



## EDUCATION AND SCHOLASTIC ACHIEVEMENTS

Program	Institution	CGPA / Percentage	Year
B.Tech in Mechanical Engineering	Indian Institute of Technology Madras	7.32/10	2026
XII (CBSE)	Vishwanath Appa Hurne College	88.7%	2022
X (CBSE)	Mahatma Phule English School	98.6%	2020

## Scholastic Achievements

- Secured Taluka Rank of **3** in class X and gained **100%** in Maths.
- Attained **190/200** in Computer Science in Class XII.
- Attained qualification for Stage-2 of the **National Talent Search Examination (NTSE)**.
- Attained qualification for Stage-2 of **Homi J. Bhabha Balvaidnyanik exam**.
- Secured **98.40 percentile** in **JEE Mains**, attained category rank of **1247** in **JEE Advanced**.
- Scored **99.2 percentile** in **State Common Entrance Test Cell (CET)**.
- Cracked **Navodaya Exam** and was eligible to join the school.
- Bagged **Gold, Silver, and Bronze** Medals in **SOF** exams.
- Bronze Medal** in **BDSE** (Brain Development Scholarship Exam).

## SKILLS

- Coding Skills:** Python, C++(basics), DSA in Python, HTML, CSS, Linux OS (Bash Module), C++\*\*
- Tools & Softwares (Technical):** Git, GitHub, Latex, Excel, PowerPoint, AutoCAD, MS Word, VScode.
- Tools & Softwares (Design):** Canva Pro, Figma, Illustrator, Photoshop, MS Clipchamp.

## PROJECTS

<b>Tic Tac Toe</b> Self Project	<ul style="list-style-type: none"> <li>Developed an interactive tic-tac-toe game using <b>Python</b>.</li> <li>Utilized basic <b>sequential decision-making algorithm</b> to make the game <b>user-friendly</b>.</li> </ul>
<b>Portfolio</b> Self Project	<ul style="list-style-type: none"> <li>Created a responsive collapsible <b>personal portfolio website</b> (<a href="#">Link</a>)</li> <li>Developed frontend of a website using <b>HTML</b>, and <b>CSS</b> ensuring a functional website.</li> <li>Designed a user-friendly interface for gathering <b>input from users</b>.</li> </ul>
<b>Cash Flow Minimizer</b> Self Project	<ul style="list-style-type: none"> <li>Built a system that <b>minimizes cash flow</b> in group of people.</li> <li>Utilized basic <b>min-max algorithm</b> to minimize the cash flow in the group.</li> <li>Utilized a <b>2-dimensional array</b> representing transaction matrix between people</li> </ul>
<b>Ball Screw Design System</b> Course Project (MIC) Prof. Srinivas Devdula	<ul style="list-style-type: none"> <li>Led comprehensive analysis of <b>Ball Screw Design System</b> by researching on the system.</li> <li>Developed <b>Matlab codes</b> for relevant graphs, designed <b>Simulink Model</b> of the system.</li> <li>Deployed the model based on how <b>controllers and stepper motor</b> drive the system.</li> <li>Developed a standard <b>report</b> on the given thesis including all the necessary <b>derivations</b></li> </ul>

## RELEVANT COURSEWORK

<b>ID2090</b>	A <b>Scientific Computing Course</b> (based on Linux OS) completed in Semester 1.		
<b>Computer Science</b>	Introduction and basics of <b>C++ Language</b> (completed in 12th grade)		
Functions of Several Variables	Series and Matrices	Differential Equations	Linear Algebra

## POSITION OF RESPONSIBILITIES

<b>Co-Curricular Secretary</b>	<b>TechSoc</b> Current	<ul style="list-style-type: none"> <li><b>Design Core</b> of Branding Vertical of TechSoc Team.</li> <li>Will be leading the <b>2-tier</b> team's vertical of the club <b>single-handedly</b>.</li> </ul>
	<b>Shaastra O&amp;IP</b> Dec22'- Jan23'	<ul style="list-style-type: none"> <li><b>Volunteer</b> of Shaastra (Tech-fest) Operations &amp; Infra Structures Team.</li> <li>Handled <b>on-ground operations</b> in Tech Fest, Shaastra.</li> </ul>
<b>Student General Secretary</b>	<b>Extra Mural Lectures(EML) Team</b> Apr23'- present	<ul style="list-style-type: none"> <li><b>Creative Cell Coordinator</b> at Extra Mural Lectures team.</li> <li>I have been a <b>team leader</b> and held up an event solely.</li> <li>Conducted 15+ events of renowned personalities like <b>Dr. S Somnath, K. Annamalai</b>.</li> <li>Garnered an <b>overall footfall of 5000+</b> people as a <b>Creative Cell Coordinator</b>.</li> <li><b>Moderated</b> the lecture by Dr.Prakash Baba Amte &amp; Dr. Mandakini Amte.</li> </ul>
	<b>Saathi Team (current)</b>	<ul style="list-style-type: none"> <li><b>Super-Coordinator of Design &amp; Publicity Vertical</b> of team Saathi.</li> </ul>
	<b>SGS ExecutiveTeam</b> May23'-April24'	<ul style="list-style-type: none"> <li><b>Member of the Student Executive Committee (SGS) Team.</b></li> <li>Helped in the <b>management</b> of the Institute level events.</li> </ul>
<b>Cultural Secretary</b>	<b>Drama Club</b> May23'-April 24'	<ul style="list-style-type: none"> <li><b>Coordinator of the Drama Club</b> in the Institute.</li> <li>Handled <b>PR and Publicity tasks</b> for <b>5+ events</b> among the events held by the Club.</li> </ul>
<b>MEA Team (Sept23'-March 24')</b>		<ul style="list-style-type: none"> <li><b>Super-Coordinator of Events Vertical</b> in the Mechanical Engineering Association Team.</li> </ul>

## EXTRA-CURRICULAR ACTIVITIES

<b>Literary and Speaking Arts</b>	<ul style="list-style-type: none"> <li><b>Inter-IIT (2023)</b> Street Play participant.</li> <li>Part of <b>10+ drama events</b> in school, one of the <b>lead actors</b> of Initiator Event of Drama Club.</li> </ul>
<b>Sports</b>	<ul style="list-style-type: none"> <li><b>District-level</b> long-run winner and secured <b>1st place</b> in Kabaddi.</li> </ul>
<b>Other</b>	<ul style="list-style-type: none"> <li>Secured <b>2nd</b> and <b>3rd</b> place in dance competitions and sketching competitions.</li> <li><b>Team leader</b> for <b>3</b> successive years in school, won "<b>Student of The Year</b>" Award for <b>2 successive</b> years.</li> </ul>