



SRI KRISHNA SANKALP GUNTURI

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EDUCATION

Bachelor of Technology, Electrical and Electronics Engineering (Gold Medal) <i>Koneru Lakshmaiah (Deemed to be) University, Andhra Pradesh, India</i> <i>Ranked 41st according to NIRF, NAAC A++ accredited University</i>	2015-2019 9.69/10
Senior High School (11th and 12th grades) <i>Narayana Junior College, Vijayawada, Andhra Pradesh</i>	2013-2015 86.80%
Junior High School <i>Jubilee Hills Public School, Hyderabad, Telangana</i>	2012-2013 9.6/10

PUBLICATIONS

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- **Gunturi, S. K. S.**, & Reddy, M. S. K. (2018, April). IoT based domestic energy monitoring device. In 2018 *3rd International Conference for Convergence in Technology (I2CT)* (pp. 1-4). IEEE.
 - Reddy, M. S. K., **Gunturi, S. K. S.**, & Elangovan, D. (2018, July). Analysis and Design of Discharging Circuit for Auxiliary Battery Systems in EVs. In 2018 *International Conference on Recent Innovations in Electrical, Electronics & Communication Engineering (ICRIEECE)* (pp. 2295-2300). IEEE.
 - **Gunturi, S. K. S.**, Makkena, S. K., Pedapudi, S. S., & Reddy, M. S. K. (2019, October). Wide Gain Bidirectional Converters for Energy Storage System of Fuel Cell Vehicles. In *IOP Conference Series: Materials Science and Engineering* (Vol. 561, No. 1, p. 012127). IOP Publishing.

WORK EXPERIENCE AT MINDTREE LTD. (A LARSEN & TOUBRO COMPANY)

Functional and System Testing Engineer Project: <i>A Network Management & Automation Product</i> Client: <i>The World's largest networking conglomerate corporation</i> <ul style="list-style-type: none">• Responsible for testing the Upgrade, 3-Node High Availability, Backup-and-Restore and Disaster Recovery scenarios for the product.• Streamlined and stabilized automation by using Docker platforms.• Contributed code for functional testing using Python and Selenium WebDriver.	2021-present
Software Developer Project: <i>Firmware development of a range of Data Center Network Switches</i> Client: <i>The World's largest networking conglomerate corporation</i> <ul style="list-style-type: none">• Contributed in adding important interrupts to On-Board Failure Logging (OBFL) as a feature for drivers affecting across all the switches family.• Actively contributed in debugging defects related to stats manager and stats client anomalies.• Contributed to development of pyATS script using Python for automating test cases on switches.	2020-2021
Trainee Project: <i>C, Linux and Python</i> <ul style="list-style-type: none">• Co-developed a stand-alone 'Library Management System'. The frontend was developed using Python Flask web framework and the backend was written in C and Bash. Flat files were used as pseudo-databases.	2019-2020

- Learnt basics of Python along with OOPS concepts and deep dived into C concepts starting from data structures, double pointers, function pointers to concepts of threading.

SKILLS*

C	Python	Linux
<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
Bash	Microsoft Office	L ^A T _E X
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*The skill scale is from 0 (Fundamental Awareness) to 5 (Expert).

AWARDS

Academic Excellence

- Secured First Prize in Academic Excellence for two consecutive years 2018, 2019
Koneru Lakshmaiah (Deemed to be) University Andhra Pradesh

IEEE Student Branch

- Elected as the Treasurer for the IEEE Executive Committee. Served for 2 consecutive years 2018, 2019
Koneru Lakshmaiah (Deemed to be) University Andhra Pradesh

Mock United Nations

- Secured Second in 'Best Position Paper' in a three-day Model United Nations Conference 2012
Hyderabad Public School Telangana

HOBBIES AND INTERESTS

- Data Privacy Enthusiast
- Inquisitive about Screenwriting in motion pictures
- Playing Tabla (percussion instrument)

REFERENCES

- **Dr. K. Narasimha Raju**
Professor in Power Electronics Telephone: +91-96666-93394
Department of Electrical and Electronics Engineering Email: narasimharaju.eee@kluniversity.in
Koneru Lakshmaiah (Deemed to be) University
Green Fields, Vaddeswaram, Andhra Pradesh 522502
- **Dr. A. Pandian**
Professor in Electric Drives Telephone: +91-99409-58638
Department of Electrical and Electronics Engineering Email: pands07@kluniversity.in
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- **Dr. E. Sridevi**
Assistant Professor in Algorithms and Data Structures Telephone: +91-98856-94598
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