

# P. Ranjith Krishna

## Assistant Professor

Education Qualifications: Master of Technology

Specialization: Power Systems



### ADDRESS:

- E – Block – 701A

### JNTUH ID:

7915-170104-140515

### EMAIL:

Pranjithkrishna\_eee@mgit.ac.in

### DATE OF JOINING:

01-08-2018

### EXPERIENCE – 10 Years

- Teaching - 10

### SUMMARY:

- Publications - 2
- Conferences - 4
- Honors/Awards - 3

### EVENTS:

- Organized - 2
- Attended - 26

### LET'S MEET ON SOCIAL:

- <https://www.facebook.com/mgithyderabad>

### Membership of Professional Bodies:

1. Member – IEEE smart grid community
2. Life Member of Indian Society for Technical Education
3. Life member – IAENG
4. Member - NBT

### Responsibilities Held at Institution Level:

1. Member – Center of Excellence by Virtusa Corporation & Placements and Training Cell, MGIT

### Responsibilities Held at Department Level:

1. In charge for e-learning

### Honors/Awards Received:

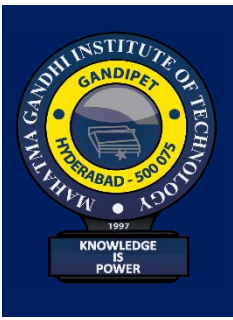
1. IEEE/Digital BADGE for “Effective Remote Instruction -2020”
2. Best paper award “Estimation of Grid Feed in Electricity from Roof Integrated Si-amorph PV System Based on Orientation, Tilt and Available Roof Surface Area” Proceedings of IEEE Conference on Intelligent Computing Instrumentation and Control Technologies, Conducted by Vimal Jyothi Engineering College, Kerala, India, 6 - 7 July 2017.
3. University topper in M.Tech for 2014 at VSU, Nellore

### Courses Handled at Under Graduate /Post Graduate Level:

- **UG:** Electromagnetic Fields, Control Systems, Electrical Circuits, Electrical Machines, Network Theory, Power System Operation & Control, Principles of Power Quality, Distribution of Electric Power, Electrical & Electronics Measurements, Electrical Power Generating Systems, Electrical Measurements, Basic Electrical & Electronics Engineering, Switchgear & Protection, Basic Electrical Engineering
- **PG:** Power Quality, Energy from Waste

### Publications:

1. P. Ranjith Krishna et al. “Rotor Fault Analysis in Doubly Fed Induction Generator Using Wavelet Analyser” January - February 2020, ISSN: 0193 - 4120 Page No. 4780 - 4789 Published in TEST Engineering & Management.
2. Published a paper titled “A Speed Control of Induction Motor Drive System Using Fuzzy Sliding Mode Controller” in IJSETR in Dec 2014.

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**Conferences:**

1. Presented a paper on “Overview of power quality phenomena with reference to Global and Indian Standards”, National Level Conference RTEE - 2020 at MGIT, Hyderabad
2. P. Ranjith Krishna et al. “Use of Smart Glasses in Education - A Study” Proceedings of the IEEE Xplore - Second International conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud, I-SMAC 2018) conducted on 30-31 August 2018 by SCAD Institute of Technology at Palladam, India.
3. P. Ranjith Krishna et al. “Estimation of Grid Feed in Electricity from Roof Integrated Si-amorph PV System Based on Orientation, Tilt and Available Roof Surface Area” Proceedings of IEEE Conference on Intelligent Computing Instrumentation and Control Technologies, Conducted by Vimal Jyothi Engineering College, Kerala, India, 6 - 7 July 2017.
4. Presented a paper on “An Efficient Loaded-Resonant Converter for DC to DC Energy Conversion Application”, National Level Conference on Innovative Technologies in Electrical Engineering” held on 8 Nov 2014 at GIST, Nellore

**Events Organized:****Conferences:**

1. National Level Conference RTEE - 2020 at MGIT, Hyderabad
2. International Conference on “Systems Engineering 2018” at BIET, Hyderabad

**Events Attended****FDPs/STTPs:**

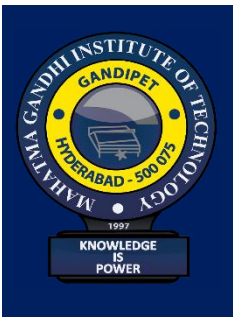
1. ATAL - Online Elementary FDP on "Life Skills Management" from 2021-7-12 to 2021-7-16 at Indian Institute of Space Science and Technology, IIST.
2. FDP on “Modern Trends in Power Electronics and their applications” held from 28 Jun 2021 to 02 Jul 2021 organized by department of Electrical and Electronics Engineering, Vidya Jyoti Institute of Technology, Hyderabad.
3. 5-day online FDP on the theme “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education(AICTE) from 31 May, 2021 to 4 June, 2021.
4. ATAL - Online FDP on "Learning Management System" from 2021-3-15 to 2021-3-19 at National Institute of Technical Teachers Training and Research.
5. AICTE Training And Learning (ATAL) Academy Online FDP on "Energy Engineering" from 2020-12-7 to 2020-12-11 at GLOBAL ACADEMY OF TECHNOLOGY.
6. ATAL - Online FDP on "Electric Vehicles" from 2020-11-16 to 2020-11-20 at Aditya Institute of Technology and Management.

**Refresher Courses/ Workshops/ Webinars/ Seminars/Guest Lecture:**

1. SWAYAM, ARPIT - 8 week - “Big Data Analytics for Smart Grid” on 30 Jun 2020
2. SWAYAM, ARPIT - 16 week - “Teacher and Teaching in Higher Education” on 13 Oct 2021

**Online Certifications:**

1. NPTEL - 8 week - “Introduction to Research” in Sept 2017



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2. NPTEL - 8 week - “Educational Leadership” in April 2018.
3. NPTEL - 4 week - “Effective Engineering Teaching in Practice” in April 2018.
4. NPTEL - 4 week - “Outcome Based Pedagogy Principles for Effective Teaching” in Nov 2018.
5. NPTEL - 8 week - “Electromagnetic Compatibility” in May 2019.
6. NPTEL - 8 week - “Introduction to Smart Grid” in Dec 2019
7. NPTEL - 8 week - “Enhancing Soft Skills and Personality” in Dec 2020
8. NPTEL - 8 week - “DC micro grid and Control System” in Dec 2020
9. COURSERA - “Electric Industry Operations and Markets” authorized by Duke University on 16 Jun 2020.
10. CANVAS - “Introduction to Technology-Enabled Learning” from Commonwealth of Learning and Athabasca University, Canada from 21 June to 25 July 2020
11. “E-Shodh Sindhu & Web of Science – Certification” from Clarivate Analytics - May 2020.
12. IEEE continuing education - “The Digitized Grid” on 29 July 2020
13. IEEEEx - “Foundations to Open Education and OERs repositories” from UNED, Abierta, Spain in April 2020.

**Any Other Contribution:**

1. NPTEL-Text Translator
2. Trained at UTOC – NSS cell of Andhra University, Vizag