

INBASEKARAN A

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CAREER OBJECTIVE

To secure a challenging position in a growth oriented organization and continuously strives for excellence.

ACADEMIC PROFILE

- 2013-2015 : M.E (CAD / CAM)- The Kavery College of Engineering,
Salem- Anna University (Chennai)- **8.40**CGPA
- 2008-2012 : B.E (Mechanical Engineering) – Jeppiaar Engineering College,
Chennai–Anna University (Chennai) – **8.90**CGPA (**GOLD Medallist**)
- 2008 : HSC – Bharathi Vidhalaya Higher Secondary School, Salem – **87.1%**
- 2006 : SSLC – Bharathi Vidhalaya Higher Secondary School, Salem – **86.4%**

CERTIFICATION

- Proficient in **AUTOCAD, SOLID WORKS, PRO –E & ANSYS**
- Gained insight on programming in C++ through a **PG Diploma in Computer Application.**

PG MAIN PROJECT

Project Title : **Analysis of Automobile Brackets Using Finite Element Method**

SOFTWARE : **Ansys**

DESCRIPTION : The objective of the project was to test and improve the structural integrity of an automobile bracket through finite element methods.

UG MAIN PROJECT

Project Title : **Experimental and Numerical Analysis of Heat Transfer in A Horizontal AI Pipe**

SOFTWARE : **CFD**

DESCRIPTION : The project was a study and analyse the various parameters influencing heat Transfer in horizontal AI pipe through experimental and simulation methods.

TEACHING WORKING EXPERIENCE

June 2015- Till now : The Kavery College of Engineering,Salem
Job Title : Assistant Professor

ESSENTIAL DUTIES AND RESPONSIBILITIES

- CAD / CAM Laboratory incharge.
- Mechanical Dept Time Table Co-Ordinator .
- AICTE – CII Mechanical Dept Co-Ordinator.
- Website – Mechanical Dept Co- Ordinator.
- Class Advisor for present final year students.

INDUSTRY WORKING EXPERIENCE

June 2012 – June 2013 : **Atharva Engineers Pvt Ltd,Coimbatore**
Job Title : **Design & Production Engineer**

ESSENTIAL DUTIES AND RESPONSIBILITIES

- Review production orders or schedules to ascertain product data such as types, quantities, and specifications of products and schedule delivery dates in order to plan department operations.
- Support in planning production operations, establishing priorities and sequences for manufacturing products.
- Compare BOM with actual production data and summarize material losses (incoming vs used/output)

ACHIEVEMENTS

- Published a paper about **DESIGN & MODIFICATION OF AERO SHAFT FROM PNEUMATIC TO MECHANICAL** (Volume: 03 Issue: 04 | Apr-2016 | p-ISSN: 2395-0072) in **IRJET e-ISSN: 2395 - 0056**
- Published a paper of **DESIGN & FABRICATION OF TURBO POWER GENERATOR** in INTERNATIONAL CONFERENCE in The Kavery College of Engineering, Salem.
- Published a paper of **DESIGN & MODIFICATION OF SINGLE CUTTING POINT IN TO DOUBLE CUTTING POINT TOOL** in international conference in Jeppiaar Institute of Technology, Chennai.
- Active member of the **Society of automotive engineers**

- Designed, built and tested an All-terrain vehicle as a part of 24 member team and competed in a prestigious motorsport event **SAE BAJA**.
- Secured the position of **21st rank holder** in anna university 2012 batch
- Undergone **INPLANT TRAINING** for 7 days in **NEYVELI LIGNITE CORPORATION LIMITED**, Neyveli

PERSONAL DETAILS

DOB : 4th Aug 1991
Father's Name : Mr. K.Alagarasan
Nationality : Indian
Languages Known : English, Tamil
Personal Traits : Self Motivated, Curious and a Good Team Leader
Hobbies : Playing cricket and chess, listening to soothing music

DECLARATION

I hereby assure you that the information furnished above are true to the best of my knowledge and belief

DATE :

PLACE : Salem.

Authentically,

(INBASEKARAN A)