CURRICULUM VITAE

Prof : GANGASINGH.K. PARMAR

Assistant Professor

Electrical Engineering Department

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CAREER OBJECTIVE :

To obtain a challenging and responsible position in professionally managed organization. I am looking forward for an opportunity where I can utilize my expertise and skills in contribution to the organization and also further improve my personal skills.

ACADEMIC PROFILE:

QUALIFICATION	SPECIALIZATION	INSTITUTION	YEAR OF PASSING	Percentage
M.TECH	Power Electronics	TKRCET Autonomous Institution, Hyderabad,JNTUH.	2020	77.3 %
B.E	Electrical Engineering	NCET College of Engineering and Technology,RTMNU.	2016	70%
H.S.C	Electronic	M.GJunior Science College ,Armori, NagpurUniversity.	2010	66%
S.S.C	English	Dr.B.A High School ,Armori , Nagpur University.	2008	72%

SOFTWARE PROFILE:

COURSE	AutoCad , PLC , HMI,Panel Designing,C++,C-Programming,
TOOLS	MS-OFFICE, MS-EXCEL
SIMULATION SOFTWARE	MATLAB, SCI-LAB

PROFESSIONAL EXPERIENCE:

SR.NO	INDUSTRY	DESIGNATION	DATE OF JOINING	DATE OF LEAVING	REGULAR
1)	G.S.Mandal's Maharashtra Institute of Technology Aurangabad (Autonomous)	Assistant Professor	18th Sep 2023	Uptill Date	Adhoc
2)	International Center of Excellence in Engineering and Management (ICEEM) Aurangabad	ASSISTANT PROFESSOR	29 Jan 2023	Uptill Date	Regular
3)	Jagadambha College of Engineering and Technology (JCOET)Yavatmal	ASSISTANT PROFESSOR	4 Aug 2022	27 Jan 2023	Adhoc

4)	LORDS INSTITUTE OF ENGINEERING AND TECHNOLOGY HYDERABAD	ASSISTANT PROFESSOR	10 Nov 2021	30 June 2022	Regular
5)	GANDHI ENGINEERING COLLEGE BHUBANESHWAR	ASSISTANT PROFESSOR	9 Feb 2021	25 Oct 2021	Regular
6)	TOOL TECH TOOLING INDUSTRY AURANGABAD	SUPERVISIOR	20 May 2019	5 Feb 2021	Regular

PROJECT UNDERTAKEN:

M.TechProject :"**Fuzzy Based Power Quality Improvement By Using Shunt Hybrid Active Power Filter**"

Description :Power is generated from renewable and nonrenewable energysources. The generated power has to be utilized for the many industrial load, commercial load and domestic load which are readily available. In supplying to the load the Power is fed from the grid. The changes in the load impact on the grid in such a way fluctuations in voltage and current which impact to the power quality.

The Varying load will draw more voltage and current for that purposes voltage has to be injected in the supply line for reactive power compensation. There are many techniques available in literature from that

shunt hybrid active power filter is one of the most promising technique. It is connected between the grid and load and configuration constitutes of inverter, inductor, capacitor with the combination of controllers.

The controllers plays a vital role in this configuration by generating successive firing pulses to the inverter switches. There are many controllers available in which in this project proportional integral (PI) is used initially to generate gating pulses to the inverter switches. Further to attain enhanced performance Fuzzy Logic Controller is applied to get reduced harmonics. This project work is carried out in MATLAB/Simulink environment.

B.E Project: " **Wireless Automatic Meter Reading**"

Description :Automatic meter reading is the technology of automatically collecting consumption, diagnostic, and status data from water meter or energy metering devices (gas, electric) and transferring that data to a central database for billing, troubleshooting, and analyzing. This technology mainly saves utility providers the expense of periodic trips to each physical location to read a meter. Another advantage is that billing can be based on near real-time consumption rather than on estimates based on past or predicted consumption. This timely information coupled with analysis can help for both utility providers and customer better control the use and production of electric energy, gas usage, and water consumption.

TECHNICAL QUALIFICATION:

- ❖ Knowledge in MS-Excel, MS-Word, MS-Power Point.
- ❖ Knowledge in MATLAB & Simulink.
- ❖ Knowledge in Electrical Designing, PLC

IN –FIELD TRAINING

Done 15 days Industrial Training at 10 MW Bio-Mass based Power Plant in AA Energy LTD.

