



SIDDHARTHA

ACADEMY OF HIGHER EDUCATION

(Deemed to be University u/s 3 of UGC Act, 1956)

M L N Vital



Designation : Assistant Professor
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Contact at : Department of Electrical and Electronics Engineering,
Velagapudi Ramakrishna Siddhartha School of Engineering
Siddhartha Academy of Higher Education
Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

Ph. D (Pursuing Electrical Engineering)

2019, National Institute of Technology (NIT), Raipur.

M.Tech (Power Electronics and Drives)

2010, Vellore Institute of Technology, VIT Vellore.

B. Tech (Electrical and Electronics Engineering)

2008, Jawaharlal Nehru Technological University, Hyderabad.

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2010-Till date	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College.	

Research Interests

Broad Area of Research:

Multilevel Inverters, Solar PV inverters, DC-DC converters.

Honors and Awards

- NIL
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Courses Taught

S. No	Course Name	Level (UG/PG)
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1	Electrical Machines-I (DC Machines)	UG
2	Electrical Machines-II (Transformers and Induction Motors)	UG
3	Electrical Machines-III (Synchronous and Special Machines)	UG
4	Electrical Measurements	UG
5	Transmission and Distribution of Power Systems	UG
6	Power Electronics	UG
7	Electrical Drives	UG
8	Solar Photovoltaics	UG
9	Advanced Power Electronics	PG
10	Digital Controllers	UG
11	HVDC	PG
12	FACTS	UG

Research Profile

Publications

The recent publications and research contributions can be viewed from the following URLs

Google Scholar	https://scholar.google.com/citations?user=PIdrpM4AAAAJ&hl=en&oi=ao
Scopus	https://www.scopus.com/feedback/author/reviewAuthorProfile.uri?authorIds=57208109742
ORCID	https://orcid.org/my-orcid?orcid=0009-0001-9722-0266
dblp	
Publons	
Research Gate	
LinkedIn	https://www.linkedin.com/in/mln-vital-311329269/

Recognized Research Supervisor

S.No.	Department	University
01.	NIL	
02.		
03.		
04.		

Funded Research Projects

S.No.	Type	Title	Status	Funding Agency	Amount (INR)	Duration
01.	R&D under the National Perspective Plan (NPP)	Silicon Carbide Solutions for Next-Generation PV Inverters: Addressing Leakage and Efficiency Through Advanced Design	Applied	Central Power Research Institute (CPRI)	60 Lakhs	2 Years

Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities
1	Lab in charge	V R S E C	2013-till data	Procuring the required equipment in the lab.
2	Department Mooc's Coordinator	V R S E C		Department Mooc's Coordinator

Certifications/MOOC Courses Completed

S. No.	Title	Platform	Duration	Year
1.	Power systems	NPTEL	12 weeks	2018-19
2.	AI FOR EVERYONE	Coursera	8 weeks	2019-20

Consultancy / Industry Projects

Completed	NIL
On-going	NIL
Applied	NIL

Patents

S.No	Title	Status	Application No.	Year
1.	NIL			

Ph. D

Awarded	NIL
Guiding	NIL

Invited Talks

No. of Invited Talks	00
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Professional Service / Reviewer

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Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	10
International / National Level Seminars	10
International / National Level Conferences	4/1
Workshops	9
Instructor-Led / Self-Paced Courses	1
Webinars	5

Professional Bodies Membership Details

S. No.	Membership No.	Society Name
1.	M-1817390	Institute of Engineers

(Your Name & Signature with Date)
