



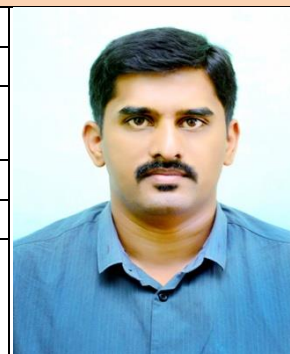
P.E.S. College of Engineering, Mandya - 571401

(An Autonomous Institution, affiliated to VTU, Belagavi)

Faculty Profile

General

Name	Santhosh Babu K C
Designation,	Assistant Professor
Department & Affiliated Institution	Department of Electronics and Communication Engineering, P.E.S College of Engineering, Mandya – 571 401
Research Area	VLSI DESIGN (FinFET Technology)
Contact Number	+91 9742023963
Email ID	santhosh03babu@gmail.com



Academic Profile

Educational Qualifications

Degree	College	University	Year of Passing	% ge	Class
Ph. D				-	-
M. Tech	SJBIT, Bengaluru	VTU	2010	73.5	FCD
B.E	PESCE, Mandya	VTU	2008	62.3	FC

Professional Experience

Organization and Department	Designation	Period	Total Experience
PESCE- MANDYA	ASSISTANT PROFESSOR	19/04/2017-till date	6 YEARS 3 MONTHS
VVIET- MYSURU	ASSISTANT PROFESSOR	12/08/2016-18/04/2017	8 MONTHS
PESCE- MANDYA	ASSISTANT PROFESSOR	06/08/2013-11/05/2016	2 YEARS 9 MONTHS
KSIT, Bangalore	ASSISTANT PROFESSOR	27/07/2011-31/12/2012	1 YEARS 5 MONTHS
SRSIT, Bangalore	LECTURER	27/07/2010-26/07/2011	1 YEAR

Reports on Academic and Research Activities

Academic Activities

Teaching Records (Details of courses taught)	<u>Undergraduate:</u> Digital Design Using Verilog, Digital Electronics Circuits, Algorithm for VLSI Physical Design Automation, Digital Design using Verilog, Digital CMOS VLSI design, VLSI Testing and Verification, Control Systems, Microelectronics Circuits, Error Control Coding, Information Theory and Coding, Fundamentals of Electronics, CMOS VLSI Design, <u>Post Graduate (M. Tech):</u> CMOS VLSI Design, Low Power design
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Research Guidance (Candidates Awarded / Pursuing Ph.D / M.Sc., Engg./ M.Phil)

Degree	Ph. D.	M.Sc., Engg.	M.Phil
Awarded	Nil	Nil	Nil
Pursuing	Nil	Nil	Nil

Sponsored Research Projects (List of Projects taken up /completed and funds receiver & funding sources)

Project Title	Project Funded by	Grants Sanctioned	Grants Received
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Research Publications in Refereed Journals and Conferences/Symposia

Number of Publications in	National	International
Journals	00	04
Conferences/Symposia	00	01

Other Important Responsibilities Held in the College

1. Hostel Warden (VSVM)	4. Alumni affairs coordinator
2. IIC Coordinator	5. ECE- MOOC Coordinator
3. ECE-Sports coordinator	

LIST OF PUBLICATIONS

1. Rakshith Kumar B, Santhosh Babu K C, “Design of Five Port Router for 3x3 Mesh Network Using Verilog”, *International Journal for Research in Applied Science & Engineering Technology*, ISSN: 2321-9653, Volume 9, Issue VI, June 2021, page 5486-5491.
2. Santhosh Babu K C, Kavya S. (2020). “Gabor Filter Design Using Vedic Mathematics”, *International Journal of Latest Trends in Engineering and Technology*, Vol. (16), Issue (1), pp.069-073.
3. Santhosh Babu K C, Dr. A M Vijaya Prakash. (2020), “Relative Analysis of Carry Skip Adder Using 28T, 10T & 8T Full Adders”, ICEECS, *TEST Engineering & Management Journal*. ISSN: 0193-4120, Volume 82, Page No. 145-153.
4. Rohith M N, Santhosh Babu K C, Lokesh B S (2018), “Quick Response Code Based TTS Conversion”, *Journal of Research in Electrical Circuits and Systems*, Volume 3 Issue 1, Page 1-9
5. Santhosh Babu K C, Rohith M N. (2017) “Automatic Sensing and Alerting System of Speed Bumps in Speeding Motor Vehicles”, *International Journal for Scientific Research & Development*, Vol. 5, Issue 10, pp. 227-230, ISSN (online): 2321-0613.