

**SANDEEP.Y.M.** B.E (Electrical), M.Tech (Electrical Power Systems)

Asst.Professor

Department of Electrical & Electronics

Bapuji Institute of Engineering and Technology

Davangere-577004.

Mobile: +91- **6360139984 / 8867856116**

E-mail: [sandeep.kakanur.in@gmail.com](mailto:sandeep.kakanur.in@gmail.com)

LinkedIn Profile link: <https://www.linkedin.com/in/sandeep-y-m-b0a819154>

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### **RESEARCH INTEREST**

Electrical Power Systems (Renewable Energy Sources), Signals & Systems.

#### **TEACHING EXPERIENCE: Over 5 Years**

(1) Institute	<b>Bapuji Institute of Engineering and Technology, Davangere.</b>
Duration	<b>2020– Till now</b>
Roles	<b>Assistant Professor</b>
(2) Institute	Shridevi Institute of Engineering and Technology, Tumakuru.
Duration	2015 – 2016
Roles	(i) Assistant Professor, (ii) Sports & NSS Coordinator (iii) Department Activities Coordinator
(3) Institute	S T J Institute of Technology, Ranebennur.
Duration	2016 – 2017
Roles	Assistant Professor
(4) Institute	Ballari Institute of Technology and Management, Ballari.
Duration	2017 – 2020
Roles	(i) Assistant Professor (ii) Placement Coordinator.

## **EDUCATIONAL QUALIFICATION**

Course Name	School/College Name	Board/ University Name	Percentage/ Aggregate	Class	Year of Passing
<b>M.Tech.</b> (Electrical power system engineering)	Adichunchanagiri Institute of Technology, chikkamagaluru	Visvesvaraya Technological University, Belgaum	<b>85.34%</b>	First Class with Distinction	2015
<b>B.E.</b> (Electrical & Electronics Engineering)	Adichunchanagiri Institute of Technology, chikkamagaluru	Visvesvaraya Technological University, Belgaum	<b>74.67%</b>	First Class with Distinction	2013
<b>P.U.C</b>	SPSM INDP PU COLLEGE Davangere	Department of Pre-University Education Karnataka	<b>77.67%</b>	First Class	2009
<b>S.S.L.C</b>	B.E.A high school Davangere	Karnataka Secondary Education Board	<b>92.48%</b>	Distinction	2007

## **ACADEMIC PROJECT**

### **Bachelor of Engineering:**

**Title:** Development of test jig and troubleshooting procedure for card level repair of FDU (Fuel Display Unit).

**Project site:** Hindustan Aeronautics Limited (**HAL**) in Bangalore, Helicopter MRO Division.

**Internship duration:** 28 Days

### **Master of Technology:**

**Title:** Analysis of power factor effect on 220 kV and 66 kV transmission lines from Vajamangala 220/66/11 kV receiving station.

**Project site:** Karnataka Power Transmission and Corporation Limited (**KPTCL**) in Mysuru.

**Internship duration:** 1 Year

## **PAPER PUBLISHED IN JOURNALS**

- Published a paper in International Journal-**IJSRD** (International Journal of Scientific Research and Development) in Volume 3, issue 2, April 2015.  
**Citation:** Sandeep.Y.M, R.D.Satyanarayana Rao, T.R.Narasimhegowda and Sudheer.R. “Case Study of Power Factor Effect on 220 KV and 66 KV Transmission Lines from Vajamangala 220/66/11 KV Station.” International Journal for Scientific Research and Development 3.2 (2015): 2276-2278.
- Published a paper in International Journal-**IJETM** (International Journal of Engineering Technology and Management) in Volume 2, Issue 2 April 2015.  
**Citation:** Sandeep.Y.M, R.D.Satyanarayana Rao, T.M.Vasanth kumar and Sudheer.R. “Analysis of Power Factor Effect on 66 KV Transmission Lines from Vajamangala 220/66/11 KV Station.” International Journal of Engineering Technology and Management, 2.2 (2015): 75-79.

## **CONFERENCES ATTENDED**

- **Presented a paper** in first **National Conference** on Green Computing Technologies (**NCGCT-2015**) at Dayananda Sagar Academy of Technology and Management, Bengaluru.
- **Presented a paper** in Sixth **National Conference** on “Advanced Techniques in Electrical and Electronics Engineering” (**NCATEE-15**) at SJBIT, Bengaluru.
- **Presented a paper** in second **National Conference** on Emerging Trends in Science and Technology at Sapthagiri College of Engineering, Bengaluru.
- **Presented a paper** in two day **National Conference** on “Developments in the Domain of Electrical Engineering (**NCDDEE-15**)” at Sri Siddhartha Institute of Technology, Tumkur.

