

JAYAKANTHAN R



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CAREER OBJECTIVE

Seeking for an opportunity which protrudes my Professional and Production capabilities in accordance with inhibiting value engineering in terms of pursuing organisation's goal with respect to job satisfaction!

EDUCATION

DEGREE	UNIVERSITY	YEAR	PERCENTAGE
B.E-Production	Government College Of Technology, Coimbatore	2012 - 2016	77.7%
HSC	Santhome Higher Secondary School, Chennai	2011 - 2012	93.9%
SSLC	Sjns Jain Vidhyalaya Matriculation Higher Secondary School, Chennai	2009 - 2010	88.2%

CORE KNOWLEDGE

- **Foundry**
 - *Core shop
 - *Casting defects
 - *Sand plant
- **Production planning**
 - *Process optimisation – method study, work study, 5S, Kaizen
 - *Plant engineering – Inventory management, warehouse safety
- **Mechatronics**
 - *Sensors & transducers – arduino board,
 - *Rfid technology, barcode and QR code technology

INDUSTRIAL EXPERIENCE

In plant training : TVS motors

Internship : HINDUJA Foundries

Industrial visit : PSG Foundry

SOFTWARE SKILLS

Technical : AUTO CAD, CREO, STAAD PRO

NON-Technical: After Effects, Power Director, Swish Max

WORK EXPOSURE AND ACCOMPLISHMENTS

Godrej & boyce mfg ltd –Chennai : TENURE from November 2016 to November 2017

I was associated with both NPD and R& D team.

1. **NPD** – During my tenure in new product development team,
 - **Roles & responsibilities :**
To develop, work out & create conceptual methodologies – phase 1
To plan, analyse, developing working prototype and testing –phase 2

The following are the projects which I was involved and executed above principles.

- Successfully completed the working prototype of “**over load indicator**” with more than two mechanisms
- Proposed a working mechanism and complete ideology for a product “**Rack safety sensor**”
- Proposed a conceptual and working ideology in **PAS** (pedestrian alert system) which considerably improves warehouse safety

2. **R & D** – During my tenure in Research and Development team,

Roles & responsibilities:

1. Seismic projects – The only team to analyse and provide structural sections for earthquake zones in entire Godrej storage solutions on a daily commitment basis.
2. PQC- Have individually studied more than 10 site failures and have successfully simulated the failure reasons
3. Development projects- also involved in projects like cost optimisation , standardisation of existing products , product engineering
4. Conducted numerous tests and involved in preparation of load charts,
 - ***Compression** test - Upright columns
 - ***Joint stiffness** test – Beam end moment
 - ***Shear** test – connection failure
 - ***Deflection** tests – beams, panels, pallets
 - ***Collapse** tests- beams, panels, pallets
5. Have executed 5S principles on prototyping lab

“**SKILLS ACQUIRED** - benchmarking, sop compilation, fish bone analysis
Gantt chart “

PHASE APART FROM ACADEMICS

- * Done **branding** for an Enterprise named **Spice**.
- * Released a **promo video** for the event “No **Alcohol** “on behalf of a social team called DHAAGAM.
- * Active creator of promos and videos for the Department of Production Engineering.
- * Owing a YouTube channel called “**The Civix** ”
- * **Ardent budding wildlife photographer** - <https://jayfotography.carbonmade.com/>
- * More fond of bird photography and have captured species like kingfisher, hummingbird, Wild sparrows, bee eaters, vented bulbuls etc.
- * Habitual book reader and favourite authors are Dan brown, Sidney Sheldon & Jayakanthan.

DECLARATION

I hereby assure you that the data furnished above is authenticated to the best of my knowledge.

Date:

Place: Chennai.

(JAYAKANTHAN R)