

Resume

Name and Contact Details

Arun Subramanian L

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About Me

I am a professional, self motivated, and a committed individual believe in becoming an excellent member of your organization quickly and can add values to your mission, vision and long term goals.

Key Attributes

- A strong sense of business acumen and understanding that the organizations commercial objectives are crucial to my work.
- An adaptable approach to change, and someone who takes responsibility for their ongoing professional development.

Work Experience (Higher Education)

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|------------------------|---|
| 1. Jul 2019 – Mar 2021 | Assistant Professor
Apollo Engineering College, Chennai |
| 2. Jun 2016 – Apr 2019 | Assistant Professor
Agni College of Technology, Chennai |
| 3. May 2014 – May 2016 | Assistant Professor
RMD Engineering College, Chennai |
| 4. Apr 2013 – Apr 2014 | Assistant Professor
MIET Engineering College, Trichy |
| 5. Jul 2012 – Jan 2013 | Assistant Professor
MEC, Trichy |

Responsibilities Held

1. Instruct students who have obtained a higher secondary course in their branch which is predominantly academic in nature.
2. Coordinate with teaching assistants and research assistants for the preparation of course materials and laboratory manuals.

Innovative Impacts in Academics

Presented **technical papers on Sustainable Energy and Smart City Development** at IIT Madras, Amet University, and Sathyabama University in the year 2018 and 2019.

1. Sustainable Development and Urbanization of Smart City.
2. Earth Friendly Garden through Hydroponics.
3. Zero Energy Building for Smart City.
4. Functional Enhancement of Smart Grid by Integration of Wind Power using Battery Energy Storage System.
5. Heavy Load Energy Transfer through Capacitive Coupling in Automobiles.
6. Solenoid Controlled Braking System in Automotives.

Work Experience (Power Project – 80MW and 120MW)

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| Mar 2008 – Sep 2009 | Project Engineer Electrical
Bharat Heavy Electricals Limited, Nagpur |
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Domain**Electrical Machines, Control Systems, Power Systems****Impacts**

1. Involved actively for the commissioning and synchronization of the system to the grid.
2. Coordinated for the R&M activity by ensuring timely service operation on electrical scope.
3. Coordination with all consultants and clients.
4. Prepare work schedules, Reports and Bills.
5. Monitoring of Onsite Purchase, Stores and Labor Management.

Work Experience (Industry Sector)**Sep 2005 – Mar 2008****UPS Test Engineer**

electronics controls power systems pvt ltd, Pondicherry

Domain**Power Electronics****Impacts in Industry**

1. Implementing the Schematics across multiple stages of the system.
2. Testing DC system, Inverter system, SCR charger and diodes circuits.
3. Installation of Internal Bypass and Remote Manual Bypass Switch for Isolation and safety.
4. Battery Sizing and Interfacing the unit.
5. UPS Trouble shooting in all aspects successfully.

Educational Qualifications**2001 – 2005****B.E.Electrical and Electronics Engineering**

ANNA UNIVERSITY Affiliated Institute

2010 – 2012**M.E.Power Systems Engineering**

ANNA UNIVERSITY Affiliated Institute

2000 – 2001**Higher Secondary Course (State Board)**

RS Krishnan Higher Secondary School

1999 – 2000**Secondary School Leaving Course (CBSE)**

RS Krishnan Higher Secondary School

Research Interests

1. Renewable Energy Systems.
2. Green Vehicles
3. Smart Grid
4. Artificial Intelligence and Machine Learning
5. Internet of Things

Domain Interests

1. Power Electronics
2. Analog & Digital Circuits
3. Electrical Machines
4. Power Systems
5. Control Systems

Government Fund Project

S.NO	Title of the Project	Sponsoring Agency	Amount
1.	Bladeless Wind Turbine	TNSCST – Govt of Tamil Nadu, 2018	Rs 7500/-

Workshops Attended

1. **Electric Power System - ISTE STTP** by IIT Kharagpur, 2017.
2. **Research Paper Writing** at Thiagarajar College of Engineering Madurai, 2016
3. International Lecture Workshop on **Advanced Materials Engineering** at Thiagarajar College of Engineering Madurai, 2016

Technical Seminar Program

1. **Energy Efficiency and Energy Saving Technologies** by IEEE Madras Section at KLN College of Engineering Sivagangai, 2016.

Professional Memebership

1. **IAENG** - International Association of engineers (173285)

Contact References

1. Mr. S.Vinoth - +91- 9025786406
2. Mr. S.Jai Ganesh - +91- 9677139510
3. Mr. G.Gurusivakumar - +91- 9894667587
4. Mr. S.Arivanandhan - +91-8667416115
5. Mr.S.Pandiyarajan - +91- 9361321621

Decleration

I have enjoyed working for my previous employer, I am now ready for a new challenge and the next chapter of my career where I can work alongside other like- minded professionals who have the same ambitious goals. I need a fresh challenge that will allow me to grow and broaden my knowledge, and that will enable me to work alongside new and enthusiastic people community.