

AASHANK DWIVEDI

M.Tech. (Packaging Technology)

Contact No: 8989078483

Email: aashankiitian@gmail.com

Registration No: M.Tech./PKG/15555001/2017

IIT Roorkee**Area of Interest**

Printing, Lamination and Coating, Flexible Packaging, Food and Pharma Packaging, Manufacturing, Production.

Career Objective:

To work and grow with a well established organization that will lead to a lasting relationship in the field of Technical Support, Production and Process Development.

Knowledge Preview:

- Strong technical competency with more than 8 years of experience in Printing and packaging industries.
- Good understanding of all the products and its applications.
- Ability to attend, solve day to day problems with only serious issues being escalated to higher authorities.
- Confidence and flexibility to often work under significant pressure to deliver effective and high-quality solution are essential

Education:

| Year | Degree/Examination | Institution/Board | CGPA/ Percent age |
|------|-------------------------------|--------------------------------------------------|-------------------------|
| 2017 | M.Tech.(Packaging Technology) | IIT Roorkee | 7.9 |
| 2013 | B.E.(Mechanical Engineering) | Vindhya Institute of Technology & Science, Satna | 75.72% |
| 2009 | Twelfth | Chinmay H.S. School | 68.8% |
| 2007 | Tenth | Chinmay H.S. School | 74.6% |

Work Experience: More than 8 Years

Currently Working with **Om printing and flexible packaging (Uma Group)** as a **Production Head** from Oct 2022 to till date.

Organization Details:

Company Name: Om Printing and flexible Packaging (Uma Group).

Uma Group Manufacture Packaged food packaging, beverage packaging, pharma & medical, personal & home care, industrial Applications and other specialities.

Duration: From 1st Oct 2022- Present.

Designation: Production Head (Printing, lamination, BFL, Pouching and Slitting Department)

Machinery: Printing M/c- 1, Lamination M/c- solvent less and solvent base, Slitting M/C- 2, BFL-1, Pouching-2.

Printing Substrate: Pet, BOPP, BOPA, POLY.

Job Responsibilities:

- Managing Production planning for Process.
- Working on new product development for food packaging regarding every property like bond, seal strength, OTR, WVTR, VLT, COF, Dart strength etc
- Check designs and confirm No. of color & cylinder's physical parameter as per artwork size and printing process.
- Check & Preparing costing report of the product.
- Preparing Production Report and maintaining it.
- Planning for RM (BOM) and organizing Production Schedules as per Order.
- Process development and developing new S.O.P. for product Quality.
- Raised indent for RM and Machine per as per specification.
- Check inventory and order the resources that are required and ensure stock levels remain adequate
- Check quality parameters of substrate, ink, adhesive, granules and cylinders as per process.
- Preparing shift schedule and maintaining it.
- Ensure Quality parameter which required for product.
- Enforce health and safety precautions.
- Monitor production process and resolve issues which came in process.
- Report to upper management.
- Check maintenance work report and plan maintenance shift schedule as per work load.

Company Name: Rasik Products Pvt. Ltd.

Rasik Products Pvt. Ltd. Manufacture Hot Stamping foils & Holographic films, Transfer Metallized/ Holographic Paper & Boards, Customized Holography, Gift Wraps, Sequins, Flexible Packaging Materials.

Duration: From 1st July 2021- Sep. 2022.

Designation: Production Head (Printing and lamination Department)

Machinery: Printing M/c- 6, Lamination M/c- 3 solvent base, Slitting M/C- 8, Rewinder- 4. **Printing Production:** 350 ton paper/month, 50 ton metalized/month

Job Responsibilities:

- Managing Planning and organizing Production Schedules as per Order for printing machine, lamination and slitting machine..
- Process development and developing new S.O.P. for product Quality
- Check designs and confirm color as per printing process.
- Check inventory and order the resources that are required and ensure stock levels remain adequate
- Check and calculate costing of the product as per process.
- Check quality parameters of substrate, ink and cylinder as per printing process.
- Organize workflow to meet specifications and deadlines.
- Monitor production process and resolve issues which came in process.
- Supervise and evaluate performance of production personnel (quality inspectors, workers etc.)
- Preparing shift schedule and maintaining it.
- Check maintenance work report and plan maintenance shift schedule as per work load.
- Approve maintenance work, purchasing of equipment etc.
- Enforce health and safety precautions.
- Report to upper management.

Company Name: Afflatus Gravures Pvt. Ltd.

Afflatus Gravure Pvt. Ltd. Manufacture Gravure Printing Cylinder (Electromechanical and laser technology), Flexo Printing Plate, Decorative Cylinders, Embossing Cylinders, Leather-Embossing Cylinders, Coating Cylinders, Board Printing Cylinders, Rotary Stamping Dies & Rollers and Special Designs Sun-Mica.

