# Curriculum Vitae

## Mrs.Nida Yasmeen

Assistant Professor
[Polytechnic,ECE], [MANUU]
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LinkedIn/Google Scholar: [Insert link]

## Career Summary

Assistant Professor with 10 years of teaching in ECE. Expertise in analog and digital design. Proven record of guiding students and contributing to academic and administrative responsibilities.

*Possess 10+ years of professional experience as Electronics & Communication Engineering Assistant Professor*

*JUNE 2014 – Till Date*

- Handled the tasks of establishing the course structure, content of Labs & grading policies.
- Upgrading Academic syllabus of ECE and inclusion of subjects (viz. HDL Lab, VLSI technology, Basic Electrical Engg.) helpful for students in pursuing higher education as well as placements.
- Preparation of Lab Manuals in Urdu and preparation of subject notes in Urdu.
- Establishment of HDL lab for 5th Semester students which helps them in designing Digital Circuits.
- Encouraging students to enhance Oratory & Presentation skills by conducting seminars, technical festival.
- Performed the duties of Incharge Head of the Dept. (ECE) for a period of 1 year.
- Performed other tasks as assigned by HOD.
- Performed duties of Academic coordinator and attendance coordinator for two years.
- Participated in various staff sports and ended up being the runner up and the semifinalist.
- Performed duties as department mentor for the students.
- Presently member of Internal Complaints Committee and also Polytechnic library committee member.
- Along with actively participating in the departmental and university activities, I have also upgraded myself by earning PG certification course in AI/ML from IIITH and pursuing PhD from NITW in 2025.

## Educational Qualifications

Ph.D. (Pursuing) – [Analog Mixed signal IC design], [NIT Warangal], [2023]
M.Tech/M.E. – [VLSI design and Embebbed systems], [Osmania University], [2013]
B.Tech/B.E. – [ECE], [Osmania university], [2011]


## Certification:

-PG Certification program in Artificial Intelligence and Machine Learning from Outreach Division of IIIT Hyderabad.

-NDLI Workshop – Artificial Intelligence & Machine Learning Applications in Engineering – 4 March 2025

-NDLI Workshop – Awareness on Distractions & Improving Concentration – 27 Sept 2023

- Completed 5-Day FDP on *Inculcating Universal Human Values in Technical Education* organized by AICTE (18–22 July 2022)

- Completed Online One Week FDP on *Advanced Pedagogical Techniques* (Ramanujan College, University of Delhi) – Grade A+ (25 June–01 July 2022)

- Completed One Week FDP on *Advanced Pedagogy* conducted by BSNL RTTC, Hyderabad (08–14 Feb 2021)

- Successfully completed STRIDE Research Methodology Workshop (17–21 August 2020)

## Professional Experience

Assistant Professor, [Polytechnic, ECE], [MANUU], 2014–Present

- Taught Polytechnic courses including Civil, CSE, IT(service subjects)

- Designed and guided laboratory sessions in Verilog programming, digital electronics and Electronics devices and circuits, Linear integrated circuits, Fundamentals of electrical and electronics engineering.

- Mentored Polytechnic students in projects and industrial training.

- Coordinated academic committees such as [Curriculum Development, Exam Cell, NAAC,].

- Contributed to departmental growth by organizing Student Induction Programs

- Conducted Campus Visit activity as part of Deeksharambh Student Induction Programme 2021

- Served as Counting  & Poling Officer during MANUU Students' Union Election 2022-23

## Research & Publications

-Published a paper in an International journal entitled as "Approach For Optimized Timing Of Error Correcting Unordered Codes" International Journal of Engineering Trends and Technology(IJETT)

- **Paper Presentation – National Conference (2025)**
Presented paper titled:
**"Optimization Techniques for Analogue Circuit: A Review"**
at One Day National Conference on *Emerging Technology and its Role in Sustainable Development,*MANUU Polytechnic, Darbhanga – 27 February 2025

Current research: automation of analog mixed signal design Layout

## Professional Memberships

- IEEE

## Additional Roles in University

- Member- Examination Committee & class monitoring committee -polytechnic [2016],
-**Polytechnic Anti-Ragging cum Disciplinary Committee Member (2017)**
- Coordinator, [Polytechnic SIP-21] & convener [Polytechnic SIP-25].
-Internal Complaints Committee (ICC) Member -2026

## Technical Skills

- Cadence
- Skill language cadence
- Python
- Xilinx
- Power BI
- AI/ML
- MS Office & Academic Reporting

## Government Pledge & Social Commitments

- Integrity Pledge – Central Vigilance Commission
- Say Yes to Life, No to Drugs – Narcotics Control Bureau
- Fit India Pledge – Ministry of Youth Affairs & Sports

