



Prabhakar Mannem

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Synopsis

- Feed Milling Technologist and a Mechanical Engineer with expertise in plant configuration & engineering, manufacturing processes, and plant operations management.
- **30** years of regional feed industry experience (NA, MEA, and SEA) with multiple processing technologies of East & West.
- Expertise in milling of high-quality food/feed for various aquatic species, pets, poultry, and animals with optimum efficiency and minimal cost.
- Specialized in optimizing extrusion and pelleting lines as well as optimizing processes for pet foods, feeds for aquatic species, and micro feeds.
- Recent projects/assignments held: ADM, Vietnam; CAT, Canada; Olam, Nigeria

Experience/Know-how

- Plant configuration and engineering; Process flow chart optimization
- Commission, stabilize, and ramp up projects; Upkeep, modify, and upgrade plant & machinery
- Plant operations management; Plant/Production/Material/Quality management
- Optimize resources, processes, product yield, product quality, production cost, and process loss
- Design/implement fool-proof process/performance monitoring systems
- Training/mentoring; Process/Plant performance auditing; Technical consulting
- Extrusion, Pelletizing, Flaking, Milling; Mills of capacity 0.1 ~ 15.0 tph/mill/line
- Feed Milling, Corn flaking, Corn milling, and Fish meal process as well as Micro feeds
- Floating, slow-sinking, sinking, and high protein/high fat feeds

Technology & Machinery expertise

Hands-on with various renowned feed manufacturing technologies from Eastern & Western regions viz, **M/S Clextral, Wenger, Buhler, Stoltz, Van Aarsen, CPM, Geelen, Farnon, Idah, Chiatung, Spectoms, Power Tech, CFAM** of processing capacities in the range of **0.1~15** TPH/mill comprising –

- Various types of grinding, blending, sifting, conveying, and material handling equipment
- Various special purpose equipment viz., pellet mills, extruders – single/twin screw, conditioners, dehydrators, driers – vertical/horizontal, counter-flow coolers, crumblers, drum/vacuum coat

Optimization Skills

- Optimize resources, processes, and critical-process equipment while achieving maximum throughput, efficiency (OEE), and product quality.
- Obtain stringent in-process control by establishing SOPs, CCPs, QCPs, and a fool-proof process monitoring system in turn, eliminate in-process rejections, and obtain food safety
- Troubleshooting, problem-solving, and eliminating root causes & bottlenecks

Personal traits

- Organization and customer-oriented
- Ethical and sustainable practices
- Honest and exact reporting
- Lead by example and team player.

Education & Training

- *B. Tech in Mechanical Engineering from S. V. University, India in 1992*
- HACCP at Godrej Agrovet in 2006
- Total Productive Maintenance (TPM) from T.P.M INDIA in 2003
- Total Quality Management (TQM) from EICHER in 2000
- A complete course on **Feed milling technology** at MIT of NDDDB in 1999
- ISO 9000 Quality Systems from APTECH in 1998
- Workshop on Extrusion technology at CFTRI in 1995

Career path

June '93 – Aug '97	The Waterbase Ltd., India	Production Officer/Executive - Production
Aug '97 – Dec '09	Godrej Agrovet Ltd., India	Plant Exec/Sr Plant Exec/Asst Factory Manager
Feb '11 – Mar '13	Dhofar Cattle Feed Co, Oman	Mech. Engineer (plant head)
Sept' 13 – Oct' 16	Growel Feeds Pvt Ltd, India	Production Manager
May '17 – Nov '18	Olam International, Nigeria	Chief Miller
Mar '21 – Sept '22	Centre for Aquaculture Technologies, Canada	Feed Tech Manager
Nov '22 – June '24	Archer Daniels Midland (ADM), Vietnam	Process Engineer
Sept '05 – June '06	Durante Fish Industries Ltd, Nigeria	Factory Manager
April '13 – Sept '13; Oct '16 – April '17; Jan '19 – Dec '20		Technical Consultant - Freelance

Provided technical services to feed milling companies viz, M/S Feedco, Saudi Arabia; Henisha Feeds, Malaysia; Elmina project, Ghana; Mandela Millers, Uganda, M/S Nutrikraft India Ltd; M/S Growel Feeds Pvt Ltd, India; M/S Cargill India Ltd; KH Feed mill, Myanmar, etc., for the betterment of process/product/plant performance of Poultry/animal/aqua feeds as a freelancer.