

CURRICULUM VITAE

Ravulakari Kalyan, M.Tech, (Ph.D.)
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Carrier Objective

I look forward to associate myself with an organization where there is an opportunity to share challenging avenues, where my educational potential matches organization's growth, to carve a niche for myself to contribute and upgrade my knowledge.

Research Experience

Full-time **Research Scholar** at “**National Institute of Technology-Tiruchirappalli (NIT-T)**”, Trichy-620015, Tamilnadu from 2016 to 2022

Teaching Experience

worked as **Assistant Professor** at “**Vaagdevi College of Engineering**, Bollikunta, Warangal for one year (June 2015- July 2016)

worked as a **Adhoc Faculty** at **NIT Warangal** for 6 months (dec-2014- may-2015)

Industrial Experience

Worked as a **project Engineer** at **Sai Enviro Engineers Private Ltd.** Erragadda, Hyderabad for six months (Feb-July,2012)

Worked as a **Site Engineer** at **Anusha Engineering works**, kukatpalli, Hyderabad for six months (Sep 2011-Jan 2012)

EDUCATIONAL DETAILS

Qualification	Name of the Institution	Name of the University	Duration	Percentage
Ph.D.	National Institute of Technology-Tiruchirappalli (NIT-T), Trichy-15	NIT, Tiruchirappalli	2016 to 2022 (Thesis correction)	8.5(CGPA) First semester
M.Tech (Power Engineering)	Sri Indu College of Engineering and Technology, Ibrahimpatanam, Rangareddy Dist	JNTUH, Hyderabad	2012-2014	77.94%
B.Tech (EEE)	B.V.Raju Institute of Technology, Narsapur, Medak Dist	JNTUH, Hyderabad	2007-2010	66.99%
Diploma (EEE)	S.R.R.S. Govt. Polytechnic, Siricilla, Karimnagar Dist.	S.B.T.E.T., Hyderabad	2004-2007	72.13%
Xth	Adharsha Vidhyalam H.S., Huzurabad, KarimNagar	S.S.C.	2003-2004	80.16%

Technical Skills

- Better knowledge of **Matlab/Simulink**.
- Good knowledge of **Typhoon HIL** real time simulator
- Knowledge of **PSCAD**
- Knowledge of **Labview**
- Knowledge in **Latex** software

Publications

- R.kalyan, M.Venkata Kirthiga, P.Raja. “**Coordinate control of grid power, battery SoC and LVRT protection in single VSC tied DFIG**” in Distributed generation & Alternative energy journal (Accepted)
- R.kalyan, M.Venkata Kirthiga. “**Grid connected Single VSC based DFIG Control Topologies in WEECS: A Review**”. 34th National convention of production engineers and National seminar on Emerging Technologies in Power Sector Equipment Manufacturing May 25-26, 2019. (Best paper award)
- Ravulakari Kalyan, J. Rakesh Sharan, M. Shiva Kumar. “**Fuzzy logic control based PMSM drive by using SVPWM**” in IJPES, Vol 3, Issue 3, SEP 2014.

Subject Taught

Circuit Theory, Control systems, Electrical Machines (AC/DC), High voltage engineering

Workshops/Trainings:

- **Sitrain Training on AC/DC real time drives in siemens COE** in Tiruchirappalli during 2017-2018 in NIT
Inside NIT Tiruchirappalli
- Digital Controllers for Power applications
- GIAN Course on “SiC Devices Enabled Power Converters Applications- Opportunities and Challenges”
- Work shop on “Solar Photo Voltaic System Design and MPPT Implementation” in NIT Trichy.
- GIAN Course on Intelligent Electrical Power grids
Outside NIT Tiruchirappalli
- Short term training programme on “Microgrid and Renewable Energy Technologies(MRET)” in IIITDM ,Kancheepuram, Chennai.
- Power quality enhancement in DG opportunities and Challenges. BHEL, Trichy, IEI Local Centre.
- Work Shop on “Advanced Softwares for Power System Simulation” in NIT Warangal.

Achievements:

- Recipient of PhD fellowship (2016 to 2021) Post Graduate scholarship (2012-14) from MHRD, Government of India
- Qualified **GATE -2012, GATE-2016**
- Done a **live project on substation** for a lower voltage rating. Demonstration given by our team to Dr. APJ Abdul Kalam in BVRIT behalf of NBA accreditation in BVRIT

Declaration

I hereby declare that the details furnished above are true to the best of my knowledge and belief.

Place: Tiruchirappalli

Date: 15-02-2022

R. Kalyan