

FACULTY PROFILE

Name of the faculty: RAMA KRISHNA BONI

Department: E.E.E

College: Gudlavalleru Engineering College

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RESIDENTIAL ADDRESS:

RAMA KRISHNA BONI

D.no: 41-30/3-9, Ranigarithota, Vijayawada- 520013.

ACADEMIC QUALIFICATIONS: B. Tech (EEE), M.Tech (P.E&D).

PROFESSIONAL EXPERIENCE:

| Designation | Institution | Period |
|---------------------|--|-----------------------------------|
| Assistant Professor | Gudlavalleru Engineering College | April-2015 to Till date |
| Assistant Professor | Nalanda Institute of Engineering and Technology | November- 2013 to March2015 |

ACADEMIC REWARDS/ACHEIVEMENTS

- ❖ Got 5000/- money prize for securing first in 10th class.
- ❖ Got first prize in first year M.Tech Academics.

PROJECTS GUIDED:

| PhD | Post Graduation | Under Graduation |
|------------|------------------------|-------------------------|
| nil | 1 | 4 |

SPECIALIZATION: Power Electronics and Drives

RESEARCH PAPERS / BOOKS:

BOOKS PUBLISHED IN PUBLICATIONS: Nil

PAPERS PUBLISHED IN JOURNALS:

| International/ National Journals | International/ National Conferences |
|----------------------------------|-------------------------------------|
| 3 | 1 |

- ❖ Published a Research paper entitled “**DTC control strategy for doubly fed induction machine**” in the **International Journal of Engineering and Advanced Technology (IJEAT)** ISSN: 2249 – 8958, Volume-3, Issue-1, October - 2013.
- ❖ Published a paper entitled “**A Study report on the Application of a Superconducting Fault current limiter for Storage Protection in a Distribution system**” in **International Research Journal of India**, Volume-II, Issue-VII, March - 2017.
- ❖ Published a paper titled “**Passive islanding detection method for integrated DG system with Balanced Islanding**” in the **international conference on Mobile Cloud Computing Communication and Engineering (ICMCCCE-18)** HELD ON 22nd & 23rd June-2018 at Narasaraopet Engineering College in association with Labtech innovations.
- ❖ Published an International journal paper titled “**Control Algorithm of Shunt Active Power Filter For Harmonic Mitigation Using Indirect Current Control Technique**” in **International Journal of Electrical Engineering and Technology (IJEET)**, Volume 9, Issue 2, March-April, 2018.

Workshops Attended:

- Participated in a Three day National level workshop on “**Innovations and Design Thinking (WIDTH-2019)**” during 18th – 20th March-2019 organized by Institute of Innovation Council, University College of Engineering Kakinada(A), JNTUK, Kakinada, sponsored by TEQIP III.
- Participated in Meity, Govt.of India Sponsored One week Faculty development Programme on “**Machine Learning Applications in Signal Processing**” **Organized by the E&ICT Academy, NIT Warangal** at GUDLAVALLERU ENGINEERING COLLEGE from 04th - 09th February-2019.
- Participated in a One week faculty development programme on “**Applications of Artificial Intelligence and Soft Computing Techniques to Electrical Engineering**” held during 12th - 17th November-2018 at GUDLAVALLERU ENGINEERING COLLEGE.
- Participated in Two day workshop on “**Green Energy & Smart Grids**” on 20th-21st July 2018 organized by department of Electrical and Electronics Engineering, Prasad V. Potluri Siddartha Institute of Technology, Vijayawada.
- Participated in A Two week ISTE SSTP on “**Electric power systems**” physically on 10th-15th July-2017 and online activity from 5th-9th July-2017 organized by IIT KHARAGPUR.
- Participated in One Week Refresher Course on “**BASIC ELECTRICAL ENGINEERING**” from 19th-24th June 2017 at GUDLAVALLERU ENGINEERING COLLEGE.
- Participated in a Two week faculty development programme on “**Entrepreneurship**” from 6th Feb-2017 to 21st Feb-2017 at GUDLAVALLERU ENGINEERING COLLEGE organized by Centre for Entrepreneurship Development (CED), Hyderabad(An undertaking of ALEAP-INDIA).

- Participated in Two day staff training programme on “**Matlab tools for Engineers – Hands on Experience**” on 10th-11th January,2017 held at GUDLAVALLERU ENGINEERING COLLEGE.
- Participated in One Week workshop on “**Advanced Industrial Automation Training**” from 14th-18th November 2016 at GUDLAVALLERU ENGINEERING COLLEGE in association with INDWELL Automation, Pune..
- Participated in a One week faculty development programme on “**A Refresher Course on Pedagogy on Machines and Power systems**” from 9th May-2016 to 15th May-2016 at GUDLAVALLERU ENGINEERING COLLEGE.
- Participated in a One week faculty development programme on “**ETAP Software Training and its Applications**”
- Participated in a Two week faculty development programme on “**PEDAGOGY ON POWER SYSTEMS AND DRIVES**”
- Participated in a One week faculty development programme on “**Emerging Trends in Electrical and Electronics Engineering**”

CERTIFICATIONS: Nil

GUEST LECTURES DELIVERED: Nil

MEMBERSHIP IN PROFESSIONAL BODIES: Nil

CONSULTANCY ACTIVITIES: Nil

GRANTS FETCHED: Nil