

**Content & Weightages for**  
**AGRITECH**  
**Graduate Engineers Training Program**

Sr. No	Core Areas Division	% Weight
1-	English language	15%
2-	IQ	15%
3-	Subject Specific	70%
	<b>Total</b>	100%

Designation of the Post	Criteria and Subject Division	Subject % Weight
<b>Mechanical</b>	<b>Criteria :- As per the Advertisement</b>	<b>70%</b>
	Power Plants & Thermodynamics, Engineering drawing and graphics	07%
	Machine design, Mechanics of Material	07%
	Mechanical Vibrations, Heat exchangers, Boilers, Furnace, etc.	07%
	Pumps, Turbines, Gear Box, Fans, Blower, etc, Welding types & Electrode classification	07%
	Bearings Types, Corrosion and its prevention	07%
	Pipes, Tubes and Fittings, Pressure Vessels and Tanks	07%
	Fluid Dynamics, Machine Shop & Machine Tools, Threads	07%
	Belt and Conveyors, Codes and Specs (ASME, ASTM, AWS etc.)	07%
	IC Engines / Heat engine, Materials and Metallurgy	07%
	Manufacturing Process, Heat Transfer + General Physics	07%
	<b>Electrical</b>	<b>Criteria :- As per the Advertisement</b>
Power System Protection		13%
Power System Analysis		05%
Power Electronics		07%
High Voltage Engineering		05%
Power Generation		13%
Power Transmission and Distribution		07%
AC and DC Machines		13%
Circuit Theory	07%	
<b>Electronics</b>	<b>Criteria :- As per the Advertisement</b>	<b>70%</b>
	Analogue Electronics	07%
	Digital Logic Design	07%
	Power/Industrial Electronics	07%
	Telecommunication	07%
	Programmable Logic Controllers (PLCs)	07%
	Electronic Measurements & Instrumentation	07%

	Circuit Theory & Networks	07%
	Electronic Devices	07%
	Control System Engineering	07%
	Microprocessor and Computer Architecture	07%
<b>Graduate Engineers Chemical</b>	<b>Criteria :- As per the Advertisement</b>	<b>70%</b>
	Chemical Process Principles	11%
	Chemical Engineering Thermodynamics	11%
	Chemical Reaction Engineering	11%
	Heat & Mass Transfer	13%
	Fluid Mechanics	18%
	Instrument and Process Control	06%

**Proposed Content & Weightages for**  
**AGRITECH**  
**Trade Apprenticeship**

Sr. No	Core Areas Division	% Weight
1-	IQ	15%
2-	Subject Specific	85%
	<b>Total</b>	<b>100%</b>

<b>Chemical, Mechanical, Electrical, Electronics</b>	<b>Criteria :- As per the Advertisement</b>	<b>85%</b>
	Same topics as applicable for engineers with prorated ratios	

<b>Trade Apprenticeship Chemistry</b>	<b>Criteria :- As per the Advertisement</b>	<b>85%</b>
	Inorganic/ Analytical Chemistry	48%
	Applied /Environmental Chemistry	22%
	Organic / Biochemistry	15%