



Sri Y. N. College (Autonomous) Faculty Profile

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|--------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Name | SRIDEVI BONTHU |
| Designation | LECTURER |
| Department | ELECTRONICS |
| Faculty Unique ID | 450017 |
| Address | flat no 201 and 202, nagaraju peta, gayathri nagar, surya residency apartment Palakollu West Godavari Andhra Pradesh India, 534260 |
| Mobile | 09392067015 |
| Email | sridevimtech018s@gmail.com |
| DOB | 21-08-1985 |
| DOJ | 28-07-2025 |
| Experience | 08 years 5 months |



Educational Qualifications

| Degree | University / Institution | Year |
|------------------------------------|------------------------------------------------------------------------|------|
| M.Tech in Communication Systems | Andhra University /S.R.K.R.Engineering College (A), Bhimavaram | 2016 |
| B.Tech (ECE) | JNTUK / Swarnandhra College of Engineering & Technology (A), Narasapur | 2010 |
| Diploma (DECE) | SBTET/Smt.B.Seetha Polytechnic College, Bhimavaram | 2006 |
| SSC | Board of Secondary Education/ SunShine School, Narasapur | 2000 |
| Others-Quality Assurance & QS 9000 | National Institute of Labour Education & Management/ NILEM | 2004 |
| Others | Hindi Pandit Grade-I | 2001 |

Career Profile

| Designation | Institution | Duration |
|---------------------|-----------------------------------------------------------|------------------------|
| Assistant Professor | SRI YNM.College (A), Narasapur | 2025 till present..... |
| Assistant Professor | D.N.R.College of Engineering & Technology (A), Bhimavaram | 2019 to 2025 |
| Assistant Professor | D.N.R.Degree College (A), Bhimavaram | 2019 to 2025 |
| Assistant Professor | S.K.K.R.Engineering College (A), Bhimavaram | 2017 to 2019 |

Administrative Assignments

| Role Performed | Institution | Duration |
|----------------|-------------|----------|
| ----- | ----- | --- |

Academic Focus

| Focus Area / Description |
|--------------------------|
| ----- |

Courses Taught

| Course Name | Level / Semester |
|------------------------------------------------------------------|---------------------------------|
| S&S ,EDC, STLD,AC,PDC,EMWTL,NA | II Year B.Tech (ECE) |
| AWP,MPMC,DC | III Year B.Tech (ECE) |
| OC, DIP | IV Year B.Tech (ECE) |
| EDC | II Year B.Tech (EEE) |
| DLD | IV Year B.Tech (CSE) |
| EDC & Circuit Theory, DE, AC, DLD,MCS,ES, CE,DC,FE&E ,EC,CMC, MP | Degree colleges for three years |

Research Activities

| Research Topic | Description | Year |
|----------------|-------------|-------|
| ----- | ----- | ----- |

Publications — Book Chapters

| Title | Publisher / Book | Year |
|-------|------------------|-------|
| ---- | ----- | ----- |

Publications — Journal Papers

| Title | Journal / Vol | Year |
|-------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------|
| “Study and Analysis of Various Noise Models and Models and Efficient Noise Removal on Digital Images” | ZKG International. Volume III, Issue II | September 2018 |
| "Estimating the channel uplink capacity of a CR based central access MIMO Network | IJARIT. Volume 4, Issue 2 | March to April -2018 |
| “ Design of Patch Array Antenna For Future 5G Applications”. | ELSEVIER SSRN IJIEMR. Volume 11, Issue 12. | 7th December 2022 |

Publications — Presentations

| Title | Conference / Event | Year |
|-------|--------------------|-------|
| ----- | ----- | ----- |

Awards

| Award / Distinction | Year |
|----------------------------------------------------------------------|-----------|
| Received appreciation in many quiz competitions through certificates | 2020-2021 |

Memberships

| Organisation | Role / Membership |
|--------------------------------|-------------------|
| D.N.R Degree (A),Bhimavaram | BOS/ Member |
| SRI YNM College (A),Bhimavaram | BOS/ Member |

Other Activities

| Activity | Details |
|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Home Automation Using Bluetooth B.Sc. Final Year Project, Dept. of Electronics, D.N.R. College (2021–2022) | Designed a Bluetooth-controlled home automation system for operating household appliances wirelessly. Guided by: Mrs. B Sridevi, Dept. of Electronics, D.N.R. College (Autonomous), Bhimavaram. |
| RF-Based Metal Detecting Robot ,B.Sc. Final Year Project, Dept. of Electronics, D.N.R. College (2021–2022) | Created a metal-detecting robot using radio frequency signals to alert the presence of hidden metals. Academic Year: 2021–2022 , Guide: Mrs. B. Sridevi, Dept. of Electronics, D.N.R. College (A) |
| Electronics Locker Using Arduino ,A mini project in B.Tech using Arduino microcontroller for a locker system | Guided by: Mrs. B. Sridevi, Asst. Professor, Dept of ECE, S.R.K.R. Engineering College |
| Mentorship in AICTE Idea Lab (Frontend Web Development) | Mentored a team of 11 students from 1st Sep to 5th Oct 2023 on a project in Frontend Web Development Institution: S.R.K.R. Engineering College (Autonomous), Bhimavaram |
| Mentorship for AICTE IdeaLab Project – "Water Marking & Detecting and Counting Objects with Open CV" | Mentored students on a computer vision project using Open CV, conducted at S.R.K.R. Engineering College.Duration: 26th April 2025 – 26th May 2025 |
| AICTE Sponsored Workshop – Adikavi Nannaya University | Title: "Achieving NIRF Rankings & NAAC Grades: Insights & Strategies" Dates: 27th – 31st December 2024 ,Jointly organized by: D.N.R. College (Autonomous), Bhimavaram & Adikavi Nannaya University, Rajamahendravaram |
| Completed 40+ online & Offline FDPs/Webinars | During the period of 2017 to 2025 |

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