



Abbess Healthcare OPC Pvt. Ltd.



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Abbess Healthcare OPC Pvt. Ltd.

Abbess Healthcare OPC Pvt. Ltd. was founded in October 2014 by Dr. Meenakshi Patnaik (BPharma, MPharma, Phd, MBA) with the vision of partnering pharmaceutical companies across the globe in the development of cutting edge formulations through rigorous R&D.

Dr. Patnaik possesses over 15 years of rich experience in pharmaceutical research and development. She has made significant contributions to the Indian pharmaceutical majors; like Torrent, IPCA Laboratories, Glenmark, Nicholas Piramal, Ajanta Pharma and Granules India Limited. She was heading the R&D centres for more than half a decade, before starting Abbess.

Her expertise include product development, pharmaceutical process development by non-infringing route and technology development. She has successfully carried out product development for regulated markets, more prominently for the USA market, in pharma, food & other allied fields of the healthcare segment.

Abbess is a professionally managed organization consisting of highly experienced professionals engaged in product development and product lifecycle management for both national and international clients.

The company is committed to provide services to the pharmaceutical industries, pharmaceutical research organizations, Nutraceutical, Cosmetological, & Ayurceutical industries.

VISION

To develop a platform of innovative products, ideas and cutting edge technology for healthcare industries by the partnering with pharmaceutical companies across the globe in the development of advanced and sophisticated formulations through rigorous R&D

MISSION

- ▶ To be a helping hand to pharmaceutical, herbal & nutraceutical firms by formulating some of their products to reach the market on-time with a wide product portfolio.
- ▶ To give patented formulations to the organizations who are engaged in high-end formulation research & development.
- ▶ To develop technology based products for pharma & allied fields.
- ▶ To support healthcare industries & the govt. in patenting our plants and parts inherited to us by our ancestors by conducting thorough research in natural/ traditional system of medicines in a modernized systematic manner to handle life threatening diseases.
- ▶ Eliminating the obstacles observed while formulation of products using the various newly discovered, clinically approved molecules by employing the right strategy & technology with scientifically-skilled manpower.

SERVICES / SCOPE

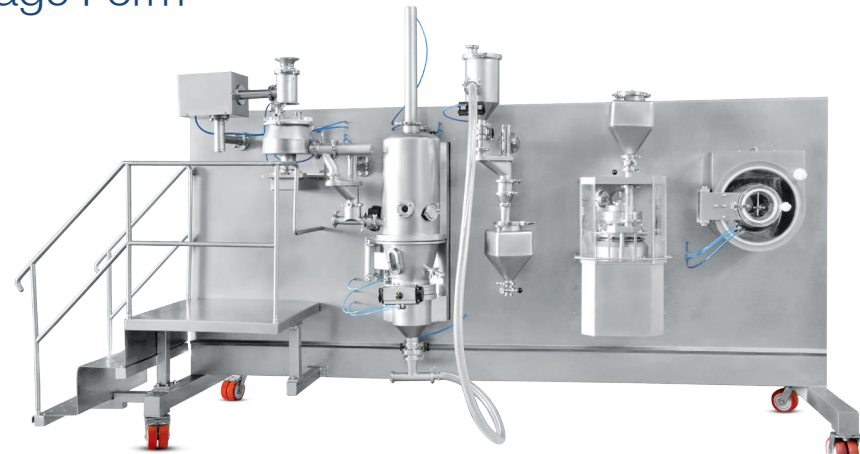
- Formulation development : Any dosage form, from any source of medicine like Synthetic, Herbal, Nutraceuticals & Cosmetic preparations
 - Oral solid dosage form like tablet, granules, capsules, dry syrups
 - Liquid dosage forms
 - Parenteral formulations
 - Ointments and creams
- Any market – US/ EU/ Canada/ Australia, ROW, India
- Partial development to trigger the product registration process of ANDAs
- Development by DOE and QBD
- Product registration for all dosage form across the globe
- Technology development for pharma and allied healthcare companies
- DSIR approval to small R&D centre, ensuring huge taxation benefits
- IP support & NIS report for API & formulations & new technology
- Complete regulatory support for drug product & drug substance
- Product and process validation
- Analytical method development and analytical method validation
- Product technology transfer in India & overseas
- Content writing of dossiers, all modules
- Product registration and filing in the regulated market, semi regulated market & in India.
- Offshore CQA & QA support for plants, to upgrade their quality system
- Trained manpower for CQA/ QA/ Marketing
- Offshore technology transfer in India & internationally by trained personnels
- Trouble shooting
- Training
- Project management
- Regulatory query solving
- Preclinical study support on animals for NCEs & NDA filing
- Clinical support by providing our pilot GMP area to manufacture the clinical batches for pilot bioavailability & pilot bioequivalence study
- We provide end-to-end solution in product development & product life cycle management
- We have a state-of-the-art facility in Mumbai, INDIA, dedicated for OSD products with a GMP area for manufacturing the batches for pilot BE studies & clinical studies
 - In house scale-up studies by QBD approach.
 - Our facility supports to the study of batch sizes starting from 200gm to 250kg

FACILITY

We have a state-of-the-art facility located at Nerul, Mumbai & Mumbai-Nashik road, dedicated to OSD (GMP Facility) for product development. Our facility supports to study all most all scale-up & engineering variables. We have adequate scientifically-skilled manpower, equipments & instruments which can cater the development by QBD approach efficiently.

