



ROOPA K R

Assistant Professor

Experience (Teaching and Industry)

RNSIT (2022- till date)
DBIT (2008-2022)

Qualifications

B.E. from KVGCE, Sullia.
M.Tech. from TMITS, Hyderabad.

Specialization (Academics)

Microcontrollers
VLSI
DSP
Embedded systems
Signals & systems

Specialization (Research)

VLSI TESTING

Publications

- Presented a Technical paper entitled “An Extremely Low Power 2ghz Cmos Lc Vco For Wireless Communication Application” during 2011 held at Electrical & Electronics Department, DBIT.
- Presented a Technical paper entitled “Design of Ultra Low Power circuit & Considerations for Ultimate Cmos scaling ” during 2012 held at Electrical & Electronics Department, DBIT.
- Presented a Technical paper entitled “A Novel Cryptographic Technique Using Hash Functions” for NCRTC during 2013 held at Tele Communication Department, DBIT.
- Presented a Technical paper entitled “Wireless Communication through Intel X-Scale Application Platform” for NCRTC during 2013 held at Tele Communication Department, DBIT.
- Published a Paper entitled “Smart street lightening using Pizeo Electric Technique ” in Book chapter SpringerLink “**Proceedings of the International Conference on Cognitive and Intelligent Computing**” eBook ISBN 978-981-19-2350-0