# ideas insights

## Unique perspectives on the Indian education sector

Monograph: March 2024

#### International Boards of K-12 School Education in India

With the increasing global exposure and propensity to spend, parents are looking out for the best resources for educating their children. Students also look forward to admissions in international universities, followed by global job opportunities. This provides an excellent opportunity for private players in India to set up schools with international curricula.

International Boards expose students to world class curriculum and practices and lay a foundation for higher education abroad. They have a flexible structure and have a more practical and application based approach as compared to the Indian education Boards. Apart from focus on infrastructure and ICT learning, these Boards also emphasise on professional development of faculty.

Via this monograph, we have analyzed and presented the International Boards in India, viz., International Baccalaureate (IB) and Cambridge International Examination (CIE). We have discussed in detail the programmes at various age groups and the essentials to set up an international school. Salient features of an international school have been framed by analyzing the existing international schools in India. International Boards have been compared with the Indian education Boards, CBSE and CISCE, on different parameters for a complete understanding.

#### **About Eduvisors:**

Eduvisors is a leading sector-focused consulting firm in Education in India. A part of Barry & Stone (B&S), a global network of independent consulting firms with 12 offices in 8 countries, Eduvisors is a pioneer amongst consulting firms in India with sole focus on the Education sector.

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#### I. International Baccalaureate (IB)

- A. Structure of the IB
  - 1. Programmes Offered by the IB
    - i. Student Programmes
    - ii.Teacher Programmes
  - 2. Benefits of the IB
- B. Essentials of Setting-up an IB World School
  - 1. The IB World School Authorization Process
    - i. Mandatory Professional Requirements
    - ii. Resources and Support
  - 2. Cost Analysis
    - i. Fee for Authorization Process
    - ii. Annual School Fee
    - iii. Assessment Fee
    - iv. Professional Development Workshop Costs
  - 3. Programme Implementation
    - i. Individual Programmes
    - ii. Scenario Analysis
- C. IB in India
  - 1. Distribution of IB World Schools in India
  - 2. Comparison of IB Schools in India
  - 3. Salient Features of an IB World School

#### II. Cambridge International Examination (CIE)

- A. Structure of the CIE
  - 1. Programmes Offered by the CIE
    - i. Student Programmes
    - ii.Teacher Programmes
  - 2. CIE Key Focus Areas
  - 3. International General Certificate of Secondary Education
- B. Essentials of Setting-up an IB World School
  - 1. School Authorization Process
  - 2. Requirements
    - i. Infrastructure
    - ii. Management and Training
    - iii. Physical Environment
- C. CIE in India
  - 1. Distribution of CIE Schools in India
  - 2. Comparison of CIE Schools in India
  - 3. Salient Features of an IB World School
- **III. Comparison of Education Boards**



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  - ii. Annual School Fee
  - iii. Assessment Fee
  - iv. Professional Development Workshop Costs
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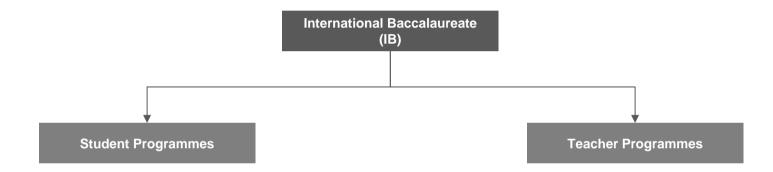
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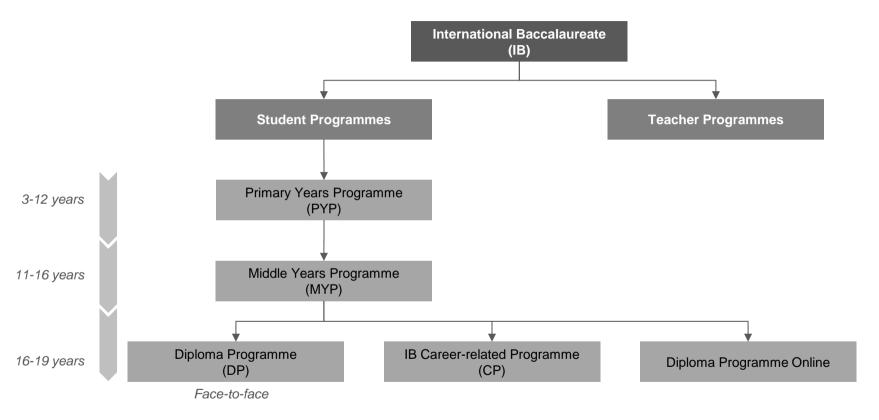
## 1. Programmes offered by the IB

- Founded in 1968, the International Baccalaureate (IB) is a non-profit educational foundation based in Geneva, Switzerland
- The IB supports over 5700 schools across 150 countries
- The IB is divided into three regions Africa, Europe and the Middle East; the Americas; and Asia-Pacific



