

# YOGESH K

Email: kaketiyyogesh2110@gmail.com

Linkedin: <https://www.linkedin.com/in/yogesh-royal>

Phone no: 6302286063

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To secure an entry-level position in mechanical engineering where I can leverage my academic knowledge, technical skills, and passion for innovation to contribute effectively to the projects and goals of the organization. Eager to gain hands-on experience, collaborate with experienced professionals, and continuously learn and grow in a dynamic engineering environment.

## EDUCATION

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**2019-2023-Bachelor of Technology (Mechanical Engineering) – SVPP – 8.06(CGPA)**

**2017-2019-12<sup>th</sup> Standard - Sri Surya Junior College - 9.69(CGPA)**

**2016-2017-10<sup>th</sup> Standard - SVBC-8.7(CGPA)**

## TECHNICAL SKILLS

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Attention to detail and accuracy in design and analysis

Strong understanding of engineering principles and concepts

Excellent problem-solving and critical-thinking abilities

Effective communication and teamwork skills

## PROJECTS

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### REGENERATIVE BRAKING SYSTEM

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- Developed a Regenerative Braking System prototype for electric vehicles.
- Implemented a mechanism to capture and store kinetic energy during braking.
- Designed the system to convert kinetic energy into electrical energy for storage in batteries or capacitors.
- Conducted tests to evaluate the efficiency and effectiveness of the regenerative braking system.
- Analyzed data to optimize the system's performance and energy recovery capabilities.
- Demonstrated the functionality of the system through practical demonstrations and simulations.
- Documented the design process, test results, and recommendations for future improvements.

### QUICK LIFT USING BEVEL GEARS

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- Developed a quick lift system employing bevel gears to achieve rapid vertical motion in [specify application, e.g., lifting platform, adjustable equipment].
- Conducted engineering analysis to determine load capacity, torque requirements, and gear ratios for optimal performance.
- Integrated the bevel gear system seamlessly into the overall mechanical structure of the lifting mechanism.
- Received positive feedback from Professor for the successful implementation of the Quick Lift project.

## TRAINING & CERTIFICATIONS

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- Completed & get certified on AutoCAD in APSSDC