

# TUSHAR RAY

## PRODUCTION PLANNING ENGINEER

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### Summary

**Meticulous Production & Planning Engineer – 3Yrs. Experience in operations to ensure the cost-effective completion of various projects – Committed to determining the optimal sequence of operations at the work site while implementing efficient construction methods – Specialize in meeting deadlines and ensuring compliance with safety standards.**

Seeking rewarding career as Production planning & control engineer level assignments in heavy Machineries - Supply Chain –Sourcing –Operations –Vendor Development with an Organization of Repute

### Work History

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#### Hyva (India) Pvt. Ltd.

Jun, 2017-Present

Production Planning and Control Engineer

Hyva India Pvt Ltd is one of the top truck body manufactures in India. It is 100% subsidiary of Netherland based multinational Hyva group. They are the largest producer of telescopic cylinders in the world.

#### Nature of Work:

- Ensure daily production requirements are achieved to meet customer expectation.
- Analyse and prepare documents needed for production.
- Data analysis and decision making to support raw material supply and finished goods demand.
- Maintains the production schedule and other reports as required.
- Follow-up as required with all teams to expedite flow of materials and documents to meet production schedule and customer expectation.
- Complete status reports for production progress, work in process, and raw material inventory.
- Interacts with shop floor management on a daily basis to resolve issues regarding manufacturing efficiencies or additional information as requested from Manufacturing.
- Handling subcontractors budgets cost, price negotiation, delivery schedule, price agreement, open purchase orders, quality and delivery
- Skilled in 5S execution, lean management to avoid scheduled delay.
- Review & Monitoring ERP MIS reports, Stock, W/H Inventory, FG. With management.
- Developing Alternate Vendors for cost effectiveness.
- Planning and making budget for procuring materials.
- Material Planning, BOM, Plan Review.
- Negotiation for the cost reductions.

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#### Nielsen Sports India Pvt. Ltd.

Aug, 2016-May,2017

Media Analyst

Nielsen Sports is the premier provider of analytics and insights within the sports industry, offering the most reliable source of independent and holistic market data in the sector and the most complete view of consumer trends and habits worldwide.

#### Nature of Work:

- Understanding of ERP system and Microsoft Office products; strong computer skills.
- Good customer service/phone skills and flexibility for handling a wide range of activities.
- Detail-oriented, ability to multi-task and prioritize tasks with strict deadlines.
- Strong Quantitative and Analytic skill.
- Two Bin concepts for C – Class items.

## Core Competencies

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### Production Planning:

Collecting forecast from various stake holders, Conducting Master Production Scheduling (MPS), Production planning as per the customer requirement based on priority rules, Monitoring Queue within the DLP, managing Forecast accuracy, analysing demand variations at FG , Product & group level, production attainment report, Define FG stocking Policy based on MTS, MTO, Managing SIOP process& planning to achieve target on Quantity & COGS monthly & yearly and Drive projects on customer service level improvement & delivery LT reduction.

### Material Management:

Material planning as per the MPS requirement, Rolling long term (Min 6 Month) material forecast to suppliers on monthly basis, Managing suppliers from Procure to Pay, Define MRP parameters& Managing RM stocking policy, Managing supplier service level, define Logistics terms & Condition (LTC), Inventory & NHS management within forecasted target, Monitor AIR SEA Ratio, Vendor assessment & development, conducting SCM SAM Audit for supplier qualification, Shortage management process to resolve supplier issue / delay in supplies, drive CI project on Milk Run, KANBAN, LT & MOQ reduction, Packaging improvement, improving forecast accuracy and SCM coordinator for PEP & QVE projects.

