

CURRICULUM VITAE

DALISH SHARMA

Sr. DESIGN ENGINEER (DESIGN & DEVELOPMENT)

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OBJECTIVE :-

A position of responsibility, challenge and repute in a healthy congenial working environment. The job I seek must provide adequate scope for self-development and opportunity for growth. My aim is to excel in the position entrusted upon me and to the organization I join.

EDUCATIONAL QUALIFICATION :-

Qualification	Board/University	Year of Passing	College/School	Percentage
B.TECH (MECHANICAL ENGINEERING)	UTTAR PRADESH TECHNICAL UNIVERSITY	2015	G.N.I.O.T (GR. NOIDA)	77% (AGG.) (1 ST DIV-HONS.)
INTERMEDIATE	UP BOARD	2011	G.I.COLLEGE (CHANDAU)	75%
HIGHSCHOOL	UP BOARD	2009	G.I.COLLEGE (CHANDAU)	70%

- Secured 1st position at school level in 10th.
- Secured 2nd position at school level in 12th.
- Got position in top 5 students in the branch at college level.
- Qualified GATE Exam in 2016

GATE 2016 EXAM DETAIL :-

- GATE MARKS – 46.36/100
- GATE SCORE – 520

ORGANIZATIONAL EXPERIENCE :-

ORGANIZATION NAME – E-PACK POLYMERS PVT. LTD.

DESIGNATION – Sr. DESIGN ENGINEER (DESIGN & DEVELOPMENT)

- Sr. DESIGN ENGINEER - DECEMBER 2017 TO TILL DATE
- DESIGN ENGINEER - MARCH 2016 TO DECEMBER 2017
- TRAINEE - SEPTEMBER 2015 TO MARCH 2016

DURATION – FROM SEPTEMBER 2015 TO TILL DATE....

JOB PROFILE –

- To design the members of a particular product or combination of the different members making a defined product, w.r.t. loading & thermal condition with Finite Element Analysis (FEA) Tool called ANSYS (APDL & WORKBENCH). The members can be of different materials. The member geometry can be 2D/3D as per the requirements.
The complete analysis has three parts which are as follows -
 - To model the members geometry in 2D/3D with 2D/3D modeling software (AutoCad / SolidWorks).
 - To import the same geometry on Ansys software. After that set up the support (Fixed, Pinned etc.), loading conditions (Force, Pressure, Moment etc.) & desired result factors (Deformation, Stress Generated, Strain etc.).
 - To solve it with meshing & get the desired results.

COMPANY PROFILE -

E- Pack Polymers Private Limited, established in the year 1999, as a manufacturer of finest Prefabricated Structures, Products and Building components. E-Pack is an imperative fragment of East India Group, having an extensive range of products, and over 650 Crores group turnover. The East India Group was established in the year 1989, initiated with EPS Packaging manufacturing, under East India Technologies (P) Ltd.

E-Pack has comprehensive infrastructure for products like thermally insulated panels, light gauge steel framing, PEB structures etc. The group also delivers their prefab products and services for chemical earthing, lightning arresters under the brand name of Ennov Infra Solutions. The group molded pool of high value clients in quick time, extending from electronic and automotive industry with the help of precision and meeting clients' requirements. E- Pack is one of the topmost PEB Manufacturing Company in India. With continuous hard work, dedication and assurance along with advanced ideas, The East India Group set up another extension for the Electronic manufacturing services, as E-Durables in 2003, in Dehradun. Company's major activity includes of insulated sandwich panels, prefabricated structures, prefab steel structures, temporary site office, porta cabin, container office etc.

E-PACK POLYMERS PVT. LTD. is one of the leading & most respected company in insulation & packaging sector in India specializing in –

- PUF/EPS/ROCKWOOL SANDWICH PANELS.
- PRE-ENGINEERED BUILDING SOLUTIONS (PEB).
- CUSTOM MOLDED PROTECTIVE EPS PACKAGING.
- LGSF STRUCTURE
- PREFABRICATED GUEST HOUSE
- PREFABRICATED OFFICE BUILDING

MAJOR PROJECTS -

- **K-HOUSE (G+0, G+1, G+2) - NEW DEVELOPMENT (SHAPOORJI PALLONJI, JMC, BIRLA CORPORATION LTD. , IOCL, MARATHON INDIA etc.)**

TEAM SIZE - 1 ENGINEER & 3 DETAILER

DESCRIPTION - K HOUSE is a new development of EPACK GROUP first time in India. It generally used for labour hutment.

SOFTWARE USED - ANSYS WORKBENCH , STAAD PRO , SOLIDWORKS & AUTOCAD.