**Department Activities:**

| Semester | Activity |
|---|---|
| 1$^{st}$ & 2$^{nd}$ / 2014-15 | **Lab Incharge of Digital Electronics Lab (CSE) (CM-307)** |
| 1$^{st}$ / 2014-15 | **Collecting Internal Theory and Practical Marks for ECE dept.** |
| 1$^{st}$ / 2014-15 | **Polytechnic Admission Counseling - Fee Collection Committee Member** |
| 1$^{st}$ / 2014-15 | **MHRD - All India Survey on Higher Education - Collection of Staff Members Details** |
| 1$^{st}$ / 2014-15 | **Semester End Exams - Paper Evaluation** |
| 1$^{st}$ / 2014-15 | **Semester End Exams - Invigilation Duty** |
| 1$^{st}$ / 2014-15 | **Semester End Exams - Lab Practical** |
| 1$^{st}$ / 2014-15 | **Industrial Visit to BSNL Bhavan** |
| 1$^{st}$ / 2014-15 | **Semester End Exams – Paper Setting** |
| 2$^{nd}$ / 2014-15 | **Lab Incharge of Digital Electronics Lab (CSE) (CM-307)** |
| 2$^{nd}$ / 2014-15 | **Semester End Exams - Paper Evaluation** |
| 2$^{nd}$ / 2014-15 | **Semester End Exams - Invigilation Duty** |
| 2$^{nd}$ / 2014-15 | **Semester End Exams - Lab Practical** |
| 1$^{st}$ / 2015-16 | **Lab Incharge of Electronic Circuits-I Lab (EC-306)** |
| 1$^{st}$ / 2015-16 | **Attended Seminar on Lab View (Department wise)** |
| 1$^{st}$ / 2015-16 | **Class Monitoring Committee Member (ECE Dept.)** |
| 1$^{st}$ / 2015-16 | **Semester End Exams - Paper Evaluation** |
| 1$^{st}$ / 2015-16 | **Semester End Exams - Invigilation Duty** |
| 1$^{st}$ / 2015-16 | **Semester End Exams - Paper Setting** |
| 2$^{nd}$ / 2015-16 | **Preparation of Lab Manuals in Urdu for ECE Dept. (2 Nos.)** |
| 2$^{nd}$ / 2015-16 | **Lab Incharge of Electronic Circuits-II Lab (EC-406)** |

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|---|---|
| 2<sup>nd</sup> / 2015-16 | **Semester End Exams - Paper Evaluation** |
| 2<sup>nd</sup> / 2015-16 | **Semester End Exams - Invigilation Duty** |
| 2<sup>nd</sup> / 2015-16 | **Semester End Exams - Paper Setting** |
| 2<sup>nd</sup> / 2015-16 | **Semester End Exams - Lab Practical** |
| 1<sup>st</sup> / 2016-17 | **Lab Incharge of Electronic Circuits-I Lab (EC-306)** |
| 1<sup>st</sup> / 2016-17 | **Polytechnic Anti-Ragging cum Disciplinary Committee Member** |
| 1<sup>st</sup> / 2016-17 | **Semester End Exams - Paper Evaluation** |
| 1<sup>st</sup> / 2016-17 | **Semester End Exams - Invigilation Duty** |
| 1<sup>st</sup> / 2016-17 | **Semester End Exams - Paper Setting** |
| 1<sup>st</sup> / 2016-17 | **Semester End Exams - Lab Practicals** |
| 2<sup>nd</sup> / 2016-17 | **Lab Incharge of Electronic Circuits-II Lab (EC-406)** |
| 2<sup>nd</sup> / 2016-17 | **Polytechnic Anti-Ragging cum Disciplinary Committee Member** |
| 1<sup>st</sup> / 2016-17 | **Polytechnic Examination Committee Member** |
| 2<sup>nd</sup> / 2016-17 | **Semester End Exams - Paper Evaluation** |
| 2<sup>nd</sup> / 2016-17 | **Semester End Exams - Invigilation Duty** |
| 1<sup>st</sup> / 2017-18 | **Lab Incharge of Digital Electronic Lab (EC-308)** |
| 1<sup>st</sup> / 2017-18 | **Semester End Exams - Invigilation Duty** |
| 1<sup>st</sup> / 2017-18 | **Semester End Exams - Paper Setting** |
| 1<sup>st</sup> / 2017-18 | **Semester End Exams - Lab Practicals (2 Nos.)** |
| 2<sup>nd</sup> / 2017-18 | **Lab Incharge of Digital Electronics Lab (EC-308)** |
| 2<sup>nd</sup> / 2017-18 | **Semester Exams - Paper Evaluation** |
| 2<sup>nd</sup> / 2017-18 | **Semester End Exams - Invigilation Duty** |

