

DIVIYA BHARATHI M

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**OBJECTIVE**

I firmly believe that I have the ability to discover, use and improve upon my potentials lying dormant within me. To find a challenging position in a fast-growing firm with global reach, where I can dedicate myself and produce exceptional results and gradually rise in office and reach a high position of importance.

CAREER PRECISE

Designation : Assistant Professor in Electrical & Electronics Engineering Dept.
University / College : C.Abdul Hakeem College of Engineering & Technology / Anna Univ
Affiliated Duration : From July 2, 2018' till May 23.

CAREER SUMMARY

- A Progressive and multi-talented Assistant professor with extensive Knowledge having around 5 years of experience with Engineering college Affiliated to Anna University.
- Excellent Knowledge in Electronics technology and the new methodologies.
- **Successful experience of two years as Lecturer in polytechnic college** . Operational knowledge of working with students from diverse backgrounds. Remarkable ability to model Electrical concepts, principles, and techniques. Outstanding ability and knowledge of computers and math softwares.

SCHOLASTICS

- **M.E. Masters of Engineering – Power Electronics & Drives** (2013-2015) **8.2(CGPA)**
C. Abdul Hakeem College of Engineering & Technology
Anna University, Chennai
- **B.E. Bachelor of Engineering – Electrical and Electronics** (2008-2012) **7.45(CGPA)**
C. Abdul Hakeem College of Engineering & Technology
Anna University, Chennai
- **H.S.C (12th Standard)** State Board (2008) **80%**
Sri Ramakrishna BHEL Higher Secondary School, Ranipet
- **S.S.L.C (10th Standard)** CBSE (2006) **70%**
DAV BHEL School, Ranipet

ACEDAMIC ACHIEVEMENTS

- Academic topper in 8th semester in B.E.
- Awarded as **Best Professor** for regularly achieving > 90% of pass ratio within dept.

STRENGTHS

- A strong desire to redefine teaching standards and build tomorrow's leaders.
- Strong communication skills
- Committed, dedicated, and motivated individual.
- Good Inter-personal skills
- Excellent negotiation skills.
- Strong Analytical and Logical Skills.

KEY JOB RESPONSIBITIES & DELIVERABLES

- Supervise student's projects Examine and give students a feedback about their academic activity.
- Develop and implement a research strategy in a certain field .
- Participate and coordinate research activities.
- Develop and implement innovative instructional methods.
- Develop professional logistics to improvise student performance.
- Guide, lead and mentor students in research projects. Evaluate, monitor and mentor student academic progress.
- Create, innovate and implement career-enhancement programs and activities.
- Supervise and support teaching assistants.
- Participate in departmental and college activities.
- Serve and support functional activities of departmental committees. Assess, review and evaluate student activities and progress. Engineering subject handling – Guidance on Projects (UG & PG) & Technical paper publishing.
- Student Counselling and Student Performance Analyst.
- Served as Placement Co-Ordinator for On & Off Campus Placement of final Year students.
- Organize and implement an instructional program Identify, choose and implement different teaching methods for all students with various educational backgrounds.
- Establish and maintain good relationships with the college staff, students and their parents.
- Provoke students to organize debates, Stimulate analytical and rational thinking

AREAS OF INTEREST / STRONG HOLD OF TECH. KNOWLDEGE

(i) Control Systems, (ii) Circuit Theory, (iii) Basic Electricals and Electronics Engineering, (iv) Basic Electrical Electronics and Instrumentation Engineering, (v) Electronics Devices and circuits, (vi) Microcontroller Based System Design, (vii) Design of Electrical Machines, (viii) Protection & Switchgear. (ix) Analysis of Inverters & Converters, (x) Electrical Machines, (xi) Flexible AC Transmission Systems.

PROJECTS HANDLED FOR UG & PG

- Implementation of Quasi Z-Source Inverter for Power Generation System Using Renewable Energy.
- Design and Analysis of DC-DC converter for Transportation Application
- Smart Irrigation System Using Arduino.
- Wireless mobile to mobile Charger.

- Hardware security and Surveillance project.

SKILL SET

- Designing knowledge in MATLAB .
- Languages: C, C++, Visual Basics, JAVA Basic level.
- Application Packages: MS Office (Word, Excel, Power point).
- Operating System: Windows Latest Version & Linux for Programming.
- Additional Coding Knowledge in Programming of Microprocessor-8085/8086 & Microcontroller 8051.

PERSONAL PROFILE

Father's name	:	Manoharan C
Husband's name	:	Rajesh S
Date of Birth	:	7 th February 1991
Marital Status	:	Married
Nationality	:	Indian
Linguistic Proficiency	:	English and Tamil

DECLARATION

I hereby declare that the given above information are true to the best of my knowledge,

Date: 02-05-2023

Place: Ranipet

(DIVIYA BHARATHI M)