PROFESSIONAL ACHIEVEMENTS:

- ❖ Participated and Successfully Completed One Day Faculty Development Program on Dated 2/28/2024 on **"FDP on MICROGRID SYSTEM DESIGN and SIMULATION Using HOMER PRO and HOMER GRID SOFTWARE."** of HOMER Energy by UL,USA in association with M/S DELLSOFT Technologies Pvt.Ltd . New Delhi.

- ❖ Participated and Successfully Completed One Day Faculty Development Program on Dated 3/15/2024 on **"FDP on Power system design and analysis using Digsilent powerfactory Software."** of Digsilent Gmbh, Germany in association with M/S DELLSOFT Technologies Pvt.Ltd . New Delhi.

- ❖ Participated and Successfully Completed One Day Faculty Development Program on Dated 3/01/2024 on "**FDP on Automation System Design and Simulation using Automation Studio Softwa."** of M/S Famic Technologies INC,Canada in association with M/S Dellsoft Technologies Pvt.Ltd.New Delhi.

- ❖ Participated and Successfully Completed Five Days National Faculty Development Program on Dated 15th April to 19th April 2024 on "**GenAI and Prompt Engineering using Microsoft Copilot** Organized by P B Siddhartha College of Arts and Science , Department of CSE(DS)-Saraswati College of Engineering & CMR College of Engineering & Technology in Collaboration with Excelr Edtech Pvt.ltd.

- ❖ Participated and Successfully Completed Five Days National Faculty Development Program on Dated 22th April to 26th April 2024 on " **Improving 21st Century teaching skills using technological tools"** organized by Sinhgad academy of Engineering,Kondhwa(Bk),Pune -411048 in collaboration with CASIO.

- ❖ Participated and Successfully Completed Five Days State Level Faculty Development Program on Dated 21st May to 25th May 2024 on **"IOT on CLOUD Platform"** Organized by MVPS's Rajshri Shahu Maharaj Polytechnic,Nashik.

- ❖ <u>Participated and Successfully Cleared the Assessment on</u> **" Certified Hyperledger Developer**" Aligned to Competency Standards developed by IT-ITes Sector Skills Council NASSCOM in Collaboration with Industry and Approved by Government .

- ❖ Participated and Successfully Completed Five Days Paid Faculty Development Program on Dated 3rd June to 08th June 2024 on **"Python 3.4.3 "** Organized by Maharashtra Institute of Technology Chh.Sambhaji nagar (Aurangabad) with course material provided by Spoken Tutorial project , IIT Bombay.

- ❖ Paper Presented and Attended Eternal Scientific Publications a paper entitled **" A Fuzzy Logic Controller (FLC) and Dynamic Voltage Regulator (DVR) Based Power Quality Improvement in Transmission Line by Using Active & Passive Power Filter"** in the International Conference on Inspiring Innovations in Engineering , Technology and Management 2023[ICI²ETM-23] **Organized by International Center of Excellence in Engineering and Management (I.C.E.E.M) Aurangabad on 17th and 18th Feb 2023.**

- ❖ Paper Presented and Attended Eternal Scientific Publications a paper entitled **"Blind IQA: A Natural Scene on Statistical Approach in the DCT Domain"** in the International Conference on Inspiring Innovations in Engineering , Technology and Management 2023[ICI²ETM-23] **Organized by International Center of Excellence in Engineering and Management (I.C.E.E.M) Aurangabad.**

- ❖ Paper Presented and Attended Eternal Scientific Publications a paper entitled **"Image Fusion Based on Absolute Maximum Fusion Rule Using Biorthogonal Wavelet Transform** " in the International Conference on Inspiring Innovations in Engineering , Technology and Management 2023[ICI²ETM-23] **Organized by International Center of Excellence in Engineering and Management (I.C.E.E.M) Aurangabad**

- ❖ Participated in One day Faculty Development Training Program **on " Cyber Security –New Perspectives"** Organized by **International Center of Excellence in Engineering and Management (I.C.E.E.M) Aurangabad in 8 Feb 2023.**

- ❖ Participated in One day Faculty Development Training Program on **" CBCS-NEP Executors Faculty Development Program** " Organized by **Sant Gadge Baba Amravati University (S.G.A.B.U) and Jawaharlal Darda Institute of Engineering and Technology (J.D.I.E.T) , Yavatmal held during 17th Sep 2022.**

