

KLE Institute of Technology, Hubballi 580 027  
Faculty Profile



**Name: Dr. Kumar Swamy V.**

<b>1. Educational, professional qualifications, and trainings</b>					
<b>1.1. Educational Qualification (from highest to basic)</b>					
<b>S.N.</b>	<b>Degree</b>	<b>University / College</b>	<b>Discipline</b>	<b>Year of Passing</b>	<b>Class obtained</b>
a)	Ph.D.	VTU	Electrical and Electronics Engg. Sciences	2021	--
b)	M.Tech	VTU/BVBCET	Digital Electronics	2009	FCD
c)	BE	VTU/VEC	Electrical and Electronics Engg	2006	FC
<b>1.2. Training programmes attended</b>					
<b>S.N.</b>	<b>Subject Area of Training</b>		<b>Organization</b>	<b>Place</b>	<b>Period / Duration</b>
a)					
b)					
c)					
<b>1.3. Membership of National and International Professional Bodies/Organisations</b>					
<b>S.N.</b>	<b>Name of Professional Body/Organization</b>		<b>Place</b>		<b>Membership Category</b>
a)	IEEE- # 95198611		Bangalore		Professional
b)	Institute of Engineers M-157094-8		Kolkata		Life Member
c)	International Association of Engineers- 256349		Hong Kong		Life Member
d)	Bharatiya Shiksha Mandal, Hubballi Zilla		India		Life Member
<b>1.4. Technical Papers/Books Published in National / International Events / Journals</b>					

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a)	<p>1. LatteM.V., Kumar Swamy. V., and Anami.B.S., (2013), "A performance-based features selection for automatic identification of bone X-ray images", <i>Int. J. Biomedical Engineering and Technology</i>, Vol. 12, No.3, pp 252- 276.</p> <p>2. Kiran B. Malagi, V. Kumar Swamy, B. S. Anami (2016), "A Novel Method for Attainment Measurement of CO's and PO's for Tier-II Institutions", <i>Journal of Engineering Education Transformation (JEET)</i>, Vol 29, Spl Issue.</p> <p>3. Latte.M.V., Kumar Swamy. V., and Anami.B.S.,(2016), "Behavior of Certain Wavelets in Classification of Orthopaedic Images of Different Modalities", <i>International Journal of Signal Processing, Image Processing and Pattern Recognition</i>, Vol. 9 Issue: 12, pp 185-198.</p> <p>4. Jagadeesh Pujari, J.C. Karur, Shashidhar Hugar, Kumar Swamy V(2016), "A Combined Graph and Texture Based Approach for Recognition of Animal Contour Images of MPEG-7 Database", <i>International Journal of Signal Processing, Image Processing and Pattern Recognition</i>, Vol. 9 Issue: 02, pp 340- 354.</p> <p>5. Jagadeesh Pujari, J.C. Karur, Shashidhar Hugar, Kumar Swamy V(2017), "A Graph Theoretic Approach for the Identification of Objects Shape Taken from MPEG-7 Database", <i>International Journal of Signal Processing, Image Processing and Pattern Recognition</i>, Vol. 10 Issue: 03, pp 11-30.</p> <p>6. LatteM.V., Kumar Swamy V., and Anami. B. S., (2021), " A novel feature set for bone fixator classification from post-operative X-ray images", <i>Int. J. Medical Engineering and Informatics</i>, Vol. 13, No.1, pp 24-34.</p> <p>7. B. S.Anami and Kumar Swamy V., (2021), " A novel feature set for bone fixator classification from post-operative X-ray images", A Novel Convolutional Neural Network Model for Musical Instruments' Classification: A Deep Signal Processing Approach" in IEEE International Conference on Intelligent Technologies held during June 25-27, 2021. 978-1-7281-8583-5/21/\$31.00 ©2021 IEEE</p>		
1.5.	<b>Language skills (ability to)</b>	<b>Speak:</b>	<b>Read / Write</b>
		Kannada	Kannada
		English	English
		Hindi	Hindi
		Telugu	
<b>2.</b>	<b>Employment Information and Professional Experience till date</b> (provide latest to first).		
<b>2.1.</b>	<b>Employment Information</b> (Provide information in the following order: Job title, Employer, Dates (from – to), Responsibilities, highlight the work undertaken that best illustrates capability to handle the tasks assigned).		
a)	Job title	Assistant Professor	
	Employer	KLEIT	
	Dates (from – to)	01-08-2009	
	Responsibilities	Handling Theory and Practical courses for Undergrad students. University assignment to conduct: Examination, Evaluation and Question Paper setting. Institute Level NBA Co-Ordinator Department Level NBA Co-Ordinator Research Activity: Article publishing, research proposal writing	
<b>2.2.</b>	<b>Public Service &amp; Volunteer Work</b>		
a)	--		
<b>2.3.</b>	<b>Other professional achievements such as any awards, special skills, etc.</b>		
a)	Delivered a talk on "Comprehension and Implementation of Image Classification Using CNN Through MATLAB" in ATAL scheme held in RYMEC, Ballari		

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b)	Kumar Swamy.V, “Edge preserving wavelet based multisensor image fusion”, <i>IEEE symposium</i> , IEEE Bangalore section, was awarded as <b>Best Paper of Image Processing Session</b> , Bangalore, 2009.	
c)	Delivered a talk on “Quantum Supremacy” in IEI-Dharwad Local Chapter	
d)	<b>NPTEL certification course on 'Medical Image Analysis'</b> was completed with E-lite grade of 71% which is <b>certified by IIT Kharagpur</b> in March 2017.	
e)	Guided a UG Project named AUTOMATIC PACKING MACHINE USING EMBEDDED SYSTEM has won cash prize of Rs. 5000/- in <b>36th SERIES OF STUDENT PROJECTS PROGRAMME: 2012-2013</b> sponsored by <b>KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY</b> .	
f)	Guided a UG Project named "Recognition of Osteoporosis through CT Images" was selected for <b>37th SERIES OF STUDENT PROJECTS PROGRAMME: 2013- 2014</b> organized by <b>KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY</b> .	
g)	Delivered a talk on “ <b>OBE and NBA</b> ” in nearby Engineering colleges.	
<b>3.</b>	<b>Any other information</b>	
3.1.	<b>Strengths</b>	Strong Alumni Network
<b>4.</b>	<b>General information</b>	
4.1.	Name	Mr. Kumar Swamy V.
4.2.	Gender	Metro
4.3.	Nationality	Indian
4.4.	Date of birth	17-07-1984
4.5.	Contact address	Flat: 07, Shree Raghavendra Apartment, Apoorva Nagar, Gokul Road, Hubballi-30
4.6.	Phone / mobile number	+919964049409
4.7.	Email	kumarswamy.vadla@kleit.ac.in

24-07-2021	Kumar Swamy V.	
Date	Full name	Signature