



D.A.V PUBLIC SCHOOL

CAMBRIDGE INTERNATIONAL



CAMBRIDGE
International Education

Cambridge International School

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INFORMATION BOOKLET 2nd EDITION

Introducing IGCSE, Secondary and Advanced Level

WHY CHOOSE IGCSE?

Choosing the **IGCSE (International General Certificate of Secondary Education)** offers several advantages for students and parents seeking a flexible, globally recognized, and academically rigorous secondary education.

- 1. International Recognition**-IGCSE qualifications are accepted by universities and employers around the world, making it ideal for students planning to study or work internationally.
- 2. Academic Rigor and Quality**- The curriculum encourages critical thinking, problem-solving, and independent learning. It's comparable in standard to the UK's GCSE and is often seen as more academically demanding in certain subjects.
- 3. Wide Range of Subjects**-IGCSE offers a broad choice of subjects across languages, humanities, sciences, and vocational areas, allowing students to tailor their education to their strengths and interests.
- 4. Flexibility in Learning**-Students can take IGCSE exams in individual subjects, and schools can adapt the curriculum to fit different learning needs and contexts (ideal for international schools and diverse student populations).
- 5. Strong Foundation for Further Studies**-IGCSE prepares students well for A-levels, IB, and other post-16 qualifications. It builds solid foundations in core subjects like English, Maths, Science and humanities subjects.
- 6. Assessment Variety**- IGCSE exams includes written, oral, coursework, and practical assessments, catering to different learning styles and reducing reliance on final exams alone.
- 7. English Language Proficiency**- IGCSE is taught in English and strengthens students' academic English, helping non-native speakers improve their language skills for future education.

Confident

Responsible

Engaged

Innovative

Reflective

Subjects Offered by Us

ENGLISH LANGUAGE & LITERATURE	LANGUAGE	CREATIVE & PROFESSIONAL	HUMANITIES & SOCIAL SCIENCE	MATHEMATICS	SCIENCES
ENGLISH FIRST LANGUAGE (0500)	FRENCH AS FOREIGN LANGUAGE (0520) HINDI AS A SECOND LANGUAGE (0549)	ACCOUNTING (0452) ART & DESIGN (0400) BUSINESS STUDIES (0450) INFORMATION AND COMMUNICATION TECHNOLOGY (0417) FOOD & NUTRITION (0648)	ECONOMICS (0455) GEOGRAPHY (0460) HISTORY (0470) GLOBAL PERSPECTIVE (0457)	MATHEMATICS (0580)	BIOLOGY (0610) CHEMISTRY (0620) PHYSICS (0625) PHYSICAL EDUCATION (0413)

RECOGNITION OF CAMBRIDGE QUALIFICATIONS IN INDIA

All universities across India welcome applications from Cambridge students. Here is a sample list of universities that have admission policies for Cambridge International A Level candidates.

North India

Aligarh Muslim University
All India Institute of Medical Sciences
Ashoka University
BITS Pilani
O P Jindal Global University
Panjab University
Punjab University, Chandigarh
Shiv Nadar University
University of Delhi
University of Rajasthan.

South India

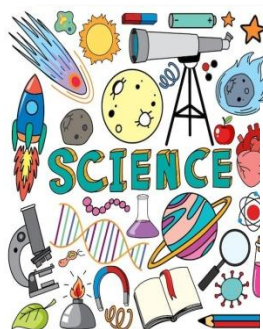
Anna University
Bangalore University
Central University of Tamil Nadu
Christ University
Indian Institute of Space Science and Technology
Krea University
Manipal Academy of Higher Education
SRM Institute of Science and Technology
University of Hyderabad
University of Kerala
University of Madras.

West India

Goa University
Maharaja Sayajirao University of Baroda
National Institute of Design
NMIMS University
Sardar Patel University
Symbiosis International University
University of Gujarat
University of Mumbai
University of Pune.

East India

Central University of Jharkhand
Gauhati University
Jadavpur University
KIIT University
Manipur International University
North-Eastern Hill University
Presidency University
Sikkim Manipal University
St. Xavier's University
University of Calcutta.



SCIENCE

TRADITIONAL CAREERS	NEW UPCOMING CAREERS
<p>Doctor / Physician Fields: MBBS, MD, MS, etc. Work: Hospitals, clinics, research</p>	<p>Data Scientist / Analyst (with a science background) Skills: Python, R, ML, statistics. Work: Tech companies, health analytics, environmental data.</p>
<p>Engineer Fields: Civil, Mechanical, Electrical, Chemical, etc. Work: Industry, design, production, R&D.</p>	<p>Biotechnology / Genetic Engineering Fields: Biotech, Genomics, CRISPR tech. Work: Pharma, agriculture, medicine.</p>
<p>Scientist / Researcher Fields: Physics, Chemistry, Biology. Work: Research institutions (e.g., CSIR, ISRO), academia.</p>	<p>Environmental Scientist / Climate Change Analyst Fields: Sustainability, climate science. Work: NGOs, research centers, government bodies.</p>
<p>Pharmacist Fields: B.Pharm, M.Pharm. Work: Hospitals, drug companies, retail pharmacy.</p>	<p>Artificial Intelligence & Machine Learning (AI/ML) in Science Application in drug discovery, diagnostics, climate modeling.</p>
<p>Teacher / Professor Fields: Science education (B.Ed, M.Ed, Ph.D.). Work: Schools, colleges, universities.</p>	<p>Astrobiology / Space Science & Technology Work: ISRO, NASA, space research companies.</p>
<p>Nurse / Allied Health Professional Fields: B.Sc Nursing, DMLT, etc. Work: Hospitals, labs, health care centers.</p>	<p>Bioinformatics / Computational Biology Combines biology, computer science, and data.</p>
<p>Veterinarian Fields: B.V.Sc & A.H. Work: Animal care, hospitals, zoos.</p>	<p>Food Science / Nutraceuticals / Food Technology Work: FMCG, food quality control, R&D.</p>

SOME MORE TRENDING CAREER OPTIONS IN SCIENCE

Neuroscience / Cognitive Science

Interdisciplinary field involving biology, psychology, AI.

