

Banda Srikanth
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Department of ECE
University College of Engineering (KU)
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Academic Qualifications:

Examination / Degree	Name of the Board/University	Month & year of award of the degree	Division	% of Marks
SSC	Board of Secondary Education, Hyderabad	March 1999	First Class	75.66%
Intermediate	Board of Intermediate Education.	March 2001	First Class	61.1%
Under Graduate B. Tech. (ECE)	Jawaharlal Nehru Technological University, Hyderabad	July 2005	Second Class	54.88%
Post-Graduate M. Tech. (VLSI)	IIT KHARAGPUR	June 2008	First class with Distinction	7.51 (CGPA)
P.hD	IIT DHANDBAD	Pursuing	---	---

Professional Experience:

Organization	Designation	Period
Kakatiya University, Telangana	Assistant Professor	01-05-2010 to Till Date
CVSR College of Engineering.	Assistant Professor	24-05-2009 to 30-04-2010

Area of Research:

- Instrumentation in Underground Coal Mining
- Digital VLSI Design
- Microprocessor and Microcontrollers
- Embedded Systems

Awards/ Rewards:

- Secured the GATE rank of **ALL INDIA 454** in the year 2006.

Subjects taught:

- CVSR College of Engineering, Hyderabad.
Microprocessor and Microcontroller, Digital Electronics and VLSI Design.
- University College of Engineering (Kakatiya University), Kothagudem
Basic Electronics, Microprocessor and Microcontroller, Digital Electronics, Digital system Design and VLSI Design.

Software proficiency:

- CAD TOOLS
- MASAM
- Arduino IDE

Academic/Administrative Experiences at Kakatiya University:

Designation	Department	Date of actual joining	
		From	To
Departmental Committee Member	Engineering	15-11-2012	14-11-2013
BoS Member	ECE	26-03-2013	28-08-2015
Joint Director	Hostel	09-10-2013	08-12-2016
University Representative	Max institute of Pharmaceutical Sciences	30-01-2014	29-01-2016
BoS Member	ECE	29-08-2015	27-09-2016
BoS Member	ECE	27-09-2016	27-09-2018
VC Nominee	SRRRVKRM College	24-04-2017	24-04-2019
DC Member-Convener	Mining	20-08-2018	20-08-2019
Chairperson	ECE	10-12-2018	10-12-2020
DC Member	Mining	11-10-2019	11-10-2021
M.Tech, Co-Ordinator	Mining	27-01-2020	---
VC Nominee & Member	UCE, KTDM	22-05 -2020	---

Publications:

a) International Journals

- 1) **Banda Srikanth**, Kumar, H., & Rao, K. U. M. (2017). “Issues, Challenges and Techniques in WSN for Performance Enhancement in Underground Coal Mining”. Global Journal of Research in Engineering.
- 2) **Srikanth, B.**, Kumar, H., & Rao, K. U. M. (2018). “A robust approach for WSN localization for underground coal mine monitoring using improved RSSI technique”. Mathematical Modelling of Engineering Problems, 5(3), 225-231. (**SCOPUS**)
- 3) **Srikanth, B.**, Kumar, H., & Rao, K. U. M. (2019). “Secure and QoS Aware Fuzzy Logic Based Routing for Underground Coal Mine Monitoring”. International Journal of Grid and Distributed Computing, 12(1), 11-30. (**ESCI**)

b) National Journals

- 1) **Banda Srikanth**, Kumar, H., & Rao, K. U. M. (2017). “Embedded System Applications for Slope Stability Monitoring in Open-PIT Highwalls-An Appraisal”. The Indian Mining and Engineering


(**BANDA SRIKANTH**)