



Lokman Hakim

M.Tech in Packaging Technology (PG)
 Contact No: +918307891391
 Email: lokman_h@pt.iitr.ac.in
 Personal email: lokman.career@gmail.com
 Registration No: 21555005/2023

Indian Institute of
 Technology
 Roorkee



VERIFIED

Area of Interest

Printing (Offset, Flexo, Gravure, Digital), Packaging (Rigid, Flexible, Sustainable), Food & Pharmaceutical Packaging, Converting, Quality Control, Product Development, Ink Manufacturing, R&D

Education

Year	Degree/Examination	Institution/Board	CGPA/ Percentage
2023	M.Tech.(PG)	Indian Institute of Technology, Roorkee (Packaging Tech.)	86.00 %
2021	Graduate (UG)	Guru Jambheshwar University of Science and Technology, Hisar, Haryana (Printing Technology)	74.00 %
2016	Diploma	Govt Graphic Arts Institute, Dhaka, Bangladesh (Printing Technology)	71.00 %
2011	Matriculate (Class X)	Kishoreganj Technical School and College, Dhaka, Bangladesh	74.50 %

I have one year of experience in the startup screen printing business.

July 2016 - June 2017

Internships

Skill Ambassador | Henry Harvin

February 2022 - March 2022

- 1. Online promotions & Offline marketing to generate interests of students
- 2. Coordinate with influences to support and boost the reach of promotions (Committee heads, Placement team & Event organizers)

Internship | Battstik (Printing & Packaging), New Delhi

June 2021 - August 2021

- Graphic Designing according to customer demand
- Supervising Printing & Packaging operations and Quality Control
- Reporting to the Head of the organization

Summer Internship | Parksons Packaging Limited, Rudrapur, Uttarakhand

June 2019 - July 2019

- Printing Machines: ROLAND 700, RAPIDA 105 (KBA), PLANETA (Polygraph), GRAVURE (Zenhengli)
- Project: Reduction of Scum and Shade Variation Problem

Summer Internship | TEXOGRAPH Printing & Packaging, Dhaka, Bangladesh.

September 2020 - December 2020

- Project: REDUCE THE USE OF IPA IN JOBS

Industrial Training | Biman Bangladesh Airlines (Printing & Publication)

September 2015 - November 2015

- Printing -Press, Pre-press, and Post-press operations

Projects

Development of plant-based edible ink for printing and smart packaging applications | Indian Institute of Technology Roorkee

July 2022 - Present

- This project is my M. Tech dissertation project, which is under the guidance of Prof. Kirtiraj K. Gaikwad

NATURAL DYES FROM PLANTS FOR PRINTING AND SMART PACKAGING APPLICATIONS | Indian Institute of Technology Roorkee

May 2022 - August 2022

- Published one review paper on this topic and prepared natural dye from purple heart

Making a Semi-Automatic Screen-Printing Machine | Guru Jambheshwar University of Science and Technology

July 01, 2021 - August 13, 2021

- Machine Size: 600mm*460mm*120mm
- Printing Area: 280mm*130mm (Maximum)

Reduction of the use of IPA during Printing | Texograph Printing & Packaging

August 2020 - October 2020

- Successfully completed the project in the summer internship at Texograph Printing & Packaging, Dhaka, Bangladesh.
- Reduced 4.56 % of IPA during Printing

Application of 3D Printing | Guru Jambheshwar University of Science and Technology

April 2020

- Successfully completed the project (seminar) under the 6th-semester curriculum.

Reduction of Scum and Shade Variation Problem | Parksons Packaging Limited

June 20, 2019 - July 20, 2019

- Successfully completed the project in the summer internship at Parksons Packaging Limited, Uttarakhand, India.

Screen Printing and Laser Engraving | Guru Jambheshwar University of Science and Technology

April 2019

- Successfully completed the project under the 4th-semester curriculum.
- Making a diary by Screen Printing Machine and engrave in wood through laser engraving.

Digital Printing for Packaging | Guru Jambheshwar University of Science and Technology

April 2019

- Successfully completed the project (Seminar) under the 4th-semester curriculum.