## **WORKSHOPS & FACULTY DEVELOPMENT PROGRAMS ATTENDED**

- Participated in 3 days Faculty Development Program on **Outcome Based Education** in BITM, Ballari.
- Participated in the one week training program on **Instructional Design and Delivery Systems** conducted by NITTTR, Chennai, Government of India, MNRE at BITM, Ballari.
- Participated in 21<sup>st</sup> ISTE State Level Faculty Convention-2018 on **Challenges and Opportunities in Engineering Education in India** conducted by ISTE Karnataka section at BKIT, Bhalki.
- Participated in the VTU sponsored 3 day workshop on **Digital Signal Processing Lab** conducted by the EEE department in Acharya Institute of Technology, Bengaluru.
- Participated in the Faculty Development Program on **Research Thrust In Renewable Energy 2016** conducted by KREDL & CARTEL AUTOMATION in GSSSIETW, Mysuru.
- Participated in TEQIP-II sponsored one-week National workshop on **Distributed Generation and power quality** in N.I.E., Mysuru.
- Participated in successive workshops on **Mi-power software package** conducted by PRDC at A.I.T., Chikkamagaluru.
- Participated in VTU sponsored, Cluster level training program on **Importance of E-Resources in Teaching, Learning & Research** in BITM, Ballari.
- Participated the author workshop on **How to publish scholarly articles** organized by IEEE in BITM, Ballari.
- Participated online webinar entitled “**Remote lab platform for hardware circuit experiments**” organized by the Department of E & C, BIET in association with Institution of Engineers (India).

## **AWARDS & ACHIEVEMENTS**

- **VTU 2<sup>nd</sup> topper** in the **3<sup>rd</sup> semester M.Tech.**
- Awarded **Certification of Appreciation** from BITM for my esteemed contributions in planning, implementing and co-ordinating Training & placements.
- Came to light as a **Judge** in E-belaku 18, National Level Technical Symposium held on 05/05/2018 in A.I.T., Chikkamagaluru.
- Came to light as a **Jury-member** in state level project exhibition and competition for engineering students, **Srishti-2018**, held on 23/05/2018 in Dayananda Sagar College of Engineering, Bengaluru.
- Awarded **Certificate of Merit** from AIT in 3<sup>rd</sup> semester during the Academic year 2014-2015.
- Awarded as Kannada Kuvara in the state-level program for securing highest score (123 out of 125) in Kannada Language in SSLC.

## **SUBJECTS TAUGHT**

1. Analog Electronics Circuits (AEC: 3<sup>rd</sup> sem)
2. Electrical Power Generation (EPG: 3<sup>rd</sup> sem)
3. Transformers & Generators (T & G: 3<sup>rd</sup> sem)
4. Signals & Systems (S & S: 5<sup>th</sup> sem)
5. Management and Entrepreneurship (M & E: 5<sup>th</sup> sem)
6. Power System Planning (PSP: 7<sup>th</sup> sem)
6. Field Theory (FT Part-B: 4<sup>th</sup> sem)
7. Computer Aided Electrical Drawing (CAED: 6<sup>th</sup> sem)
8. Electrical Engineering Materials (EEM: 6<sup>th</sup> sem)
9. Renewable Energy Sources (RES: 8<sup>th</sup> sem)
10. Energy Auditing and DSM (EADSM: 8<sup>th</sup> sem)
11. Power System Harmonics (M.Tech: PE)
12. Digital System Design (DSD: 3<sup>rd</sup> sem)

## **SOFTWARE PROFICIENCY**

Programming Languages : C

Application package : **Mi-Power software package**, Autocad, Softcops, Mat-lab Simulink,

Office packages : Microsoft Office (MS-Word, MS-Excel, MS-PowerPoint)

## **PERSONAL SKILLS**

Convincing people diplomatically, hardworking capability, like to work in a team being a good team worker and having a good problem-solving ability.

## **EXTRA CURRICULARS**

- Worked as a Press coordinator, Student secretary and M.Tech coordinator in AIT, Chikkamagaluru.
- Performed various stage performances in fests and events.

## **RESIDENTIAL ADDRESS**

SANDEEP Y M  
S/o Manjappa Y,  
#861/3/41, 1<sup>st</sup> stage,  
Shivakumaraswamy layout,  
Davangere-577004.