

AGRICULTURE ENTRANCE

AIEEA (UG) - ICAR EXAM

ICAR is a council which conducts All Indian Entrance Examination for Admission (AIEEA) in Agricultural colleges for UG & PG courses in India. It is an autonomous organisation under the Department of Agricultural Research and Education (DARE), Ministry of Agriculture and Farmers Welfare, Government of India.

ICAR Important Month

ICAR	Month
Availability of application form	April
Last date to submit the application form	April
Last date for application fee payment	May
Admit Card Release Month	May
ICAR Exam Month	May
Result Declared	June
ICAR Counselling	June

Fees Details:-

Category	Amount (Rs)
General/ OBC/ UPS Category	INR 500
Reserved Category (SC/ ST/ PC)	INR 250

ICAR Exam pattern

Name of the Examination	All India Entrance Examination for Admission for under graduation (AIEEA UG)
Conducted By	ICAR (Indian Council of Agriculture Research)
Minimum Eligibility	Qualifying Marks in Class XII exam
Subjects included	Stream A: Physics, Chemistry, Biology/Agriculture Stream B: Physics, Chemistry, Mathematics
Duration	2 hour and 30 minutes
Exam Mode	Offline
Number of Questions	180 Stream A: 60 each from Physics, Chemistry, Biology/Agriculture Stream B: 60 each from Physics, Chemistry, Mathematics
Maximum Marks	720
Maximum marks per question	4
Marking Scheme	Correct Answer: +4 Incorrect Answer: -1
Type of Questions	Objective (MCQs)
Official Website	www.icarexam.net

ICAR Syllabus

Candidates can check the syllabus given below for AIEEA UG. Having an sample knowledge of syllabus leads to better understanding of AIEEA UG Exam

Physics

Class 11th	Physical world and measurement, Laws of Motion, Kinematics, Work, Energy and Power, Motion of System of Particles and Rigid Body, Gravitation, Properties of Bulk Matter, Thermodynamics, Behaviour of Perfect Gas and Kinetic Theory, Oscillations and Waves.
Class 12th	Electrostatics, Current Electricity, Magnetic Effects of Current and Magnetism, Electromagnetic Induction and Alternating Currents, Electromagnetic Waves, Optics, Dual Nature of Matter and Radiation, Atoms and Nuclei, Electronic Devices.

Chemistry

Class 11th	Basic Concepts of Chemistry, Structure of Atom, Classification of Elements and Periodicity in Properties, Chemical Bonding and Molecular Structure, States of Matter: Gases and Liquids, Thermodynamics, Equilibrium, Redox Reactions, Hydrogen, s-Block Element (Alkali and Alkaline earth metals), Some p-Block Elements, Organic Chemistry-Some Basic Principles and Techniques, Hydrocarbons, Environmental Chemistry.
Class 12th	Solid State, Solutions, Electrochemistry, Chemical Kinetics, Surface Chemistry, General Principles and Processes of Isolation of Elements, p-Block Elements, d and f Block Elements, Coordination Compounds, Haloalkanes and Haloarenes, Alcohols, Phenols and Ethers, Aldehydes, Ketones and Carboxylic Acids, Organic Compounds Containing Nitrogen, Biomolecules, Polymers, Chemistry in Everyday Life.

Biology

Class 11th	Diversity in Living World, Structural Organisation in Animals and Plants, Cell Structure and Function, Plant Physiology, Human physiology
Class 12th	Reproduction, Genetics and Evolution, Biology and Human Welfare, Biotechnology and Its Applications, Ecology and Environment.

Mathematics	Sets and functions, Algebra, Coordinate Geometry, Calculus, Vectors and Three-Dimensional Geometry, Linear Programming, Mathematical Reasoning, Statistics & Probability, Statics, Dynamics
Agriculture	Agro meteorology, Genetics and Plant Breeding, Biochemistry and Microbiology, Livestock Production, Crop Production, Horticulture.