

## PROFILE

Name	Praveen Kumar K C
Position & Affiliation	Assistant Professor, Department of ECE
Areas of Interest	Image Processing, Signal Processing.
Email	Praveenkumarkc.ece@cambridge.edu.in
LinkedIn ID	<a href="https://www.linkedin.com/in/praven-kumar-j-078ba698/">https://www.linkedin.com/in/praven-kumar-j-078ba698/</a>
Google Scholar ID	<a href="https://scholar.google.com/citations?view_op=list_works&amp;hl=en&amp;authuser=1&amp;user=Un3mksoA">https://scholar.google.com/citations?view_op=list_works&amp;hl=en&amp;authuser=1&amp;user=Un3mksoA</a>
Orchid ID	<a href="https://orcid.org/0009-0008-4324-9347">https://orcid.org/0009-0008-4324-9347</a>
Vidwan ID	566471
Scopus ID	
Professional Webpage (if any)	

### Educational Qualifications:

Ph.D	Mohan Babu University	India	Pursuing
MTech	Cambridge Institute of Technology, VTU	India	2014
BE	East Point College of Engineering and Technology, VTU	India	2011

**Areas of Research:** Image Processing, AI techniques

### Brief Profile: (write about yourself)

**Mr. Praveen Kumar K C** is an Assistant Professor in the Department of ECE. His academic interests include Embedded Systems, Image Procassing, Signal Processing, Microcontroller and Verilog. In addition to his interest in academics, he also focuses on research in the area of Image Processing. He also has worked on Arduino programming, Embedded C programming, Xilinx and Matlab. He has worked on various VGST, VTU TEQIP, VTU-COE projects and Private projects consultation work.

He holds a B.E. degree in ECE from Visvesvaraya Technological University and an M.Tech degree in ECE from the Visvesvaraya Technological University ,and currently pursuing Ph.D under Mohan Babu University. He has participated in various workshops and faculty development programs held by various colleges. He has conducted workshop on PCB design , Introduction to Embedded system and verilog, Matlab Signal Processing toolbox.

He has around 11 years of teaching experience and is associated with Cambridge Institute of Technology from 2023,

Guided B.E. and M.Tech students in their seminars and project dissertations.

**Awards/Achievements/Others:** 2nd place in National Level Student Conference with paper titled “Non linear transfer based local approach for color image enhancement”.

**Courses Taught:** Basic Electronics, Verilog HDL, Microcontroller, Microprocessor, Digital Communication, Analog Communication, Information Theory and Coding.

**Publications/Patents:**

Publications	<p><i>Praveen kumar K C, G.Srinivasalu, 2014, July. Color Image Enhancement using Nonlinear Transfer Functions. In SRI VENKATESHWARA COLLEGE OF ENGINEERING AND TECHNOLOGIES (SVCE), 2014 International Conference on Networking , information &amp; Communications-2014 (ICNIC 2014).</i></p> <p><i>Praveen Kumar K C, Radhamani R, Hemavathi N V, Deepthi Chamkur, have presented the paper on “Enrichment of color Image Using Random Transfer Functions” International Journal of Emerging Technologies and Innovative Research, ISSN:2349-5162, VOL.8,ISSUE8, AUGUST-2021. Organized by EPCET, Bangalore.</i></p> <p><i>Praveen kumar K C, Dileep kumar Y , have submitted the paper on “Plant diseases Detection using Various AI based Techniques”.</i></p>
Patents	<p>Application No: 202241052647 A Title: An intelligence IOT augmented reality based framework for health monitoring system Status: Published.</p>
Book/Book Chapters	

**Research and Consultancy:**

