# AYUSHI SAWARKAR

Mobile: 9131272889

Email ID: [ayushi2021.29@gmail.com](mailto:ayushi2021.29@gmail.com)

# OBJECTIVE:

To work in challenging environment where I can utilize my skills as an electric engineer. I am seeking opportunities where I can implement my innovative ideas and also enhanc e my

skills.

# EDUCATION:

|  |  |  |  |
| --- | --- | --- | --- |
| **Program** | **Institution** | **Year of completion** | **CGPA/%** |
| MTech,  Industrial Drives and Control | Priyadarshini College of Engineering, Nagpur university | 2021 | 9.16 |
| BE, Electrical Engineering | Karmaveer Dadasaheb Kannamwar Engineering College, Nagpur university | 2017 | 9.29  (85.4%) |
| H.S.C (C.B.S.E) | Lala Kailashpat Singhania High School, Lodhikheda | 2013 | 90.6% |
| S.S.C (C.B.S.E) | Lala Kailashpat Singhania High School, Lodhikheda | 2011 | 10 |

**ACHIEVEMENTS:**

* College topper in MTech (2021)
* Gold medalist in Electrical Engineering: College degree topper and 4th rank in university (2017)
* Awarded scholarship of Rs15000/- for securing 90.6% in HSC examinations. (2013)
* Awarded scholarship of Rs10000/- for securing 91.1% in 11th standard. (2011)

# WORK EXPERIENCE:

* Worked as an English Educator (Phonics) in vedantu: June 2021 to October 2021.
* Worked as an AUTOCAD ELECTRICAL TRAINER, in Indian institute of product design and manufacturing, Nagpur nandanwan, from June 2019.
* Worked as part AutoCAD electrical trainer in CADmastre, OPTECH SOLUTIONS. Nagpur.
* I gave private tuitions to kids studying from 1st to 7th std from 2015 to 2020.

# SKILLS:

* HTML, CSS, AutoCAD electrical, MATLAB, Simulink
* Proficient in English, Hindi and Marathi

# PROJECTS:

* **BE Project: A Wind Solar hybrid systems by using CUK-SEPIC convertors.**
  + To use wind and solar energy as the sources for the load of 500 volts and 3000 watts using CUK**-** SEPIC converters. Hybrid wind solar energy system was used.
  + The converters CUK**-**SEPIC were used with the solar and wind sources respectively, they added up the advantages of reducing harmonics and thus elimination of filters, thus reducing the size and the cost.

# Mtech project: Analysis of BLDC motor by Adaptive Fuzzy PID logic controllers.

* + To analyze performance of BLDC motor without controller and with Fuzzy-PID and Adaptive Fuzzy- PID controller.
  + The comparison with both the controller that is Fuzzy-PID and Adaptive Fuzzy-PID was made using MATLAB Simulink.
  + It was found that Adaptive Fuzzy-PID provides better control.

# TRAININGS:

* COMPANY NAME: - ‘RAYMONDS Pvt. Ltd, Borgaon (M.P.) DURATION: - Power Plant training from

10th June to 25th June 2015.

* MADHYA PRADESH POWER TRANSMISSION CORPORATION LIMITED DURATION: - Training

from 6th June to 12th June 2016.

# CO- CURRICLAR ACTIVITES ( align year towards right)

* Won TECHNODEBATE of EESA-2016.
* Presented technical paper in Sanshodhan-2016 on topic: **Energy saving by means of energy efficient motors.**

# EXTRACURRICULAR ACTIVITIES ( align ear towards right)

* Won intercollege elocution competition -2015
* Won dance competition in annual gathering of college:”NAVONMESH-2016”.
* Won debate competition in annual gathering of college: NAVONMESH-2015 and under National Service Scheme (NGO) NSS-2013-14.

# POSITIONS OF RESPONSIBILITY:

* Worked as **Treasurer** in the Departmental Forum” EESA’s Electro fest -2015, a National Level Technical Symposium.”
* **Chief Editor** of the college magazine UMANG.
* Worked as the **coordinator** for Abhyudaya-14.

# HOBBIES AND INTERESTS:

* Public speaking
* Poem composition
* Dancing

**DAY 03**

1. Create your own resume data in JSON format.

Ans: {

"basics": {

"Name": "Ayushi Rhutwik Pohekar",

"Label": "",

"Picture": "",

"Email": "ayushi2021.29@gmail.com",

"Phone": "9131272889",

"Degree": "Btech in electrical engineering",

"Address": {

"postalCode":6600042,

"city": "Chennai",

},

"Education": [

{

"Secondary education": "lala kailashpat singhania high school",

"CGPA":10,

"Higher secondary education":"Lala kailashpat singhania High school",

"Percentage":90.6,

"Graduation":"Electric engineering",

"CGPA":9.29,

"Post Graduation":"Industrial drives and control"

"CGPA":9.16,

: }

],

"Awards": [

{

"Title": "Won several debate and eloquation competition at school and college level",

}

],

"Publications": [

{

"Name": "A review:Fundamentals and speed control of brushless DC motorsA review.

"Publication":PENSEE International journal · Mar 23, 2021

}

],

"skills": [

{

"Name":Javascript

]

}

],

"languages": [

{

"language": "English,Hindi,Marathi",

}

],

"Interests": [

{

"Name": "Dance,oratorship,poem,reading",

]

}

]

}

1. Read about the difference between window, screen and document in JavaScript.

Ans: **Window** is the execution context and global object for that context's JavaScript.

**Document** contains the DOM, initialized by parsing HTML.

**Screen** describes the physical display's full screen.

**Window:**

Each browser tab has its own top-level window object. Each <iframe> (and deprecated <frame>) element has its own window object too, nested within a parent window. Each of these windows gets its own separate global object. window.window always refers to window, but window.parent and window.top might refer to enclosing windows, giving access to other execution contexts. In addition to document and screen described below, window properties include.

* setTimeout() and setInterval() binding event handlers to a timer.
* Location giving the current URL.
* History with methods back() and forward() giving the tab's mutable history.
* navigator describing the browser software

# Document:

Each window object has a document object to be rendered. These objects get confused in part because HTML elements are added to the global object when assigned a unique id. E.g., in the HTML snippet

<body>

<p id="holyCow"> This is the first paragraph.</p>

</body>

the paragraph element can be referenced by any of the following:

* window.holyCow or window["holyCow"]
* document.getElementById("holyCow")
* document.querySelector("#holyCow")
* document.body.firstChild
* document.body.children[0]

**Screen**

The window object also has a screen object with properties describing the physical display:

* screen properties width and height are the full screen
* screen properties avail Width and avail Height omit the toolbar

The portion of a screen displaying the rendered document is the **viewport** in JavaScript, which is potentially confusing because we call an application's portion of the screen a window when talking about interactions with the operating system. The getBoundingClientRect() method of any document element will return an object with top, left, bottom, and right properties describing the location of the element in the viewport.