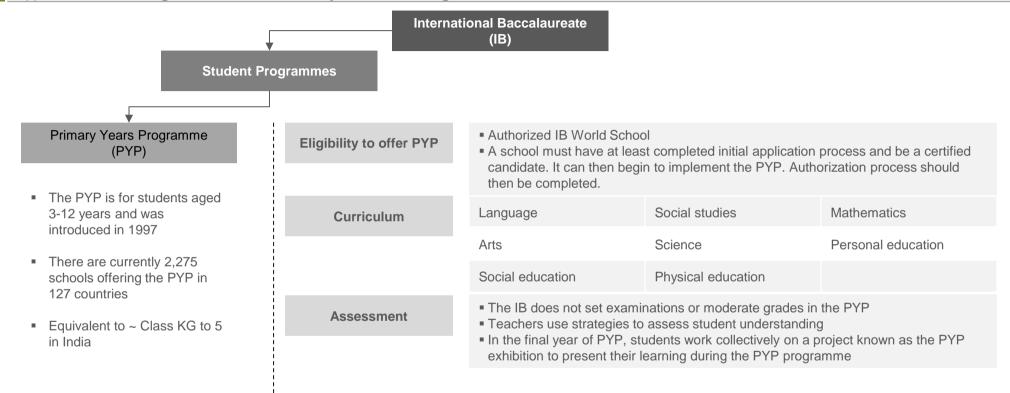


## 1. Programmes offered by the IB: (i) Student Programmes





## (i) Student Programmes - Primary Years Programme





## (i) Student Programmes - Middle Years Programme

International Baccalaureate (IB)
Student Programmes

# Middle Years Programme (MYP)

- The MYP is for students aged 11-16 years and was introduced in 1994
- There are currently 1,266 schools offering the PYP in 108 countries
- Equivalent to ~ Class 6 to 10 in India

#### **Eligibility to offer MYP**

#### Curriculum

Assessment

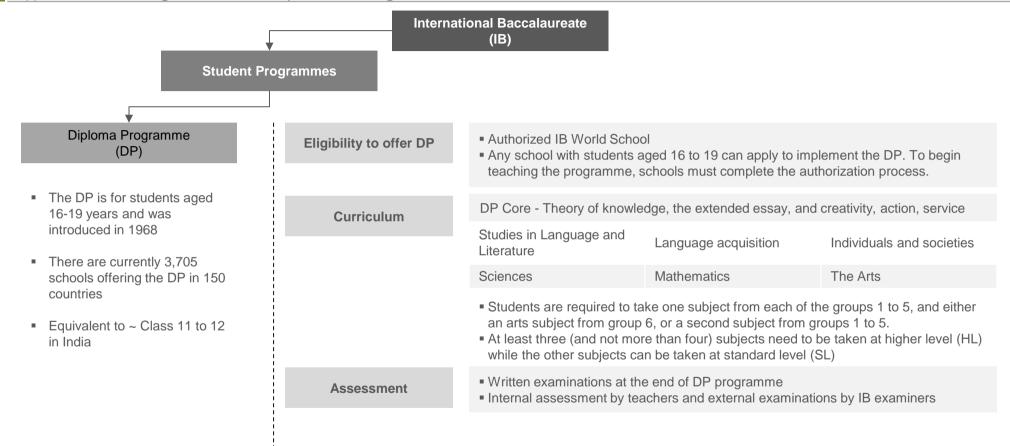
- Authorized IB World School
- A school must have at least completed initial application process and be a certified candidate. It can then begin to implement the MYP. Authorization process should then be completed.

Arts	Design	Mathematics
Individuals and societies	Language and literature	Language acquisition
Physical and health education	Science	Interdisciplinary learning, MYP projects

- The MYP requires at least 50 hours of teaching time for each subject group in each year of the programme. In years 4 and 5, students have the option to take courses from six of the eight subject groups within certain limits
- At the end of the programme
- 2015 Grading from 1(lowest) to 7(highest), for each subject and personal project, by internal teachers. Optional validation by external IB examiners. Students get an IB record of achievement and IB MYP certificate for meeting conditions when validated by the IB.
- 2016 onwards Mandatory external verification of the personal project and optional external assessment (eAssessment) for students in MYP year 5. Students will get IB MYP Certificate.

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## (i) Student Programmes - *Diploma Programme*





## (i) Student Programmes - Career-related Programme

- The CP is for students aged 16-19 years. It was introduced in 2006 as the IB Careerrelated Certificate (IBCC), and was re-launched as the CP in November 2014.
- There are currently 310 schools offering the PYP in 48 countries

- 2015 Any IB school that is authorized for the IB Diploma Programme (DP)
- 2016 Authorized IB World School, any school teaching students in their final two years of secondary education can apply to implement the CP

Curriculum

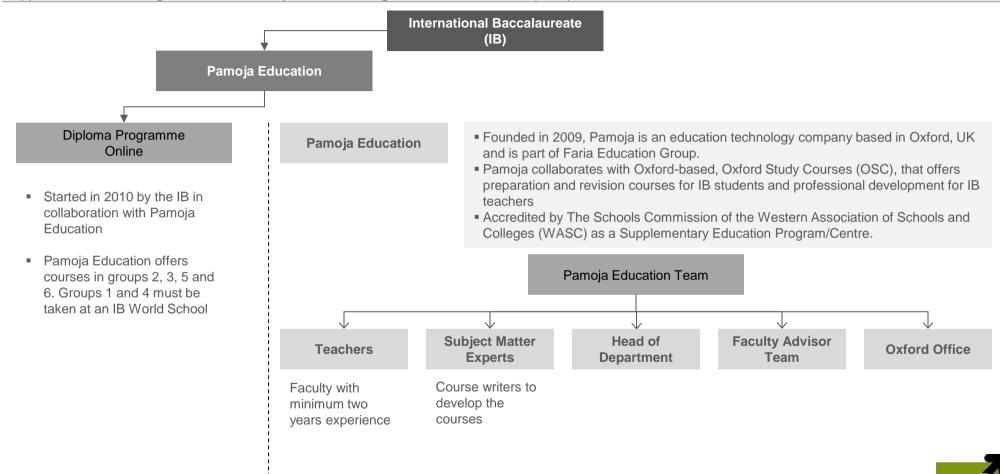
- The CP Core Community and service, reflective project, language development
- Minimum two IB Diploma Programme (DP) courses
- Career related study

