

# CURRICULUM VITAE

**NAIYER MUMTAZ**

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## CONTACT

### Permanent Address:

S/O Mumtaz Husain  
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### Present Address:

Naiyer Mumtaz  
Department of EEE  
C.I.T Tatisilwai Ranchi  
Pin-835103  
Mob- 8409026408

## OBJECTIVE

Seeking to handle increasing responsibility and challenging assignments that provide ample opportunities to harness my technical skills, knowledge and achieve recognition in the field of electrical engineering.

## ACADEMIC QUALIFICATIONS

Name of Examination	Subject	University/Board	Marks	Division/ Class
Ph. D	Modeling and analysis of off-grid hybrid renewable energy system for rural areas	AISECT University, Bhopal	-----	Pursuing
ME	Power Electronics	B.I.T Mesra	71.30%	1 <sup>st</sup>
BE	Electrical Engineering	Ranchi University	64.22%	1 <sup>st</sup>
Class XII	PCM	J.I.E.C Ranchi	60.20%	1 <sup>st</sup>
Class X	General	J.S.E.B. Ranchi	61.00%	1 <sup>st</sup>

## TECHNICAL EXPERIENCE

Experience: - (11 Months in Industry and 4.7 years in Teaching)

- Working in **Cambridge institute of Technology, Ranchi** from June 2012 to till date with a Designation of **Assistant Professor (Electrical and Electronics Department)**.
- Worked in **IT Technology** from June 2009 to July 2010 with a designation **Maintenance Engineer**.

## **WORK EXPERIENCE**

- Worked as a HOD of EEE Department at CIT, Ranchi.
- TEQIP In-Charge of EEE Department at CIT, Ranchi.
- Lab In-charge of Basic electrical Lab, Circuit theory Lab, EMI Lab and Electrical Machine Lab at Cambridge Institute of Technology, Ranchi.
- Worked as Assistant Editor of In-house Magazine Aakanksha of CIT, Ranchi.
- Organized one day seminar of different topics of Electrical Engineering.

## **AREA OF INTEREST**

- Electrical Machine
- Basic Electrical Engg.
- Control System
- Digital Signal Processing
- Power Electronics
- Circuit Theory
- Network Synthesis
- EMI
- Project work.

## **COMPUTER PROFICIENCY**

- Languages: C
- Matlab ,Microcontroller, Simulink,
- PLC
- MS Office and Excel

## **PROJECT EXPERIENCE**

- Design a Rectifier Transformer.
- A wireless speed control of an induction motor using PLC.
- Home Automation using microcontroller.
- Electronic Eye Controlled Security system.

## **JOURNAL & PAPER PUBLISHED**

- Published a paper on “Power Quality Problems and Control methodologies in smart Grid” at VSRD International Journal of Electrical & Electronics Engineering. (ISSN: 2319-2232, in VOLUME V Issue III).

- Published a paper on “Design, Control and Simulation for Integrated Photovoltaic Array in Matlab” at VSRD International Journal of Electrical & Electronics Engineering. (ISSN: 2319-2232, in VOLUME V Issue VIII).
- Published a paper on “Smart Grid Technologies and future Motivators Influencing change in the Electricity sector” at BIOSPECTRA an International Biannual Refereed Journal of Life Sciences. (ISSN: 0973-7057, in VOLUME 11(2), pp 01-158).
- Published a paper on “Wireless speed control of an induction motor” at IJSRT Vol-2 (2016). DOI: 06. 2016/ISSN No-2454-9800.
- Published a paper on “The Vision of a Smart City” at BIOSPECTRA an International Biannual Refereed Journal of Life Sciences. (ISSN: 0973-7057, in VOLUME 11(2), pp 01-158).
- Published a paper on “City of Our Dreams” at BIOSPECTRA an International Biannual Refereed Journal of Life Sciences. (ISSN: 0973-7057, in VOLUME 11(2), pp 01-158).

## **QUALITY IMPROVEMENT PROGRAMS**

- Attended a workshop on “DSP based Real Time Control” at B.I.T Mesra Ranchi from 13-16 Sept 2010.
- Participated in one week Staff Development programme under TEQIP at C.I.T. Ranchi from 18-23 Feb 2013.
- Participated in two week faculty development program under ISTE on “Control System” Conducted by I.I.T. Kharagpur from 2<sup>nd</sup> Dec to 12 Dec 2014.
- Participated one week faculty development program on “Intelligent Computational Technique & Application” in B.I.T Mesra Ranchi Sponsored by Jharkhand Council of Science & Technology Ranchi from 23-27 Nov 2015.
- Participated in two days TEQIP Sponsored Training Programme on “Pedagogy” at C.I.T. Ranchi from 23-25 March 2015.
- Participated in one week STC programme on the topic of “Next Generation Electronics” under TEQIP Conducted by C.I.T. Tatisilwai from 14 -18 September 2015.
- Participated in three days Industry institute Interaction seminar “IIS - 2016” at C.I.T. Ranchi from Jan 28 to Jan 30 2016.
- Participated in one week STC programme on the topic of “Power electronics with micro grid” under NAMPET Conducted by V.N.I.T. Nagpur from 6 -10 April 2016.

- Participated in two days TEQIP Sponsored National Seminar on “Smart City & its Impact on Environment & Urban Ecosystem” at C.I.T. Ranchi from 24-25 June 2016.
- Participated in one week STC programme on the topic of “AEET” under NAMPET Conducted by M.A.N.I.T. Bhopal from 26 -30 September 2016.
- Participated in Three days National workshop on the topic of “Recent Trend in Manufacturing and Welding Technology” under TEQIP-II Conducted by C.I.T. Ranchi from 19-21 October 2016.

## **CONFERENCE**

- Presented a research paper on the topic “A wireless speed control of an induction motor” in the national seminar on held on 19<sup>th</sup> and 20<sup>th</sup> Feb 2016 at CIT, Ranchi (Jharkhand).
- Presented an article on the topic “Convergence of Science and Technology (NSCST-2016)” held on 19<sup>th</sup> and 20<sup>th</sup> Feb 2016 at CIT, Ranchi(Jharkhand)
- Presented a research paper on the topic “Hybrid Solar– Wind Power generation System- A Review” in the 5<sup>th</sup> International conference on Automation and Information Technology in Iron & Steel making: Vision 2025 (AITISM 2016) held on 26<sup>th</sup> and 27<sup>th</sup> Nov 2016 at Ranchi (Jharkhand).

## **MEMBERSHIP**

- Life time member of IAENG, International Association of Engineers.

## **TRAININGS ATTENDED**

- T.T.P.S Lalpaniya , Bokaro
- RDCIS Ranchi

## **OTHER ACTIVITIES & HOBBIES**

- Playing Cricket.
- Book reading.

## **STRENGTHS**

- Highly organized and dedicated with a positive attitude

- Good grasping skills, self – motivated and willingness to learn
- Have leadership quality.

## **PERSONAL DETAILS**

Mother's Name: Roohi Nazra  
Father's Name: Mumtaz Husain  
DOB:-16-10-1986  
Sex:-Male  
Marital Status: - Single  
Nationality: - Indian  
Language Known:-Hindi, English, Urdu

## **REFERENCE**

**Prof Dr. T.Ghose**  
**Prof. & Research Dean**  
Dept. Of EEE,  
BIT Mesra, Ranchi,  
Contact Number: - 09431382772

## **DECLARATION**

All the above information mentioned above are true and correct according to my knowledge and belief.

Date:-

Place:-Ranchi

Naiyer Mumtaz