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|  **Mobile:****+**91-9059026594**+**91-8328606524E-Mail:knagarajureddy09@gmail.comkethirinagarajureddy@gmail.comPersonal Data:**Date of Birth** : 5th August,1995**Gender** : Male**Nationality** : Indian**Marital Status :** SingleLanguages Known:Telugu, English, Hindi.  **Interests:** Eager to learn new things, Playing Cricket.Permanent Address:S/O Mr. Sudhakar Reddy, H.NO.2-6-1501,Srinivasa Colony,Hanamkonda– 506001 Telangana(INDIA) | **NAGARAJU REDDY K.****Experience: 3 Years 6 Months as an Engineer in Power Electronics****Career Objective**To work in a challenging environment where i can prove myself by utilizing my skills & knowledge and resulting organizational growth as well as individual development.**PROFESSIONAL EXPERIENCE*** Working as a Project and Testing Engineer for converters like (3Phase AC-DC, 1Phase AC-DC, DC-DC) at Variturn Electro Products, Hyderabad from July-2016.
* Having an experience in designing of Power converters and filters, EMI/EMC and Environmental tests for MIL grade and commercial, industrial grade converters.

**Responsibilities:*** Joined as Graduate Engineer trainee in R&D department.
* R&D in projects according to customer requirements and to improve efficiency.
* As an Engineer, maintenance and monitoring of various projects.
* Final designing Fault finding in PCB & Circuit.
* Testing and Designing of circuits using ORCAD.
* Testing and creating standard inspection reports of manufactured product like Battery Chargers, DCDC Converter and Power Supplies.
* Testing of PCBs, Converters, Battery Chargers and Power Supplies.
* Designing of EMI EMC Filters, Power converters, required test jigs and fixtures for testing.
* Facilitation inspection and designing of new product as well as component before starting designing.
* Manage and monitor the maintenance of lab and equipment periodically and ensuring the proper functioning.
* Responsible for generating reports pertaining to the purchase orders, cost limitations in purchasing required components related to the project need and company ISO standards related to my working department.
* Doing MTBF Calculations for Power supplies.
* Preparation of various Technical Documents like Specification Document, QAP, ATP, PSEQ/SOP, MDI.

**ACADEMIC QUALIFICATIONS*** Completed **Bachelor of Technology** in Electrical and Electronics Engineering from Vaagdevi Engineering College with aggregate of **71.75%**in the year of 2016**.**
* Completed **Intermediate** from N.V.B. Junior College with aggregate of **82.3%** in the year of 2012**.**
* Completed **SSC** from B.V.M. High School with aggregate of **81.1%**in the year of 2010**.**

**PROJECTS****Title: Quad Power Supply Unit****Role: Design Engineer****Description:** 370W AC to DCQuad Output Power Supply with redundant Output.**Title: 440V 3Phase AC-DC Converters, DC-DC Converters****Role: Design Engineer****Description:** 3 varieties of DC-DC and 3Phase 440V AC-DC Converters which qualified for the EMI EMC MIL STD 461E, Environmental JSS 55555, 30G Shock Test.**Title: DC-DC Converters And 3Phase AC-DC Converters****Role: Design Engineer****Description:** 7 varieties of DC-DC and AC-DC Converters which qualified for the EMI EMC MIL STD 461E, Environmental JSS 55555, 163G Shock Test.**Title: Auxiliary Power Supply Unit****Role: Testing Engineer****Description:** Design and Development of 5Ch-1KW Auxiliary Power Supply Unit with an input of 230V,50Hz**Title: 27V, 0.6A Power supply****Role: Testing Engineer****Description:** Power supply module with input of 21V-36V and Regulated Output of 27V,0.6A**Title: Power Supply-65W****Role: Testing Engineer****Description:** It is a dc-dc converter with dual channel output.**TECHNICAL SKILLS*** Microsoft Office.
* AutoCAD, AutoCAD Electrical, Orcad Capture, Webench, Code Composer studio, NI Multisim, KiCAD, LTSpice, RFSIM99.
* Language: C, SQL.

**Achievements*** Efficiently predicted the faults of some components in projects (Device) this improved the accuracy and efficiency.
* Successfully established the ISO rules in the R&D department for standard testing and designing procedures.
* Solely entrusted with the responsibility of performing the reliability tests for the product which was successfully executed.
* Joined the company as a graduate engineer trainee and was prompted to the Engineer in June 2017.
* Participated in various power point presentations and got second prize for presentation on Renewable Energy Sources.
* Participated in Technical quiz competition as a group secure first prize.
* Participated in Bharath Scouts& Guides camp as a petro leader to my group in the year 2005 held at Jeedimetla,Hyderabad.
* Published a paper title An Ultracapacitor Integrated Power Conditioner in International Journal of Electrical and Electronics Engineers.
* Presented a paper on An Ultracapacitor Integrated Power Conditioner in 3rdInternational Conference on Recent Trends in Engineering Science and Management.

**DECLARATION**I hereby ensure that the above mentioned information is true and correct to the best of my knowledge and belief. Place: HyderabadDate: **NAGARAJU REDDY K.** |