**Assessment** 

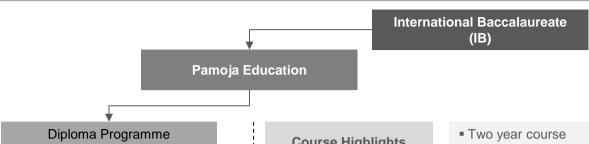
- Written examinations for DP courses, marked by external examiner
- Reflective project assessed by school and verified and graded by the IB from A to E, with A being the highest
- Other subjects assessed internally



## (i) Student Programmes - Diploma Programme Online (1/4)



## Student Programmes - Diploma Programme Online (2/4)



Online

- Started in 2010 by the IB in collaboration with Pamoja Education
- Pamoja Education offers courses in groups 2, 3, 5 and 6. Groups 1 and 4 must be taken at an IB World School

#### **Course Highlights**

- Follow IB course auidelines
- Online classrooms of ~25 students
- Practice examinations to prepare students for IB external examinations

#### **Assessment**

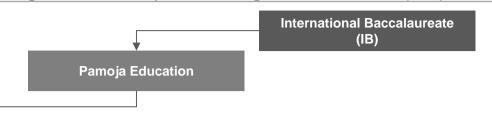
- Written examinations at the end of DP programme at the IB Open World School or the nearest IB World School
- Criterion-related assessment student performance is measured against prespecified assessment criteria
- Examinations marked by external IB examiners
- Each course marked between 1 (lowest) to 7 (highest)

#### How to Apply

- IB World School can contact the DP Online department to offer the course
- Students can register themselves with an IB Open World School offering DP Online
- Non-IB World Schools can become a 'link school' with an IB Open World School offering the DP Online course



## (i) Student Programmes - Diploma Programme Online (3/4)

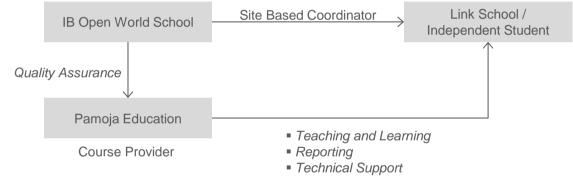


# Diploma Programme Online

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- Pamoja Education offers courses in groups 2, 3, 5 and 6. Groups 1 and 4 must be taken at an IB World School

No schools in India offer the DP Online Programme

#### The IB Open World Schools Model:



#### The IB Open World Schools:

The International School of Berne, Switzerland
Riverview High School, Sarasota, Florida
Yokohama International School, Yokohama, Japan
The British School of Warsaw, Poland



## (i) Student Programmes - Diploma Programme Online (4/4)

International Baccalaureate (IB)

#### Pamoja Education

# Diploma Programme Online

- Started in 2010 by the IB in collaboration with Pamoja Education
- Pamoja Education offers courses in groups 2, 3, 5 and 6. Groups 1 and 4 must be taken at an IB World School

The IB DP Online benefits the schools and students in the following ways:

Schools	Students
Offer a new course without a new hire or training expenses	Support available for students that need to change schools while they are studying
Offer a new course anywhere in the timetable	Site-based Coordinator (SBC) available to liaise between Pamoja Education, the school and the student
Online support from experienced IB teachers	Access to live sessions, audio-visual tools, discussion tools, news feeds, and wiki tool
Provides students with an international experience	Experiences of technology within learning at online course help with the transition to university
Emergency cohort transfer facility available	Intercultural communication is fostered during the online learning experience
"Pamoja Education Access Scholarship" (PAS) offered to IB schools that would not otherwise be in a position to enrol students in online IB courses. Students may get reduction of up to 90% of the tuition fee	
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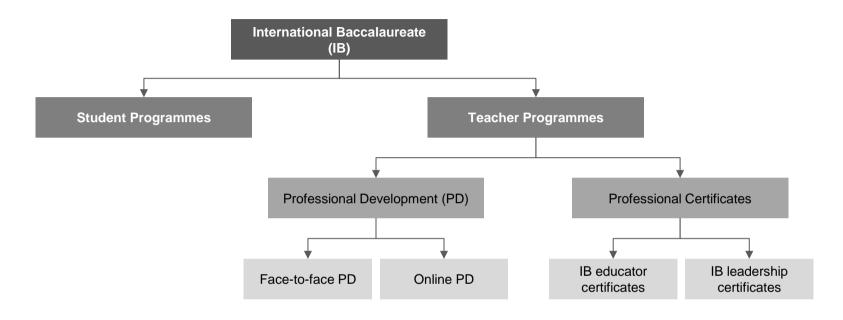
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  - ii. Resources and Support
- 2. Cost Analysis
  - i. Fee for Authorization Process
  - ii. Annual School Fee
  - iii. Assessment Fee
  - iv. Professional Development Workshop Costs
- 3. Programme Implementation
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  - ii. Scenario Analysis
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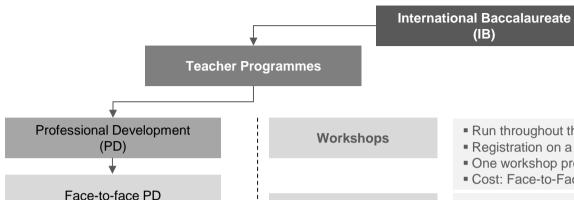


