

A REPORT ON MANUFACTURING EQUIPMENS USED IN PHARMACEUTICAL INDUSTRIES



LUPIN

SUBMITTED BY:

Attakamsetti Yeshwanth

Under the Esteemed Guidance of

Shri.Rajesh Thete Shri. N.RAVI KUMAR Shri.G.ANANDA RAO

Plant Head

Engineering Head

Production Head

**In the partial fulfillment of project Internship for the award
of degree course of 4-Years B-Tech(CHEMICAL ENGINEERING)**



GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR (CHATTISGARH)

S. N o	TITLE	Pg.No
1	Batch Manufacturing Process	1
2	Manufacturing Steps	2-3
3	Distillation	4-8
	[i]Simple Distillation	
	[ii]Vacuum Distillation	
4	Filtration	8-14
	[i] ANFD(Agitated Nutsche Filter Dryer)	
	[ii] Centrifuge	
5	Drying	14-23
	[i] VTD(Vacuum Tray Dryer)	
	[ii] RVD(Rotary Vacuum Dryer)	
	[iii] FBD(Fluid Bed Dryer)	
6	Chillers and Boilers	24-28

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Plot No. 130, Road No. 11, Jawaharlal Nehru Pharma City
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Date:16/06/2023.

CERTIFICATE OF INTERNSHIP

This is to certify that Mr. Attakamsetti Yeswanth, 3rd year Chemical Engineering student of Guru Ghasidas Viswavidyalaya, Bilaspur, Chattishgarh has completed his one month intern ship training at our unit, Located JNPC, Parawada, Visakhapatnam, Andhra Pradesh for the period from 15th May 2023 to 16th June 2023.

During his tenure of his internship, he was very inquisitive in learnings and his behaviour was also good.

LUPIN LIMITED


N.SRINIVASRAO.

DY. GENERAL MANAGER -HR