

# SIVA BALAN S

B . E M E C H A N I C A L E N G I N E E R I N G

## PROFILE

Dedicated and self-motivated budding Mechanical engineer with a aim to make career in the core sectors. Being a Automobile enthusiast, I possess strong leadership, communication and analytical thinking with a ability to apply theoretical concepts to solve real-world problems. Interested in doing masters abroad. Good at working as a team as well as with my own intuitive.

## EDUCATION

### COLLEGE OF ENGINEERING GUINDY

Bachelor's Degree in Mechanical Engineering  
2022 – 2026  
CGPA: 7.77

### KRISHNASAMY MEMORIAL MATRIC HR. SEC. SCHOOL

HSLC 2021- 2022  
Board Exam percentage: 96.4%

SSLC 2019- 2020  
Board Exam percentage: 96.8%

## EXPERIENCES

- NCC NAVY Cadet
- Senior Brakes- Drivetrain Vertical member of CEG MOTORSPORTS.
- Project Coordinator at Ceg Tech Forum.

## PROJECT

### Pneumatic powered car- bumper:

- This project reduces the impact to the cars during collision with the huge obstacles.
- Ultrasonic Sensors connected in series is used to detect huge obstacles and actuate the pneumatic cylinder which absorbs the impact and protects the car.

## ACTIVITIES

- Attended NAVAL TECHNICAL ATTACHMENT CAMP at INS Shivaji.
- Active volunteer as a NCC cadet
- Attended workshop conducted by Scootoid on Design of Pressure Vessels.

## CONTACT

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## SOFTWARES

1. **3D-Modelling:** SolidWorks, Auto-Cad.
2. **Programming:** Python, HTML, CSS, Javascript.
3. **Design:** Canva, Adobe Illustrator.

## SKILLS

- Leadership
- Communication
- Critical thinking
- Problem-Solving
- Creativity

## CERTIFICATIONS

- Scootoid online workshop on Design of pressure of Pressure Vessels.
- NCC 'B' Certificate..

## LANGUAGES

- Tamil R W S
- English R W S
- Japanese R W S
- Hindi R W