Equipments & Instruments at Abbess Healthcare

Oral Solid Dosage Form



Wal-Unic Granulator

In GMP Facility



Integrated Granulator Inline Co.

Equipments

Sr. No.	Name of Equipment	Company Maker	Capacity	Dosage Form
FOR SOLID DOSAGE FORMULATION				
1	Rapid Mixer Granulator	Bowman & Archer	100 g to 250 kg	Oral Solid
2	V/Y Blender	Bowman & Archer	100 g to 250 kg	Oral Solid
3	FBD	Bowman & Archer	100 g to 250 kg	Oral Solid
4	FBP	Anish Pharma	100 g to 250 kg	Oral Solid
5	Tablet Compression Machine	Karunavati/ PTK	8 stn to 48 stn	Oral Solid
6	Double Cone Blender	Kevin	1 to 10 kg	Oral Solid
7	Multi processor	Kevin	1 to 10 kg	Oral Solid
8	Auto Coater	Bowman & Archer	100 g to 250 kg	Oral Solid
9	Tray Dryer	Bowman & Archer		Oral Solid
10	Tablet Coater	Bowman & Archer		Oral Solid
11	Spheronizer	Anish Pharma		Oral Solid
12	Extruder	Anish Pharma		Oral Solid
13	Sieve Shaker	Bowman & Archer		Oral Solid
14	Sachet Sealing M/C	Amar Packaging		Oral Solid
15	Induction Sealing M/C	Amar Packaging		Oral Solid
FOR LIQUID DOSAGE FORMS				
1	Liquid Filling M/C	Anish Pharma		Liquid
2	Spray Dryer	Anish Pharma		Solid/ Liquid
3	High Pressure Homogenizer	Bowman & Archer		Liquid
4	Mechanical Stirrer	Remi		Liquid
FOR NON-STERILE PARENTERALS				
1	Freeze Dryer	Marti Christ/ Vertex		Parenteral
2	LAF	Bry-Air		Parenteral
FOR SEMI-SOLIDS				
1	Oitment Filling Machine	Anish Pharma		Semisolid
2	Oitment Crimping Machine	Anish Pharma		Semisolid
FOR OTHER DOSAGE FORMS				
1	Spray Crimping & Filling M/C	Speed Line Aerosol		
2	Stability Chamber 25°C ± 2°C, 60% RH ± 5% 30°C ± 2°C, 65% RH ± 5% 40°C ± 2°C, 75% RH ± 5% 30°C ± 2°C, 75% RH ± 5%	Newtronic		All Dosage Froms

Instruments

Sr. No.	Name of Equipment	Company Maker
1	High Performance Liquid Chromatography (Binary Gradient)	FISHER SCIENTIFIC
2	High Performance Liquid Chromatography (HPLC)-3	AGILENT
3	High Performance Thin Layer Chromatography With Applicator (Linomat 5) and Scanner	CAMAG
4	Gas Chromatography	SHIMADZU
5	Particle Size Analyzer (PSA)	SYMPATEC
6	Flash Chromatography	YAMAZEN
7	Ultra-Violet Spectrophotometer	JASCO
8	Ultra-Violet Spectrophotometer	SPECTRA SYSTEM
9	Ultra-Violet/ Visible Spectrophotometer	LABINDIA
10	Fourier Transform Infrared Spectroscopy	SHIMADZU
11	Differential Scanning Calorimeter (DSC)	SII (SEIKO)
12	Dissolution Test Apparatus (USP Type II)	LABINDIA
13	Dissolution Test Apparatus (2)	ELECTROLAB
14	Sample Evaporator & Concentrator	TAI (SPDOVAP-LV)
15	Ultrasonic Processor	OSCAR ULTRASONICS
16	Water Purifier (2)	PURELAB-FLEX ELGA/ MILIQ
17	Electronic Mentle	SUNBIM
18	Electronic Mentle	CONTECH
	All necessary minor instruments/ equipments of wet chem. lab	AVAILABLE

ABBESS RESEARCH CENTRE - LAYOUT