## 1. Programmes offered by the IB (ii) Teacher Programmes



- Professional development is a mandatory requirement for authorization as an IB World School
- The school should make a commitment for continuous teacher training and development which is a compulsory requirement for evaluation
- The IB specifies the mandatory professional development workshops which the school head and teachers must attend during various stages of authorization process
- There are no formal qualifications to teach IB programmes; it is up to the individual school's or region's recruitment policy

## (a) Professional Development (PD) - Face-to-face PD



Schools may select the appropriate workshop from the IB Workshops and Resources Catalogue and register through the IB Website

Types of face-to-face PD:

- 1. Workshops
- 2. Subject-specific seminars
- 3. In-school workshops
- 4. District and cluster events

# Subject-specific seminars

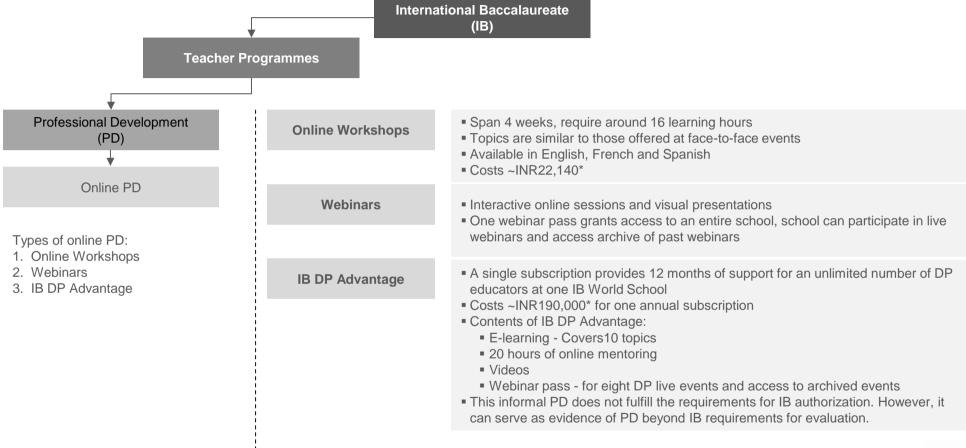
In-school workshops

District and cluster events

- Run throughout the year, all over the world
- Registration on a workshop-by-workshop basis
- One workshop provides 15 hours of professional development, across 2.5 days
- Cost: Face-to-Face Workshops ~INR27,450\*
- IB publishes new subject guides at the beginning of each calendar year and then offers face-to-face seminars
- Seminars held within three months of the publication of the new guide
- Registration through the regional office
- Available in all three IB regions Africa, Europe, Middle East, Asia-Pacific, and The Americas; all regions have different guidelines for making a request
- Cluster events:
  - For Africa, Europe, Middle East
  - Minimum two schools should participate
- District workshops:
  - For The Americas Canada and the United States
  - For a whole network

