



VETRIKANI R

ASSISTANT PROFESSOR

DEPARTMENT OF EEE

PROFILE

- Fully registered and qualified teacher with 12 Years of teaching experience in the department of Electrical and Electronics Engineering.
- Completely committed to the sharing of knowledge amongst colleagues and with students.
- Subjects Handled: Basic Electrical Engineering, Field Theory, High Voltage Engineering, Electric Circuit Analysis etc.,

CONTACT & LINKS

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EDUCATIONAL QUALIFICATIONS

B.E (EEE) – Vivekanandha College of Engineering for Women, Thiruchengode – 2006 Batch

M.E (VLSI Design) – Muthayammal Engineering College, Rasipuram – 2010 Batch

PROFESSIONAL EXPERIENCE

Teaching Experience: 12 Years

Industry Experience: NIL

Total Experience: 12 Years

INSTITUTION/DEPARTMENT RESPONSIBILITIES

- EPECT – Quiklrn Department SPOC.
- Mentor.
- Exam Committee Member.
- Department Test coordinator.
- Department Timetable Coordinator.

RESEARCH AREA/SPECIALISATION/ RESEARCH GRANTS/ PROJECTS IF ANY

Specialization: VLSI Design

Research Interest: VLSI Design, Biomedical Signal Processing, Biomedical Image Processing, Machine Learning.

ACHIEVEMENTS/ACCOMPLISHMENTS/AWARDS/RECOGNITION/GUEST LECTURES DELIVERED

- Delivered Guest Lecture on “Effective Communication”, at Vivekanandha College of Engineering for Women in 2020.
- Organised one day Tech Fest in Sept 2013.

PUBLICATIONS/PATENTS/BOOKS

- 1) VETRIKANI R, “Automatic Star Delta Starter using Relays and Adjustable Electronic Timer”, 3rd National Conference on Recent Advancements in Electrical and Electronics Technology (RAEET -2018), K.G.F, 21st May 2018.
- 2) VETRIKANI R, “ Diagnosis of Epilepsy – A Systematic Review”, 2017 IEEE sponsored 3rd International Conference on Biosignals, Images and Instrumentation (ICBSII2017), Chennai, March 2017. <https://ieeexplore.ieee.org/document/8082300>.
- 3) R VETRIKANI, “Numerical Simulation of Characteristics of NWMOSFET”, International Journal of Applied Engineering Research (IJAER), Special Issue, Volume 10, No.9 (2015), pp. 8811-8814, March 2015. <http://www.ripublication.com/Volume/ijaerv10n9spl.htm>
- 4) R VETRIKANI, “Numerical Simulation of Characteristics of NWMOSFET”, International Conference on Engineering Technology and Science (ICETS’15), Rasipuram, March 2015.
- 5) R VETRIKANI, “A Two Dimensional Numerical Modeling of Nanowire MOSFET for Nanoscale Devices”, 2nd National Conference on Signal Processing, Communications and VLSI Design (NCSCV’10), Coimbatore, May 2010.

ASSOCIATION WITH PROFESSIONAL BODIES

PROFESSIONAL COURSES COMPLETED