

CURRICULAM VITAE

PRASAD M TAMBAVEKAR

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ACADEMIC QUALIFICATIONS: -

- Detailed Semester results:

Degree	Year	University/AICTE	Institute	CCPA/ Percentage
B.E.	2016-17	Mumbai University	ACPCE	7.46
H.S.C	FEB-2013	Maharashtra Board	SCASC	73.83%
S.S.C	MARCH-2011	Maharashtra Board	ST JUDES HIGH SCHOOL, KALYAN (E)	90.73%

WORK HISTORY: -

1) SR. ASSISTANT LOCO PILOT AT CENTRAL RAILWAYS, MUMBAI DIV.: - 09/2019 - PRESENT

- Assisting Loco Pilot for safe working of trains
- Proper examination of locomotives before commencement of journey.
- Assisting Loco Pilot in sighting and call out aspects of signal to Loco Pilot.
- Be alert at all times to ensure safety of trains and passengers within.

2) ELECTRICAL DESIGN ENGINEER at DSG CONSULTANTS PVT. LTD.: - 12/2017 – 12/2018

- Designing Electrical & ELV load list, SLD, Cable Schedule, Earthing & Lightning Protection Calculation, for Residential, Commercial and Industrial Projects as per NBC & IS Standards.
- Panel and Cable Vendor Review.
- Coordinated technical development, scheduling and problem solving for engineering design.
- Rendered technical drawings and electrical systems specifications that exceeded company standards.
- Continually improved methods and procedures for processes, measurement, documenting and work flow techniques.
- SOFTWARES: MICROSOFT OFFICE, CAD.**

TRAININGS: -

- CENTRAL RAILWAY KURLA CARSHED: Understanding working of trains by understanding and knowing various sections.
- Certificate of Training at 220/22 KV GIS based SUBSTATION, Bhandup: Understanding Power distribution and exact application of GIS Substation, Transformer testing.

TECHNICAL SKILL SET: -

- HTML
- CSS
- JavaScript
- Electrical Load Calculation.
- BOQ & Tender Specifications for Electrical & ELV System.
- Wiring schematics
- Panel Specifications
- C,C++
- MICROSOFT OFFICE

RESEARCH PAPER: -

- “DESIGN AND IMPLEMENTATION OF SOLAR TRACKING”** AT 4TH NATIONAL CONFERENCE on ADVANCES in TECHNOLOGY and MANAGEMENT (NCATM -2017).

- Received “**BEST PAPER AWARD**” for suggesting and providing a successful application for utilization of solar energy.

PROJECT:-

Successfully completed the project on “**DESIGN AND IMPLEMENTATION OF SOLAR AXIS TRACKING SYSTEM**”.

- The aim of the project was to keep the solar photovoltaic panel perpendicular to the sun throughout the year in order to make it more efficient.
- The dual axis solar photovoltaic panel installed with LDR sensor takes astronomical data as reference and the tracking system has the capability to sense the maximum radiation and always point the solar array toward the sun and can be installed in various regions with minor modifications.
- The vertical and horizontal motion of the panel is obtained by taking altitude angle and azimuth angle as reference. The fuzzy controller (Arduino) along with H-Bridge has been used to control the position of DC motors.
- The mathematical simulation control of dual axis solar tracking system ensures the point to point motion of the DC motors while tracking the sun.

CERTIFICATES:-

- Certificate of participation in ARDUINO DAY 2017, organised by ISTE SAKEC.
- FIRST PRIZE in HINDI SUBJECT in ACADEMICS, 2010-2011.
- Certificate for Passing DR.HOMI BHABHA BALVAIDNYANIK COMPETITION 2009-2010.
- Certificate for Participating In TALUKA LEVEL SCIENCE PROJECT, 2009-2010.

EXTRA CURRICULAR ACTIVITIES:-

- Member of college PHOTOGRAPHY Committee.
- ‘INDUSTRIAL VISIT HEAD’ in EESA, 2015-2016.
- ‘INDUSTRIAL VISIT CO-ORDINATOR’ in EESA, 2014-2015.
- FIRST PRIZE in MARATHI DEBATE, 2009-2010.
- FIRST PRIZE in 400m RELAY RACE, 2009-2010.
- THIRD PRIZE in MARATHI ESSAY WRITING, 2009-2010.

PERSONAL INFORMATION:-

- Date of Birth : 30th April, 1996.
- Nationality : Indian.
- Gender : Male
- Marital status : Unmarried.
- Languages Known : Marathi, Hindi, and English.

DISCLOSURE:-

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

(Prasad Maruti Tambavekar)