Robotics / Mechatronics (Applied Physics/Engineering)

Work: Automation, prosthetics, defense.

Science Communication / Scientific Journalism

Work: Media, research outreach, education platforms.

Healthcare IT & Medical Informatics

Intersection of tech and healthcare.

Quantum Computing

Fields: Physics, Mathematics, CS.

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COMMERCE

TRADITIONAL CAREER

Chartered Accountant (CA)

Work: Auditing, taxation, finance management.

Institutes: ICAI.

Company Secretary (CS)

Work: Legal compliance, corporate governance.

Institutes: ICSI.

Cost and Management Accountant (CMA)

Work: Cost auditing, budgeting, internal control.

Banking & Finance Professional

Work: Public & private banks, financial institutions.

Accountant / Auditor

Work: Business accounts, audits, financial planning.

Economist

Work: Research, policy making, think tanks, RBI.

Business Manager / Executive

Work: Corporate sector, management roles (often with an MBA).

NEW UPCOMING CAREER

Financial Analyst / Investment Banker

Work: Stock markets, M&A, portfolio analysis.

Courses: CFA, MBA (Finance), FRM.

Digital Marketing Specialist

Work: SEO, content marketing, analytics.

Relevance: Businesses shifting online.

E-commerce & Online Business Management

Work: Operations in Amazon, Flipkart, etc.

Data Analyst / Business Intelligence Analyst

Skills: Excel, SQL, Power BI, Tableau.

Demand: Increasing in corporate decision-making.

Entrepreneur / Startup Founder

Work: Launching ventures in fintech, edtech, etc.

Forensic Accounting / Fraud Examiner

Work: Detecting financial crimes, auditing frauds.

Sustainability Consultant / ESG Analyst

Work: Corporate responsibility, green finance.

SOME MORE TRENDING CAREER OPTIONS IN COMMERCE

Wealth Manager / Personal Finance Advisor
Work: Investment planning, retirement advice.

Crypto currency & Block chain Analyst
Work: Crypto trading, block chain auditing.

Actuarial Science
Work: Risk analysis in insurance, pensions, finance.

Logistics & Supply Chain Manager
Work: Procurement, operations, warehousing.

International Business / Trade Analyst
Work: Export-import, global market strategy.

Sports & Entertainment Finance Manager
Work: Managing finances in media and sports sectors.

HUMANITIES

TRADITIONAL CAREER

Teacher / Professor
Subjects: History, Political Science, English, etc.
Work: Schools, colleges, universities.

Lawyer / Judge
Course: BA + LLB
Work: Legal practice, judiciary, corporate law.

Civil Services (IAS, IPS, IFS)
Work: Administration, diplomacy, governance.
Popular exam: UPSC.

Journalist / Editor / Reporter
Work: Newspapers, TV, magazines.

Psychologist / Counselor
Work: Clinics, schools, hospitals (with further study in psychology).

Historian / Archivist
Work: Museums, heritage conservation, research.

Sociologist / Anthropologist
Work: Social research, NGOs, think tanks.

UPCOMING CAREER

Content Creator / Digital Influencer
Platforms: YouTube, Instagram, blogs.
Skills: Video production, communication.

UX Writer / Content Strategist
Work: Tech companies, app design, marketing.

Human Rights / Policy Analyst
Work: NGOs, UN, advocacy organizations.

Media & Communication Specialist
Work: PR, branding, digital communication.

Social Media Manager
Work: Brand communication, campaigns.

International Relations / Diplomacy Expert
Work: Foreign affairs, global NGOs, think tanks.

Criminologist / Behavioral Analyst
Work: Law enforcement, forensics, psychology research.

SOME MORE TRENDING CAREERS IN HUMANITIES

Museum Curator / Cultural Resource Manager

Work: Art galleries, museums, archives.

Event Manager / Cultural Program Director

Work: Corporate events, festivals, cultural diplomacy.

Gender Studies / Diversity & Inclusion Consultant

Work: Corporates, academia, NGOs.

Film & Media Studies Professional

Work: Scriptwriting, critique, media production.

Political Consultant / Campaign Manager

Work: Elections, policy research, party strategy.

Ethical Hacker / Cyber Law Expert (with additional training)

Work: Digital rights, law enforcement, cyber security.

Visit of Cambridge Representative

Mr. Ankur Tandon, Manager – North and Central India visited our Cambridge wing on 16 April, 2025. He visited the entire wing and also had interaction with our camblearners. He shared his views about our school and was glad to see how our wing functions. He also shared some valuable information about Cambridge upgradations . Here's some glimpses of his visit.



Mentors – Mrs.. Rashmi Raj Biswal (Principal) ; Ms. Jyotsna Kumar (Supervisory Head, Cambridge)

Faculty Members – Ms. Shruti Bahri, Ms. Mini Parasher, Ms. Shruti Singh, Ms. Priyanshu Gupta, Ms. Arzoo Gupta, Ms. Tanya Sharma, Ms. Naina Dang