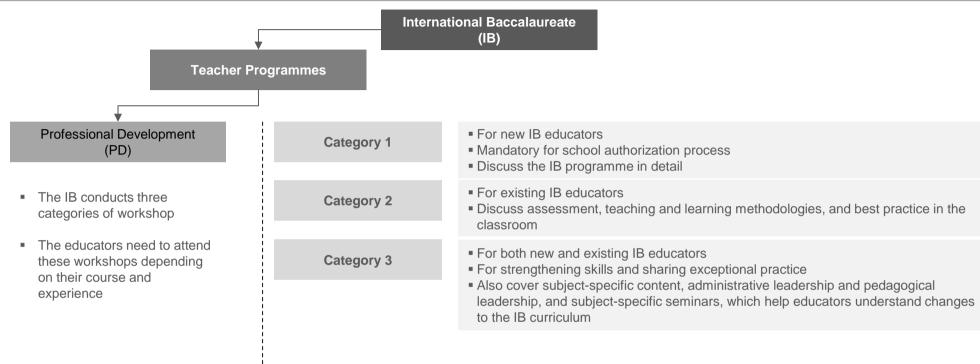


## (a) Professional Development (PD) - Online Workshops



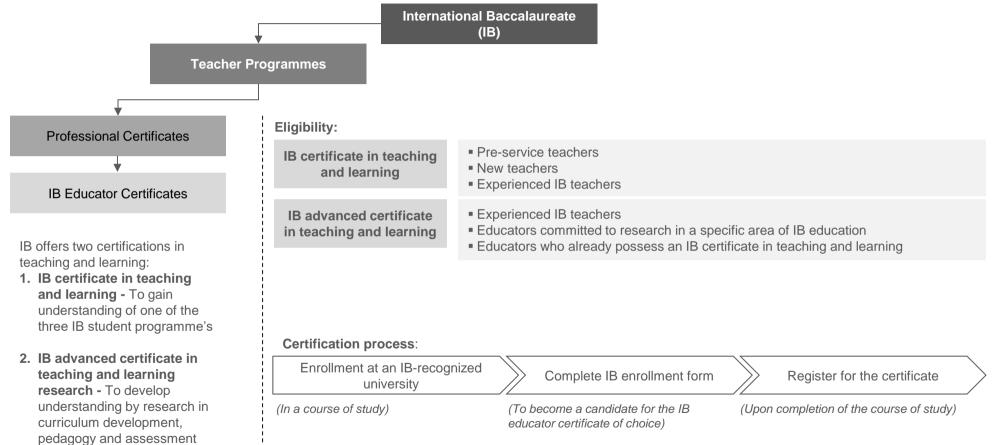


## (a) Professional Development (PD) - Workshop Categories



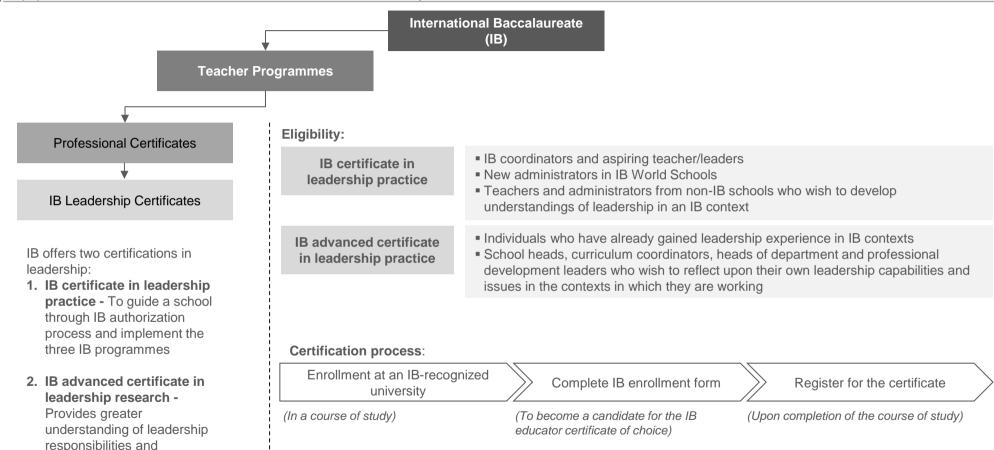


## (b) Professional Certificates - IB Educator Certificates





## (b) Professional Certificates - IB Leadership Certificates





capabilities through rigorous

research work

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#### 2. Benefits of the IB

The IB schools employ over 7,000 educators and have an enrolment of more than one million students globally. The IB benefits the following:

#### Schools

- Access to international education programmes
- Access to global network of IB World Schools
- Help in programme planning and optimization
- Professional development for faculty members
- Short-term grants for schools by the IB

## Groups of schools

- Access to global network of IB World schools for sharing and learning
- Become an Association of IB World Schools which are recognized by the IB

#### Universities

- The IB assists universities and colleges in developing admissions - so that students gain competitive offers from universities of their choice
- The IB commissions research into the impact of IB programmes on students, schools and communities
- The IB engages university faculty members in the review and development of IB programmes and curriculums
- The IB works with universities to provide IB educator and IB leadership certificate

#### **Students**

- Access to world class education programmes
- Take part in education programmes that can lead them to some of the highest ranking universities around the world
- Become more culturally aware, through the development of a second language

#### **Teachers**

- Access to professional development programmes
- Access to education frameworks, unit planners, teaching resources and evaluation tools
- Earn university-recognized qualifications certification and degree programmes

#### Governments

- Access to several creative choices for educating students
- Acknowledgment as an international leader in education
- Access to IB recognition subject matter experts and professional development opportunities
- The opportunity to build relationships with other countries that recognize the IB



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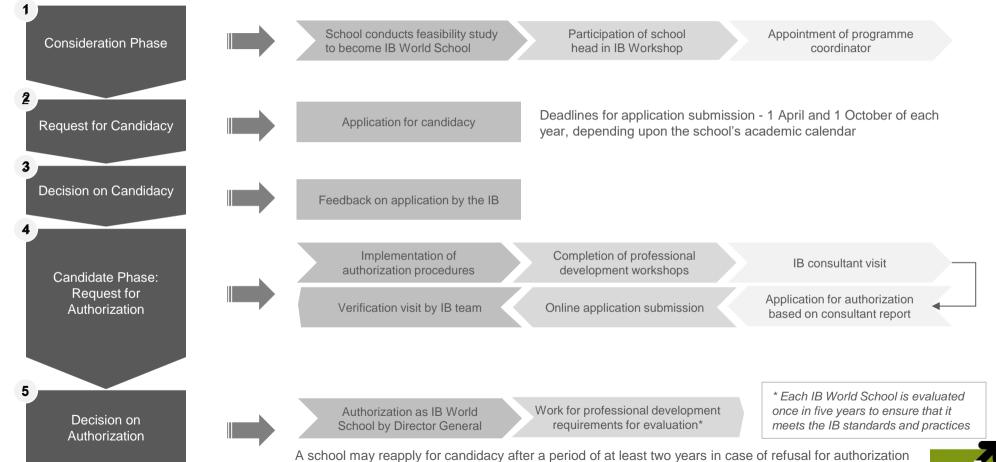
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### 1. The IB World School Authorization Process