Awards / Scholarships / Academic Achievements

- 1st position in the "Certificate Design" competition on the Bhawan's Day at IIT Roorkee, 15 December 2021
- 1st position in the "Poster Design" competition on the Bhawan's Day at IIT Roorkee, 15 December 2021
- 3rd Position in "GATI POSTER MAKING Competition, on the theme, Participation of Women and Girls in STEMM" Issued by Gender Advancement in Transforming Institutions, IIT Roorkee
- Best Skill Ambassador by Henry Harvin, 2022
- 1st position in T-shirt Design Competition on Annual Sports Day 2022 at IIT Roorkee, 15 December 2021
- Best Poster award for presenting the poster presentation on Edible ink in Institute Research Day-2023. Issued by Indian Institute of Technology, IIT Roorkee · Mar 2023

Skills

Software Packages	Adobe Photoshop, Adobe Illustrator, MS Word, MS PowerPoint, MS Excel, Origin, SPSS, Mini Tab
Additional Courses	Advanced Computer (12 weeks), Advanced Graphic Design (24 weeks), Advanced English Language (12 weeks)
Minor/Honors Courses	Becoming a Six Sigma Green Belt Building High-Performance Teams Change Management Foundations How to Manage Lean Six Sigma Projects: Part I How to Manage Lean Six Sigma Projects: Part II Lean Six Sigma: Analyze, Improve, and Control Tools Lean Six Sigma: Define and Measure Tools Learning Color Management Learning Minitab Print Production: Packaging Root Cause Analysis: Getting to the Root of Business Problems Statistics Foundations 1: The Basics Statistics Foundations 3: Using Data Sets Statistics Foundations: 3 Time Management Fundamentals Statistics Foundations: 2 Excel Essential Training (Office 365/Microsoft 365) IP Awareness/Training Personality Development by Coursera, Inclusive Leadership: The Power of Workplace Diversity, Leading Positive Change through Appreciative Inquiry, Be a Leader, Develop a Leader, Write Professional Emails in English English for Career Development
Languages Known	Bangla, English, Hindi

Positions of Responsibility & Extra Curriculars

Students' Representative, Departmental Placement Committee	Department of Paper Technology, IIT Roorkee May 2022 - Present
• Department Placement Representative of M.Tech Packaging Technology for session 2022-2023. • Collecting contacts of HR or Hiring person from the Packaging Industry • Communicate with HR or Hiring Person and invite them to recruit students	
Department Placement Representative	Indian Institute of Technology Roorkee August 2021 - Present
• Department Placement Representative (DPR) in the Department of Paper Technology- Packaging Technology • Provide the information to students and prepare them for training and various activities. • Helping the final year DPR for Placement activities	
Associate Coordinator	Indian Institute of Technology, Roorkee September 2021 - Present
• Proctoring Test • Conduct Interviews • Communicate with HR and Students • Coordinate all Training & placement activities related to hiring for the visiting company.	
Member of Department Placement Team	Guru Jambheshwar University of Science and Technology January 2021 - August 2021
• Successfully completed the responsibility as the team member of the Training and Placement cell • Collecting contacts of HR or Hiring person of Printing & Packaging Industry • Communicate with HR and Students • Help the DPR for the Placement & Internship related activities	
PARTICIPATION	ProPak India October 2021
• Attended Fi India & Hi and ProPak India Virtual Expo 2021	
VOLUNTEER	Govt Graphic Arts Institute, Dhaka, Bangladesh March 2018
• In "50 years celebration of Graphic Arts Institute"	

Research Publications

- Lokman Hakim, "Article: Plant based Dye for Packaging Applications", in http://ipmmi.org/PackMach_World.html, PackMach World Magazine, 2022
- Ram Kumar Deshmukh, Lokman Hakim, Konala Akhila, Dakuri Ramakanth, Kirtiraj k. Gaikwad, "Nano clays and its composites for food packaging applications", in International Nano letters, Springer, 2022
- Lokman Hakim, Kirtiraj K. Gaikwad, "Natural Dyes from Plants for Smart Packaging Printing and Applications", in Journal of Advanced Chemical Engineering, Walsh Medical Media, 2022
- Shefali Tripathi, Lokman Hakim, Deepika Gupta, Ram K. Deshmukh, and Kirtiraj K. Gaikwad, "Recent Trends in Films and Gases for Modified Atmosphere Packaging of Fresh Produce", in CRC Press, Apple Academic Press, 2022
- Pragya Srivastava, Dakuri Ramakanth, Lokman Hakim, and Kirtiraj K. Gaikwad, "Package Designing Aspects for Marketing of Fruits and Vegetables", in CRC Press, Apple Academic Press, 2022
- Lokman Hakim, Kirtiraj K. Gaikwad, "Patent on METHOD FOR PREPARING AN EDIBLE INK FOR PRINTING ON EDIBLE AND NON-EDIBLE COMMODITIESMETHOD FOR PREPARING AN EDIBLE INK FOR PRINTING ON EDIBLE AND NON-EDIBLE COMMODITIES". File number: 202311017518 · Filed Mar 15, 2023

References

Prof. Kirtiraj K. Gaikwad
Assistant professor
IIT Roorkee
kirtiraj.gaikwad@pt.iitr.ac.in
+91 9897775721

Prof. Anjan Kumar Baral
Professor
Guru Jambheshwar University of Science and Technology
anjan_baral2222@yahoo.co.in
+919416668820