Duration: From 1st June 2017- 30th June 2021

Designation: Sr. Officer (QA and Process development)

Job Responsibilities:

- Primary responsibility for development and support of our products at customer's premises.
- Work with technical support team & Customer visit for troubleshooting in customer side.
- Check and improve engraving parameter of the cylinder, Ink parameter and Substrate parameter from printing point of view.
- Improvement of process (Electro Plating and finishing) and develop new SOP for Product quality.
- Work with production line engineers to find best method for reduce rejection and improve quality of product.
- Develop and maintain activity schedule for new project just like reduce stylus break, Cu consumption, reduce process rejection and reduce lead time.
- Identify new business opportunity for company local customer.
- Develop/recommend printing solutions to the customer.
- To take cost comparison trials at customer end.
- To take finger printing trials at customer's premises and insure its success.
- Observation of market and competitor from technology point of view.
- Answer technical queries in a structured & comprehensive way (verbal & written) according to defined standard.
- Ability to work with large printers and converters for managing the solvent and waterbase inks business.
- In case of any technical problem or introduction of new product, co-coordinating for necessary trials.

Training:

Company Name: Uflex chemical division.

Duration: From 1st Sep 2017- 31 Oct. 2017.

Observed different processing and methods of making Ink (Ex. Water base ink, solvent base ink) and testing parameter of ink.

Instrumentation:

Tensile Bond Strength, Blocking Tester, Viscometer (Brookfield), Karlfischer (moisture analyser) ,Spectrophoto meter(X-rite), Surface Tension, Ring &Ball method, Larey, Zahncup,FTIR Spectroscopy, PH meter, Cunductivity meter,COF tester, Rub tester, Bond Strength Tester, HR tester, Sealing tester

Company Name: Uflex films business.

Duration: From 1st Nov. 2017- 31 Dec. 2017.

Observed different processing and methods of making different type of polymers films (Ex. PET, CPP, BOPP) and testing parameter of Films.

Instrumentation:

Surface Tension Tester, Tensile Bond Strength (MD/TD) Tester, Seal strength Tester, visibility and appearance.

Company Name: Montage enterprises private limited, Haridwar.

Duration: From 1st Jan. 2018- 28 Feb. 2018.

Observed different processing and methods of gravure and flexo printing on different substrate (Ex.Paper, PET, CPP, BOPP) and testing parameter of Printed sample.

Instrumentation:

GSM, Bond Strength Tester, COF tester, Sealing tester, visibility and appearance.

Internships:

Analysis of Heavy-Duty Graphite Electrodes and Nipples | HEG, Mandideep, Bhopal (21-06-12 - 20-07-12)

- Observed different processing and methods of making of electrodes and nipples
- Analysis of Rail and Engine.

Vocational Training in Diesel Loco Shed, NewKatni Junction (04-06-12 - 16-06-12)

- Observed working process of Railway engine (Diesel and electric)

Projects:

Bending stiffness of paper board | IIT Roorkee (1 year)

- Optimization of factors to improve compression strength of paperboard. increase the bulk of middle layer of paperboard to increase compression strength by using OCC, ONG and Office paper waste.

Instrumentation:

Strength Tester (RCT, Bending stiffness, tensile strength), Fiber analyzer, Porosity Tester, OTR, WTR, visibility and appearance, Surface tension Tester, FTIR Spectroscopy.

Vertical Floating Turbine | VITS, Satna (6 months)

- Conversion of kinetic energy of water into mechanical energy by using vertical floating turbine

Cooling Tower | VITS, Satna (2 weeks)

- Study of working Principal of cooling tower.

Awards / Scholarships / Academic Achievements:

- Scored 96.10 percentile in GATE 2015.
- GATE Qualified in 2014, 2015 and 2016.

- Participated in the 1st two-day workshop on Advances in packaging Technology in IIT Roorkee.

Skills:

| | |
|---------------------|----------------------------------------|
| Computer languages- | C |
| Software Packages- | MS Office. |
| Languages Known- | Hindi (SRW), English (SRW) |
| Strength | Good Learner, Hard Working, Leadership |

Extra Curriculars:**Donated blood**

- Donated blood in a camp organized by SBD District Hospital, in IIT Roorkee, SRE campus

Annual Sports Day

- Got 1st prize in Short Putt.

Personal Profile:

| | | |
|-------------------|---|-----------------------------------------|
| Father's Name | : | Sh. Mahanarayan Dwivedi |
| Date of Birth | : | 7 th March 1992 |
| Marital Status | : | Married |
| Permanent Address | : | Satna(M.P.) |
| Strength | : | Punctuality and Sense of Responsibility |
| Current CTC | - | 15.6 LPA |
| Date | : | |
| Place | : | |

Declaration:

I hereby declare that the information given above is true to the best my knowledge.

AASHANK DWIVEDI