## 1. The IB World School Authorization Process: Mandatory Professional Development

Workshops are conducted in India, mainly Mumbai, Hyderabad and New Delhi, and other countries in the Asia-Pacific region

Programme	Who	Workshop	Authorization Stage
PYP	Head of school or designee	IB category 1 workshop	Before submission of Application for candidacy for PYP
	Pedagogical leadership and all faculty	IB category 1 workshops	Before the verification visit
	Head of school or designee	"Heads of school/MYP coordinators: Implementing the MYP curriculum" category 1 workshop	Before submission of Application for candidacy for MYP
	All staff	"Launching the MYP"	
MYP	Programme coordinator	"Heads of school/MYP coordinators: Implementing the MYP curriculum" category 1 workshop	Before the verification visit
	At least one teacher per subject-group	Relevant subject group specific "Implementing the MYP curriculum" category 1 workshop	
	Head of school or designee	IB category 1 workshop	Before submission of Application for candidacy for DP
	All subject teachers	IB category 1 workshops in their subject	
DP	TOK teacher(s)	IB category 1 TOK course workshops	Defere the verification visit
	CAS coordinators		
	Programme coordinator		
	Diploma Programme subject teachers	IB professional development activities related to their subject - IB category 1 or 2 as appropriate	
СР	CP coordinators	IB category 1 workshop on CP coordination	Before the verification visit
	Teachers	IB category 1 workshop on implementing the approaches to learning course	oduv

## 1. The IB World School Authorization Process: Resources and Support

The school should have the following resources and support structures to ensure the implementation of the IB programme(s):

Allocate funding for the implementation and ongoing development of the programme(s)

#### • Qualified faculty:

- IB recognized professional development
- Dedicated time for teachers' collaborative planning and reflection

#### Infrastructure facilities:

- Physical and virtual learning environments, facilities, resources and specialized equipment
- The laboratories and studios should provide safe and effective learning environments
- Appropriate information technology facilities
- Adequate library/multimedia/resources
- Systems to guide and counsel students through the programme(s)

#### Facilities for students:

- Support for students with learning and/or special educational needs and support for their teachers
- The student schedule or timetable should allow for the requirements of the programme(s) to be met
- Resources to implement the PYP exhibition, the MYP personal project or community project, the DP extended essay and the IBCC reflective project for all students, depending on the programme(s) offered
- Secure location for the storage of examination papers and examination stationery with controlled access restricted to senior staff
- Access to information on global issues and diverse perspectives
- The school should utilize the resources and expertise of the community to enhance learning within the programme(s)



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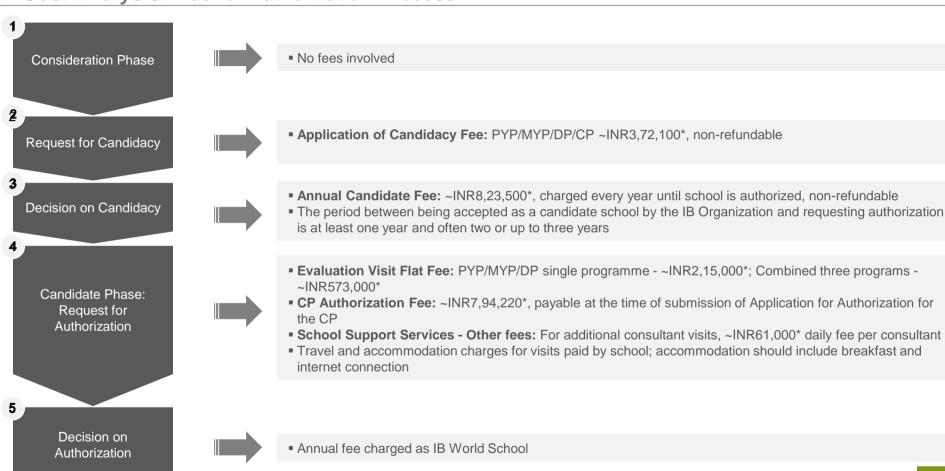
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## **2. Cost Analysis:** Fee for Authorization Process



Authorization process for PYP/MYP/DP takes 2-3 years, CP takes 1-3 years

\*Assuming 1SGD = 61INR

Transactions for all the schools in Asia-Pacific region are carried out in Singapore Dollars (SGD) to address currency differences

## 2. Cost Analysis: Annual School Fee

The IB World Schools pay an Annual School Fee for each programme they offer. If schools offer two or more programmes, other than CP, they pay a reduced fee.

- IB World Schools offering two programmes from a combination of PYP, MYP and DP (excluding CP) receive a 10% discount, which is calculated on the single lowest fee
- Continuum schools: 20% discount on each program. Continuum schools are schools that offer the PYP/MYP/DP or PYP/MYP/DP/CP or PYP/MYP/CP.

