




Kammavari Sangham (R) 1952, K. S. Group of Institutions
K. S. SCHOOL OF ENGINEERING & MANAGEMENT

No.15, Mallasandra, Off. Kanakapura Road, Bengaluru-560109
 Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi, **Accredited by NAAC**

Faculty Name	RAVIKIRAN B. A.	<div>Photo</div> 
Designation	Assistant Professor	
Educational Qualification	BE (ECE) MS (Electrical Engineering)	
Experience in Years	Teaching: 11.5 Yrs Industry: 0.5 Yrs	
Areas of Interest	Digital Signal Processing, Machine Learning, Biomedical Signal Processing, Embedded Systems	
Subjects Taught	Digital Signal Processing, Digital Image Processing, Engineering Statistics and Linear Algebra, Multimedia Communications, Signals and Systems	
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EDUCATIONAL DETAILS:-

Examination / Degree	College/University	Year of Passing
BE	AMC Engineering College (VTU)	2005
M. S	University of Maine, Orono	2009
PH.D	Registered	

PUBLICATIONS:-

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Journal Publications:

- Karthik, P, **Ravikiran, B.A.**, Suresh Krishnappa, Manu, D.K., Gopalakrishna Murthy C.R, "Parallel processing for using a shared memory in a network with the help of context switching semaphore using self-healing approach", *International Journal of Applied Engineering Research.*, 2015, pp. 30371-30392.

Conference Papers :

- **B. A. Ravikiran**, Sneha, V. Bhavana, S. Brunda, T. S. Murali, S. Puneeth, "A wireless based patient monitoring system using Android technology," *2015 International Conference on Applied and Theoretical Computing and Communication Technology (iCATccT)*, Davangere, 2015, pp. 39-44.
- Smitha T.K, **Ravikiran B.A.**, Karthik P. and Mondal T.K., "Design and Implementation of Control of

Solid State Relay Switches using MSP 430 for Instantaneous high current supply," *2015 International Conference on Green Computing and Internet of Things (ICGCIoT)*, Noida, 2015, pp. 474-479.

- P. Karthik, B. M. Kumar, **B. A. Ravikiran**, K. Suresh and G. Toney, "Implementation of visible light communication (VLC) for vehicles," *2016 International Conference on Advanced Communication Control and Computing Technologies (ICACCCT)*, Ramanathapuram, 2016, pp. 673-675.

Professional Membership

- IEEE Member (No. 80695567)
- ISTE Member (LM-94780)

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