sept-Dec 2022		
j)	Shivani Kittur, Anupama S Nandeppanavar, Medha Kudari, Laxmi Pujari, “Automation of Dairy Farm for Effective Cattle Management”, <i>Journal of Web Development and Web Designing</i> , Sept-Dec 2022		
k)	Sanjay Garag, Anupama S Nandeppanavar, Medha Kudari, “Cancer disease prediction using machine learning algorithms”, <i>International Journal of Scientific Research in Computer Science and Engineering</i> , Dec 2022		

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l)	Manjunath Naikar, Anupama S Nandeppanavar, Medha Kudari, “Lumpy Skin Disease Detection using GUI based Deep Learning Model in Cattle”, International Conference on Ubiquitous Computing and Intelligent Information Systems, September 1-2, 2023
m)	Veena Kumashi, Anupama S Nandeppanavar, Medha Kudari, “Kidney Disease Classification”, International Conference on Artificial Intelligence and Data Science, October 27-28, 2023.
n)	Medha Kudari, Anupama S Nandeppanavar, Preeti Hiremath, “Deep Learning Approach for Fruits Classification”, International Conference on Artificial Intelligence and Data Science, October 27-28, 2023.
o)	Medha Kudari, Anupama S Nandeppanavar, Spandana Suzan Korrapaty, “Vegetable Classification using Deep Learning Approach”, IEEE North Karnataka Conference, November 19-20, 2023

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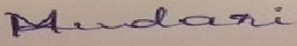
1.5.	Languageskills(abilityto)	Speak	Read/Write
		Kannada	Kannada
		Hindi	English
		English	Hindi
		Konkani	
2.	EmploymentInformationandProfessionalExperiencetilldate(providelatesttofirst).		
2.1.	EmploymentInformation:		
a)	Jobtitle	AssistantProfessor	
	Employer	KLEInstituteofTechnology	
	Dates(from to)	28-12-2020 to till date	
	Responsibilities	ISO coordinator	
b)	Jobtitle	AssistantProfessor	
	Employer	Global Academy of Technology, RR Nagar, Bengaluru	
	Dates(from to)	07/Sep/2020 to 17/Dec/2020	
	Responsibilities	--	
c)	Jobtitle	AssistantProfessor	
	Employer	KLE Institute of Technology, Gokul Road, Hubballi	
	Dates(from to)	13/Aug/2019 to 07/Jul/2020	
	Responsibilities	Association coordinator	
d)	Jobtitle	Lecturer	
	Employer	P.C. Jabin ScienceCollege, Vidyanagar,Hubballi	
	Dates(from to)	02/Jul/2012 to 31/Mar/2015	
	Responsibilities	--	
e)	Jobtitle	AssistantProfessor	
	Employer	St. Aloysius Institute of Management and Information Technology, St. Aloysius College, Mangalore	
	Dates(from to)	03/Jul/2006to 30/May/2012	
	Responsibilities	CIE coordinator, Placement coordinator	
2.2.	PublicService&VolunteerWork		
a)			
b)			
2.3.	Otherprofessionalachievementssuchasawards,specialskills,etc.		

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a)	Women Welfare Committee - coordinator	
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3.	Anyotherinformation	
3.1.	Strengths	Image Processing, Programming, GoodLearnerand Team player
4.	Generalinformation	
4.1.	Name	Medha Kudari
4.2.	Gender	Female
4.3.	Nationality	Indian
4.4.	Dateofbirth	27-02-1982
4.5.	Contactaddress	H.No. 24, 3 rd Cross, Renuka Nagar, Gokul Road, Hubballi 580030
4.6.	Phone/mobilenumber	9448801627
4.7.	Email	medha.k27@gmail.com

02-11-2023	Dr.Medha Kudari	
Date		Signature