#### Fee until February 2024

Annual School Fee	INR
Diploma Programme	~8,88,038
Middle Years Programme	~7,65,062
Primary Years Programme	~6,48,857
Career-related Programme*	~1,12,667

<sup>\*</sup>For schools that offer the DP in conjunction

#### Fee beyond 2018

2018 onwards schools will be able to offer the CP without being authorized to offer the DP. Schools that have existing DP would continue to pay the same fee as earlier. The fee for the CP alone would be as below:

Annual School Fee	INR
CP without the DP	7,17,360



## 2. Cost Analysis: Assessment Fees

Schools pay a fee for each student in the MYP, DP and CP exams

#### **Middle Years Programme**

Fee	INR
eeAssessment individual subject registration fee	~5,429
Discounted subject fee for package of seven eAssessments	~32,574

#### **Diploma Programme**

Fee	INR
Candidate subject fee	~8,540
Creativity, Action and Service	~671

#### **Career-related Programme**

Fee	INR
Candidate subject fee	~8540



## 2. Cost Analysis: Professional Development - Workshop Costs

Schools pay a fee for each Professional Development workshop they conduct in their school.

#### **In-school Workshop**

Type of fee	INR
Keystone	~11,895/participant
General	~17,568/participant
Workshop Leader (2-Day honorarium)	~52,948/workshop leader

- Minimum12 participants/workshop
- Workshop Leader Honorarium applies to all in-school workshops, in addition to per participant fees
- School covers accommodation, insurance, and incidental costs, and pays the workshop leader directly; and covers air travel and the WSL honorarium, which is billed separately by the IB
- Ratio is 25 Participants:1 Workshop Leader
- IB Consultancy fee is separate as agreed with School Services
- Workshops may be cancelled or amended by schools up to 6 weeks prior to start of workshop
  - Thereafter, ~INR30,000 cancellation fee and any non-refundable travel cancellation costs for the assigned workshop leader(s)

#### **Regional Workshop**

Type of fee	INR
Early Bird	~55,876/participant
Standard	~60,756/participant
Late	~71,614/participant

- Minimum 10 participants/workshop
- Early Bird Rate applies until 2 months before the start date of the workshop event. Standard fee applies thereafter
- One day workshops ~INR21,350,
  - Special Sessions have varying workshop prices listed at registration
- Late Fee: After workshop registration closes (3 weeks prior to an event)
- Any cancellation occurring 22 days or more prior to the first day of the workshop will incur a credit note for the full amount of the registration fee
- Cancellations made 21 days or less prior to the first day of a workshops will incur a penalty of 100% of the registration fee

## 2. Cost Analysis: Professional Development - Workshop Guidelines For Host School

#### **Workshop Venue**

Workshop Size	Area (sq ft)
10	323
15	375
20	485
25	485
30	645
35	810
40	970

- The room should be quiet, with adequate fresh air and access to drinking water
- Tea and lunch breaks should be as close as possible to the room, in a comfortable environment
- The workshop should be away from normal school activities

## Accessibility

- A host school venue must be in proximity to an international airport
- Venue must have at least two suitable hotels within 30mins driving distance

#### Resources

- School IT and audio-visual equipment for workshop delivery such as LCD projectors, DVD player etc
- WIFI to support all the participants attending the event, good internet speed
- Extension cords for each room to charge laptops
- Stationery supplies according to the list of standard stationery in the IB kit
- Photocopying and binding resources for the production of workbooks where required
- Human resources workshop liaison, support personnel for IT, catering, cleaning, at information desk

#### Facilities

- Suitable gym/theatre/function hall for welcoming and addressing a group of 300-500 participants
- Suitable canteen/hall for catering and serving teas and lunch to a group of 300-500 participants
- Classrooms for maximum 25 participants to work comfortably in small groups of 4-6 pax
- Suitable facilities/resources for specialized subject area workshops are required (e.g. PE, Arts, Sciences, Science Labs, music room, etc.

#### Scheduling

 Schools should consider whether they are able to accommodate the schedule requirements of workshops on school grounds without undue disruption to the school community

# Financial Arrangements

- Host School completes an IB Budget Planner and confirms forecasted expenditure in consultation with the Events team, at least 6 months prior to the event
- All expenses incurred by the Host School, in accordance with the Budget Planner, will be reimbursed by the regional office



#### I. International Baccalaureate (IB)

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#### B. Essentials of Setting-up an IB World School

- 1. The IB World School Authorization Process
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  - iii. Assessment Fee
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#### 3. Programme Implementation

- i. Individual Programmes
- ii. Scenario Analysis
- C. IB in India
  - 1. Distribution of IB World Schools in India
  - 2. Comparison of IB Schools in India
  - 3. Salient Features of an IB World School

#### II. Cambridge International Examination (CIE)

- A. Structure of the CIE
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  - 2. CIE Key Focus Areas
  - 3. International General Certificate of Secondary Education
- B. Essentials of Setting-up an IB World Schoo
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## 3. Programme Implementation - Individual Programmes

#### i) Cost for implementation of Primary Years Programme

#### **One-time Costs:**

Fee for Authorization Process of PYP:

Process	INR
Application of Candidacy Fee	3,72,100
Annual Candidate Fee	8,23,500
Evaluation Visit Flat Fee	2,15,000
School Support Services	61,000
Annual Fee	6,48,857
Professional Development for Head of school	27,450
Professional Development for Teachers	8,23,500
Total	29,71,407

#### **Other Costs:**

- (a) Fee for professional development workshops throughout the year
- (b) Annual Fee
- (c) Per student assessment fee for exams
- (d) Fee for any by-request services availed
- (e) Cost for organising workshops

