

HARISH NARAYANAN K

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Passionate mechanical engineering undergraduate student, currently in 7th semester of study. Likes to delve deeper into a concept and explore new concepts. Currently open for **internships** in core fields.

AREAS OF INTEREST: Design and Analysis (CAE - Static and Dynamic Stress Analysis, Kinematics, CFD), Aerodynamics, Propulsion Systems, Thermal Engineering and Energy Studies, Manufacturing Technology, Materials and Metallurgy

EDUCATION:

- **Nov 2021-Present:** **Bachelor's degree, Mechanical Engineering**
College of Engineering, Guindy (CEG), Anna University
CGPA: 8.5
- **June 2020-Jun 2021:** **HSC Second year (Class 12) - Math, Computer Science | Grade: 98.86 %**
- **June 2020-Mar 2020:** **HSC First year (Class 11) - Math, Computer Science | Grade: 97.50 %**
- **June 2018-Jun 2019:** **SSLC (Class 10) | Grade: 98.00 %**
SBOA Matriculation Hr. Sec School, Madurai

SKILLS:

- **CATIA, SolidWorks, Creo Parametric, Autodesk Fusion 360, AutoCAD, ANSYS** – Intermediate level
- **Python, C++ programming** – Intermediate level
- **MATLAB** – Beginner level
- **SOFT SKILLS:** Communication | Time Management | Problem Solving | Creative Thinking

LANGUAGES:

- **English** – Full professional proficiency | **Hindi** – Professional working proficiency | **Tamil** – Native proficiency

TEST SCORES:

- **JEE Mains 2021 (Feb 2021) - 98.27 percentile; AIR 16847**
- **JEE Advanced 2021 (Oct 2021) - AIR 23122**

EXPERIENCE:

- **SENIOR DRIVETRAIN VERTICAL MEMBER** (Apr 2023 - Present)
Team CEG Motorsports - BAJA SAEINDIA, Competitive ATV Fabrication
 - Gained knowledge about, as well as **contributed towards** the overall **design and fabrication** of the ATV's **Drive and Transmission system**.
 - Designed and fabricated **auxiliary components** for the drivetrain system of the ATV.
 - Worked on the **selection of appropriate bearings** for the **ATV's gearbox shafts** using **KISSsoft**.
 - Worked on the **Cost Sheet and Cost Documentation** for the **Drivetrain section** of the ATV.

ACTIVITIES AND ACHIEVEMENTS:

- Cleared **JEE Mains 2021** with a good All India Rank (**16847**) and cleared **JEE Advanced 2021**.
- Cleared all the 8 levels of Hindi Language Examination conducted by Dakshina Bharat Hindi Prachar Sabha in **first class**.
- Was the **school topper** in SSLC (Class 10) examination, 2019 and was awarded with a **full fee concession** for the next two years of study, for the same. Was the **school topper** for the next two years of **HSC**.
- Has been an **active member** of the **school quiz club** and has won prizes in many quiz competitions.
 - Secured **first place** in **district and national levels** of the **Aqua Regia Quiz competition 2018** conducted by T.I.M.E Institute.
 - Was **qualified to the finals** and won a consolation prize of Rs 5000/- in **NEC Quiz 2019** conducted by National Engineering College, Kovilpatti.
- Has volunteered for organizing the **Second International Conference on Materials, Design and Manufacturing Processes, 2023 (ICMDM 2023)**, organized by the Department of Mechanical Engineering and AU-FRG Institute for CAD/CAM, College of Engineering, Guindy, Anna University.
- Has actively participated in **various technical workshops** conducted in the college with the prominent ones being **Internal Combustion Engine Workshop** and **Electric Vehicles Workshop**.