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| 2<sup>nd</sup> / 2017-18 | **Industrial Visit to C-DAC, shadnagar** |
| 2<sup>nd</sup> / 2017-18 | **Semester End Exams - Lab Practical** |
| 2<sup>nd</sup> / 2017-18 | **Special Exams - Invigilation Duty** |
| 1<sup>st</sup> / 2018-19 | **Lab Incharge of Digital Electronics Lab (EC-308)** |
| 2<sup>nd</sup> / 2018-19 | **Semester End Exams - Paper Evaluation** |
| 2<sup>nd</sup> / 2018-19 | **Semester End Exams - Paper Scrutiny** |
| 2<sup>nd</sup> / 2018-19 | **Semester End Exams - Invigilation Duty** |
| 2<sup>nd</sup> / 2018-19 | **Semester End Exams - Lab Practical** |
| 2<sup>nd</sup> / 2018-19 | **Lab Established - HDL Lab** |
| 1<sup>st</sup> / 2019-20 | **Lab Incharge of Digital Electronics Lab (DPEL302PCP)** |
| 1<sup>st</sup> / 2019-20 | **Lab Incharge of HDL Lab (DPEL502PCP)** |
| 1<sup>st</sup> / 2019-20 | **Semester End Exams - Paper Evaluation** |
| 1<sup>st</sup> / 2019-20 | **Semester End Exams - Invigilation Duty** |
| 1<sup>st</sup> / 2019-20 | **Semester Exams - Paper Setting** |
| 1<sup>st</sup> / 2019-20 | **Special End Exams – Paper Setting** |
| 1<sup>st</sup> / 2019-20 | **Semester End Exams - Lab Practicals (2Nos.)** |
| 1<sup>st</sup> / 2019-20 | **Special Exams - Invigilation Duty** |

| Semester | Activity |
|---|---|
| 2<sup>nd</sup> / 2019-20 | **Lab Incharge** |
| 2<sup>nd</sup> / 2019-20 | **Class coordinator** |
| 2<sup>nd</sup> / 2019-20 | **Semester End Exams - Paper Evaluation** |
| 2<sup>nd</sup> / 2019-20 | **Semester End Exams - Invigilation Duty** |

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|---|---|
| 2<sup>nd</sup> / 2019-20 | **Semester End Exams - Lab Practical** |
| **1<sup>st</sup> / 2020-21** | **Lab Incharge** |
| 1<sup>st</sup> / 2020-21 | **Class coordinator** |
| 1<sup>st</sup> / 2020-21 | **Semester End Exams - Paper Evaluation** |
| 1<sup>st</sup> / 2020-21 | **Semester End Exams - Invigilation Duty** |
| 1<sup>st</sup> / 2020-21 | **Semester End Exams - Paper Setting** |
| 2<sup>nd</sup> / 2020-21 | **Semester End Exams - Paper Evaluation** |
| 2<sup>nd</sup> / 2020-21 | **Semester End Exams - Invigilation Duty** |
| 2<sup>nd</sup> / 2020-21 | **Semester End Exams - Paper Setting** |
| 2<sup>nd</sup> / 2020-21 | **Semester End Exams - Lab Practical** |
| **1<sup>st</sup> / 2021-22** | **Lab Incharge** |
| 1<sup>st</sup> / 2021-22 | **Semester End Exams - Paper Evaluation** |
| 1<sup>st</sup> / 2021-22 | **Semester End Exams - Invigilation Duty** |
| 1<sup>st</sup> / 2021-22 | **Semester End Exams - Paper Setting** |
| 1<sup>st</sup> / 2021-22 | **Semester End Exams - Lab Practicals** |
| 2<sup>nd</sup> / 2021-22 | **Lab Incharge** |
| 2<sup>nd</sup> / 2021-22 | **Academic co-ordinator** |
| 2<sup>nd</sup> / 2021-22 | **Class co-ordinator** |
| 2<sup>nd</sup> / 2021-22 | **Semester End Exams - Invigilation Duty** |
| 2<sup>nd</sup> / 2021-22 | **Semester End Exams - Paper Setting** |
| 2<sup>nd</sup> / 2021-22 | **Semester End Exams - Lab Practicals** |
| **1<sup>st</sup>/ 2022-23** | **Lab Incharge** |
| 1<sup>st</sup>/ 2022-23 | **Academic co-ordinator** |

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|---|---|
| 1st/ 2022-23 | **Class co-ordinator** |
| 1st/ 2022-23 | **Semester End Exams - Invigilation Duty** |
| 2nd / 2022-23 | **Semester End Exams - Paper Setting** |
| 2nd / 2022-23 | **Semester End Exams - Lab Practicals** |
| 2nd / 2022-23 | **Lab Incharge** |
| 2nd / 2022-23 | **Classs co-ordinator & academic co-ordinator** |
| 2nd / 2022-23 | **Semester End Exams - Lab Practical** |
| 2nd / 2022-23 | **Special Exams - Invigilation Duty** |
| 1st & 2nd / 2023-24 | **Lab Incharge** |
| 1st & 2nd / 2023-24 | **Semester End Exams - Paper Evaluation** |
| 1st & 2nd / 2023-24 | **Semester End Exams - Paper Scrutiny** |
| 1st & 2nd / 2023-24 | **Semester End Exams - Invigilation Duty** |
| 1st & 2nd / 2023-24 | **Semester End Exams - Lab Practical** |
| 1st & 2nd / 2024-25 | Lab Incharge |
| 1st & 2nd / 2024-25 | **Semester End Exams - Paper Evaluation** |
| 1st & 2nd / 2024-25 | **Semester End Exams - Invigilation Duty** |
| 1st & 2nd / 2024-25 | **Semester End Exams - Lab Practicals (2Nos.)** |