### Vendor development / Sourcing:

Identifying, Evaluating & Developing Vendors, Vendor Base management w.r.t business needs (Yearly/Quarterly), Upgrade of existing vendors (Green Channel/consolidation), Continual improvement is process (technical/transactional), Contingency/Business continuity planning/ Supplier Risk management (SRIM), Reduction in cost pertaining to total value chain. Finally, aim is "Do not just buy the material but Source it strategically"

## Commodities Handled

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1. **Bulk raw material Planning.** – HR and CR sheets, ERW and seamless tubes, Carbon steel, Alloy steel, die steels, Aluminium extrusion, Brass, SS304, 304L, 316 grade sheets and all types structural material and Copper.
2. **Components: Forgings** (max Dia 1200), Castings (Max dia3200mm), Fasteners, Sheet metal items, Press Components, Injection moulded parts, Powder and Paints etc.
3. **Subcontracting:** Machining – VMC, CNC, HMC, VTL, HBORING, Conventional machining, Thread rolling, Cylindrical grinding, Laser cutting, Profile cutting, Punching, Bending.
4. **Finishing:** Powder coating, Painting, Galvanizing, Acid Pickling, Plating, Grit and sand Blasting, Buffing etc.

## Educational Profile

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**Konark Institute of Science & Technology, Bhubaneswar**  
B. Tech (Mechanical Engineering)

**Aug, 2012 - Aug, 2016**

**CGPA : 8.45/10**

**Bahugram College, Cuttack**  
PUC (12<sup>TH</sup> - Intermediate Science)

**Apr, 2010 - May, 2012**

**Percentages: 50%**

## Projects

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**Konark Institute of Science & Technology, Bhubaneswar**

**Aug, 2015 - Feb, 2016**

**Major Project:** ABRASIVE WEAR BEHAVIOUR OF FLYASH REINFORCED EPOXY COMPOSITE

### Details:

Carbon fabric reinforced epoxy and carbon fabric reinforced epoxy containing different weight fraction of silane-treated fly ash cenospheres filled composites were cast, sectioned, and subjected to three-body abrasive wear tests for evaluating the abrasive wear behaviour. Mechanical characterization was done and a comparison was made between the different samples. Abrasive wear tests were performed on a rubber wheel abrasion tester under different loads, abrading distances using quartz and silica sand as abrasives. The results showed that both unfilled carbon fabric reinforced epoxy and fly ash cenospheres filled carbon fabric reinforced epoxy composites exhibit differing magnitudes of wear volume loss, it being highest for unfilled carbon fabric reinforced epoxy composite.

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**Konark Institute of Science & Technology, Bhubaneswar**

**Apr, 2015 - May, 2015**

**Minor Project:** Fabrication and utilisation of hand injection mould

### Details:

A month of rigorous learning ultimately came out as a project on Hand-Mould Key Ring.

## Seminars

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- Has participated in the workshop on Advances in Automobile Engineering **BS VI ENGINES**.
- Has Presented Seminar on Computational Fluid Dynamics.
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- Presented Seminar on Auto Mobile Engineering.
- Has Participated in Industry Institute Partnership Cell.

## Technical Skills

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- Operating System in **WINDOWS 7, WINDOWS 8, Android**.
- Good hold on **Excel and MS Apps**.
- Basic knowledge on C.
- Experienced in using **OMNI-CAD, CAD Software**.
- **SAP ERP:** 2 Yrs. Experience in Releasing PO, Sub-Con Price Approval, Scrap Posting, Warehouse Ordering, Stock Updating and Releasing Production Order etc.

## Interest/Hobbies

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- Playing Cricket & Badminton.
- Singing, Travelling

## EXTRA CARICULLAM ACTIVITES:

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- Volunteer at college & school function.
- Participated in various act in College & School.
- Organized Blood Donation Camp.

## Personal Profile

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**MOTHER's NAME** : Mrs. Subhashree Ray  
**DATE OF BIRTH** : 15.06.1995  
**MARITAL STATUS** : Unmarried  
**GENDER** : Male  
**LANGUAGES KNOWN** : Odia, Hindi, English

## References

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- **Mr. G.S. FAUJDAR**, Production Manager, HYVA INDIA PVT. LTD. , Bangalore , India  
**Ph: +91 9894600242**  
**Mail Id: [g.faujdar@hyvaindia.com](mailto:g.faujdar@hyvaindia.com)**
- **Mr. Sugumar K**, Sr. Engineer (Planning), HYVA INDIA PVT. LTD. , Bangalore , India .  
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**Date:**  
**Place: Bengaluru**

**(TUSHAR RAY)**  
**Signature**