- **STORE ROOM - TATA POWER**

TEAM SIZE - 1 ENGINEER & 2 DETAILER

DESCRIPTION - We have done large no. of store room for TATA POWER.

SOFTWARE USED - STAAD PRO , AUTOCAD.

- **ICR (INVERTER CONTROL ROOM) - BOSCH**

TEAM SIZE - 1 ENGINEER & 2 DETAILER

DESCRIPTION - We have done large no. of ICR for BOSCH.

SOFTWARE USED - ANSYS WORKBENCH , STAAD PRO , SOLIDWORKS & AUTOCAD.

- **E HOUSE - SCHNEIDER , BOSCH , ESSEL etc.**

TEAM SIZE - 1 ENGINEER & 2 DETAILER

DESCRIPTION - It is liftable type of control room for Solar Energy.

SOFTWARE USED - ANSYS WORKBENCH , SOLIDWORKS & AUTOCAD.

- **SOLAR STRUCTURE - PAAWAN ENERGY , PNC INFRA etc.**

TEAM SIZE - 1 ENGINEER & 1 DETAILER

DESCRIPTION - It is solar panel mounting structure of different type such as Ground Mounting , Industrial Shed , Residential Roof etc.

SOFTWARE USED - ANSYS WORKBENCH , SOLIDWORKS & AUTOCAD.

- **OTHERS -**

- MI HOUSE
- LIFTABLE PORTA CABIN
- ANTI SLOPE SOLAR STRUCTURE
- RO SHELTER WITH WATER ATM
- OFF GRID BOX

COLLEGE PROJECT DETAIL :-

PROJECT TITLE - PEDAL POWERED ROPE WATER PUMP

Pumps are a common means of lifting water from a clean ground water source to a useful point of access, but all pumps have moving parts and are therefore destined to break proper selection of a pump will reduce undesirable downtime and will empower the local community to manage their water source.

A rope pump is a kind of pump where a loose hanging rope is lowered down into a well and drawn up through a long pipe with the bottom immersed in water. On the rope, round disks or knots matching the diameter of the pipe are attached which pull the water to the surface. The rope pump is a very simple, low cost, easily understood and maintained pump that can also be very efficient.

The rope is driven by a pulley wheel at ground level which pulls the rope down into the water over a static guide block and then back up through the rising pipe (rising main). Along the rope are spaced small pistons that can be plastic conical pieces, discs, washers, wooden blocks or even pieces of material. These pistons fit just inside the pipe such that the water is lifted up with rope as it passes from the bottom of the well to the top of the pipe. The rope moves at around one meter per second and the pulley is driven by pedal power. The pump has been highly successful in China, Nicaragua, Zimbabwe, and many other countries and regions across the world.

SOFTWARE PROFICIENCY :-

- AutoCad (2-D COMPLETE & 3-D BASIC)
- SOLIDWORKS
- STAAD PRO
- ANSYS APDL (STRUCTURAL & THERMAL)
- ANSYS WORKBENCH (STRUCTURAL & THERMAL)
- Office Suite – MS Office, MS Excel, MS PowerPoint.

INDUSTRIAL VISIT :-

Honda Car India Pvt. Ltd., Gr Noida (G B Nagar)

TRAINING ATTENDED :-

- Worked as Trainee for 45 Days at **JAKSON ENGINEERS LIMITED, ECOTECH-3, GREATER NOIDA** Internship at **SOLAR INVERTER & GENERATOR.**
- Worked as Trainee for 50 Days at **SUNSTAR PRECISION FORGE LIMITED, ECOTECH-3, GREATER NOIDA** on the Project of **CNC MAINTENANCE.**
- Worked at **AUTOCAD.** During Training Period Worked on the Project **MOTOR BLOWER ASSEMBLY** using AUTOCAD Technology for 30 days.

FAVOURITE SUBJECTS :-

- Strength Of Material (SOM)
- Theory Of Machine (TOM).
- Fluid Mechanics (FM)
- Heat And Mass Transfer (HMT).
- Production Engineering.

SKILLS & ABILITIES :-

- Good communication skills
- Discipline in work.
- Dedication and patience in work
- Adjusting to the situations
- Self motivated
- Eagerness to learn new things

PERSONAL DETAIL :-

- **Father's Name** :- Mr. Narendra Kumar Sharma
- **Address** :- Village- Bhojpur, Post- Baharpur, District- Aligarh (UP) 202132
- **D.O.B.** :- 10th July 1995
- **Gender** :- Male
- **Marital Status** :- Unmarried
- **Language Known** :- Hindi & English

DECLARATION :-

I hereby solemnly declare that the particulars of information and facts aforementioned are true, correct and complete to the best of my knowledge and belief.

PLACE :- GR. NOIDA

(DALISH SHARMA)