- ❖ Participated AICTE-ISTE approved Orientation Refresher Programme on **" Recent Trends in Electrical Vehicles"** held during 17.02.2022 to 23.02.2022 Organized by **Vardhman College of Engineering, Shamshabad , Hydrebad, Telangana.**

- ❖ Participated in One day National Level Workshop On **" Constant Professional Self Improvement And Lifelong Learning Importance"** Organized by **Electrical and Electronic Engineering Department of Gandhi Engineering College BPUT University Bhubaneswar Odisha held during 13th March 2021.**

- ❖ Participated In NATIONAL CONFERENCE (NCRASEM) On **" DRUG ADDICTION A MAIN PROBLEM OFINDIAN SOCIETY IN CURRENT SCENARIO".**

- ❖ Published a Paper in**Global Journal of Engineering Education (GJEE)** of Title **" A Fuzzy Based Power Quality Improvement By Using Shunt Hybrid Active Power Filter".**in 2018.
- ❖ Participated National Level Workshop Organised by Priyadarshini College of Engineering Nagpur,**"AEROMODELLING WINGS".**
- ❖ Participated in 15 DAYS Campus Recruitment Training **"Bravura Career Academy".**
- ❖ Attended Personality Development Training in **NamdeoraoPoreddiwar College of Engineering and Technology (NPCET).**
- ❖ Completed 15 days Industrial Training In**THERMAL POWER PLANT.**

ACADEMIC ACHIEVEMENTS:

1) Appointed as a Examination Incharge under Dr. Babasaheb Ambedkar Marthwada University Examination Cell of ICEEM to be held From 13/06/2023 to 30/06/2023.
2) Appointed as a Digital Marketing CO-Ordinator.
3) Appointed as a Industrial Visit CO-Ordinator .
4) Appointed as a College and Electrical and Electronics Engineering Event , College Magazine , College Academic Calendar, Co-Ordinator.
5) Appointed as a Training and Placement (TPO) Co-ordinator.

ACADEMIC AWARDS :

- ❖ **DISTRICT LEVEL CHAPMION** of the Holy – Faith Scholarship Exam at Carmel High School Gadchiroli .
- ❖ **DISTRICT LEVEL TOPPER** in Master of MathExamination .

- ❖ **MR. NPCET AWARD ACHIEVED**in NamdeoraoPoreddiwar College of Engineering and Technology Gadchiroli ,Maharashtra

- ❖ **<u>NPCET COLLEGE LEVEL PAPER PRESENTATION AWARD ACHIEVED</u>**in NamdeoraoPoreddiwar College of Engineering and Technology Gadchiroli ,Maharashtra
- ❖ **<u>RCERT COLLEGE LEVEL GROUP DISCUSSION AWARD ACHIEVED</u>**inRajiv Gandhi College of EngineeringResearch and Technology Chandrapur, Maharashtra.
- ❖ **<u>AWARD ACHIEVED IN ROBOTICS CAR RACE</u>**

<u>PERSONALSTRENGTH:</u>

- Excellent Teaching Skills
- Organized and Well –Structured at work
- Flexible and Adaptable in nature
- Cooperative approach while working with team
- Determined and Dedicated in wor
- Good Motivational Skills

<u>Subjects Taught:</u>

- AC Machines (ACM)
- Electrical Drives (ED)
- Electrical Machine Design (EMD)
- Testing and Maintenance of Electrical Equipment (TMEE)
- Basic Electrical and Engineering (BEE)

<u>Labs Taught:</u>

- Power Electronics Laboratory
- Basic Electrical Simulation Lab
- Electrical Circuits and Simulation Lab

<u>PERSONAL PROFILE:</u>

Name   :   **GANGASINGH .K.PARMAR**

Date of Birth   :   **3 -11-1992**

Father's Name	:	KISHORSINGH.G.PARMAR
Mother's Name	:	SHARYU.K.PARMAR
Sex	:	Male
Religion	:	Hindu
Marital Status	:	Unmarried
Languages Known	:	English , Hindi and Marathi
Nationality	:	Indian
District	:	Gadchiroli
State	:	Maharashtra

DECLARATION:

I the undersigned, certify that to the best of my knowledge and belief, this bio-datacorrectly describes myself, my qualification and experience

Date :

Place :

(Gangasingh.K.Parmar)