##### CURRICULUM VITAE

##### HAIMANSHU SAXENA

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##### OBJECTIVE:

To be a successful, responsible and a leading engineer. To utilize and explore my knowledge and skills to the best of my ability. Seeking a job to sharpen my skills through hands on experience in an industry and work for the growth of the industry.

##### ACADEMICS:

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| Course | School / College | Board / University | Year Of Passing |
| B.Tech. (Mechanical Engineering) | IIMT College Of Engineering | AKTU  University | 2022 |
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| H.S.C | ST. John’s Sr. Sec. School | CBSE | 2018 |
| S.S.C | Saraswati Bal Mandir Sr. Sec. School | CBSE | 2016 |

##### WORK EXPERIENCE:

**ENERGYSCAPE RENEWABLES LLP COMPANY, NOIDA**

**Job Profile : Associate Engineering**

**Work as a PV DESIGNER, basically my work as a designer, design of a roof which is related to locate the solar panel on the roof and creating an electricity which is used as a domestic and commercial purposes.**

##### ACHIEVEMENTS IN SCHOOL:

* **3rd Position in district level JUDO (MARTIAL ARTS) COMPETITION IN 10TH Standard 2015**
* **Select as a SPORT CAPTAIN of school 2015-16**
* **Participated in a MASS YOGA DEMONSTRATION AT RAJPATH on the occasion of INTERNATIONAL YOGA DAY on 21 june 2015**
* **WINNER in CAMEL ART CONTEST 2014**

**CURRICULAR ACTIVITIES:**

* Authorised as the Health Ambassador of LIVPURE FOUNDATION. Completed the Project under SHUDDH PAANI SWASTHA BHARAT with enthusiasm and utmost dedication.
* Participated from the state of DELHI in Digital Wellness Online Challenge during DIGITAL INDIA WEEK 1st July to 17th July 2015
* Participated in the ‘LARGEST PRACTICAL SCIENCE LESSON’ conducted by Vijnana Bharathi (VIBHA) at the campus of Indian Institute of Technology (IIT), New Delhi on 7 Dec 2015.

The lesson is an attempt to enter into the GUINNESS BOOK of WORLD RECORDS.

**CO-CURRICULAR ACTIVITIES:**

* **GYMMING – Bodybuilding , weightlifting**
* **RUNNING - Completed 1600m in 6**:30min

##### PROJECTS:

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| * SEGWAY HOVERBOARD:- |

**Part 1** - The Aim of this project is to manufacture a cheap and efficient Hoverboard.

**Part 2** – As pollution and fuel prices rise, a vehicle that is both environmentally and inexpensive is required.

**Further Plans** - We thought to have some sensors that senses the object in front of hoverboard like Ultrasonic sensor is a distance measuring sensor.

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| * INTRODUCTION OF SEGWAY HOVERBOARD:- |

1. A hoverboard is a two- wheeled electric vehicle which is powered by motors mounted in the frame of the hoverboard.
2. A potentiometer is used to turn the vehicle right and left. By using DPDT switches and electric supply we can go in forward and backward direction easily.
3. The vehicle has electric motors powered by batteries.
4. There is no use of microcontroller, gyroscope and any type of sensors.
5. The rider accelerates or decelerates by using dimmerstat.

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| * RESULT EXPECTED:- |

The project was chosen based on a number of factor

1. Pollution
2. Low cost
3. Ease to travel

**INDUSTRIAL VISITS:**

* YAKULT DANONE INDIA Pvt. Ltd., Sonipat, Haryana : As Part of College Activity in 3rd Semester. The method of production of yakult and various equipment necessary for yakult product were briefed in this visit.
* MOTHER DAIRY FRUIT AND VEGETABLE Pvt. Ltd., Patparganj, Delhi : As Part of College Activity in 4th Semester. Its provides students with an opportunity to learn practically through interaction, working methods and employment practices.
* ELECTRIC LOCO SHED, WESTERN RAILWAY, Tughlakabad, Delhi : As a Part of College Activity in 4th Semester. Understood how assemble and disassemble parts of the Electric engine.
* PRIYAGOLD BISCUITS, Noida, Uttar Pradesh : As a Part of College Activity in 7th Semester. Its was a great experience for student to see the process of making biscuits. See the technology used by the management of Priya Gold.

**WORKSHOPS:**

* Attended a workshop of “gas welding” conducted by IIMT College, Greater Noida.
* Attended a workshop of “sand casting” conducted by IIMT College, Greater Noida.

##### TECHNICAL SKILLS:

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| Design | **AUTOCAD , SOLIDWORK** |
| Ms-office | POWER POINT, EXCEL, WORD |
| Programming | **Python, Java** |

**AREAS OF INTEREST:**

* IC Engine
* Bio-mass and OTEC
* Solar Cells

##### PERSONAL PROFILE:

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| Address | GD-74A flat no. 3 Pul Prahlad Pur, Tughlakabad, New Delhi, India |
| Contact Number | 9001666459 |
| Date of Birth | 24.12.2000 |
| Gender | Male |
| E-mail | haimanshusaxena512@gmail.com |

DECLARATION:

I hereby do solemnly affirm that the details furnished above are true to the best of my knowledge.

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| **Place: New Delhi** | Haimanshu Saxena |