Assumptions:

- 1. The Annual Candidate Fee has been calculated assuming that it would take 2 years to complete the authorization process
- 2. Number of teachers have been assumed to be 30 for the PYP



## 3. Programme Implementation - Individual Programmes

#### ii) Cost for implementation of Middle Years Programme

#### **One-time Costs:**

Fee for Authorization Process of MYP:

Process	INR
Application of Candidacy Fee	3,72,100
Annual Candidate Fee	8,23,500
Evaluation Visit Flat Fee	2,15,000
School Support Services	61,000
Annual Fee	7,65,062
Professional Development for Head of school	27,450
Professional Development for Teachers	8,23,500
Professional Development for Programme Coordinator	27,450
Professional Development for Teachers per subject group	2,19,600
Total	33,34,662

#### Other Costs:

- (a) Fee for mandatory professional development workshops throughout the year
- (b) Annual Fee
- (c) Per student assessment fee for exams
- (d) Fee for by-request services availed
- (e) Cost for organising workshops

#### Assumptions:

- 1. The Annual Candidate Fee has been calculated assuming that it would take two years to complete the authorization process
- 2. Number of teachers have been assumed to be 30 for the MYP
- 3. Professional Development for Teachers per subject group has been calculated for 8 subjects



## 3. Programme Implementation - Individual Programmes

#### iii) Cost for implementation of Diploma Programme

#### **One-time Costs:**

Fee for Authorization Process of DP:

Process	INR
Application of Candidacy Fee	3,72,100
Annual Candidate Fee	8,23,500
Evaluation Visit Flat Fee	2,15,000
School Support Services	61,000
Annual Fee	8,88,038
Professional Development for Head of school	27,450
Professional Development for all subject Teachers	3,29,400
Professional Development for TOK teachers	54,900
Professional Development for CAS Coordinators	54,900
Professional Development for programme coordinator	27450
Total	28,53,738

#### Other Costs:

- (a) Fee for mandatory professional development workshops throughout the year
- (b) Annual Fee
- (c) Per student assessment fee for exams
- (d) Fee for by-request services availed
- (e) Cost for organising workshops

Assumptions: 1. The Annual Candidate Fee has been calculated assuming that it would take 2 years to complete the authorization process

- 2. Number of teachers have been assumed to be 12 for the DP
- 3. Number of TOK teachers have been assumed to be 2
- 4. Number of CAS Coordinators have been assumed to be 2



## **3. Programme Implementation -** *Individual Programmes*

### iv) Cost for implementation of Career-related Programme

### **One-time Costs:**

Fee for Authorization Process of CP:

Process	INR
Application of Candidacy Fee	3,72,100
Annual Candidate Fee	8,23,500
CP Authorization fee	7,94,220
School Support Services	61,000
Annual Fee	1,12,667
Professional Development for subject Teachers	3,29,400
Professional Development for CP coordinator	27,450
Professional Development for teachers	3,29,400
Total	28,49,737

#### Other Costs:

- (a) Fee for mandatory professional development workshops throughout the year
- (b) Annual Fee
- (c) Per student assessment fee for exams
- (d) Fee for by-request services availed
- (e) Cost for organising workshops
- Schools can implement the CP alone from 2016

Assumptions:

- 1. The Annual Candidate Fee has been calculated assuming that it would take 2 years to complete the authorization process
- 2. Number of teachers have been assumed to be 12 for the CP



## 3. Programme Implementation - Scenario Analysis

### v) Fee for Authorization Process of PYP and MYP

Process	INR
PYP Fee	29,71,407
MYP Fee	33,34,662
Less discount of 10% on PYP annual fee	64,885
Total	62,41,184

### vi) Fee for Authorization Process of PYP and DP

Process	INR
PYP Fee	29,71,407
DP Fee	28,53,738
Less discount of 10% on PYP annual fee	64,885
Total	57,60,260

### **Key Takeaway**

Schools get a discount on implementing two or more programmes

### vii) Fee for Authorization Process of MYP and DP

Process	INR
MYP Fee	33,34,662
DP Fee	28,53,738
Less discount of 10% on MYP annual fee	76,506
Total	61,11,894

### viii) Fee for Authorization Process of PYP, MYP and DP

Process	INR
PYP Fee	29,71,407
MYP Fee	33,34,662
DP Fee	28,53,738
Less discount of 10% on combined two lowest annual fee	1,41,391
Less individual program evaluation flat fee	6,45,000
Add Evaluation visit fee for 3 programmes	5,73,000
Total	89,46,416



# 3. Programme Implementation - Scenario Analysis

### ix) Fee for Authorization Process of CP along with DP

Process	INR
DP Fee	28,53,738
Application of Candidacy Fee	3,72,100
Annual Candidate Fee	8,23,500
CP Authorization fee	7,94,220
School Support Services	61,000
Annual Fee	1,12,667
Professional Development for subject Teachers	3,29,400
Professional Development for CP coordinator	27,450
Professional Development for teachers	3,29,400
Total	57,03,475

### x) Fee for Authorization Process of all four programmes

Process	INR
School Seeking Authorization for PYP, MYP & DP	89,46,416
School Seeking Authorization for CP along with DP	57,03,475
Total	1,46,49,891



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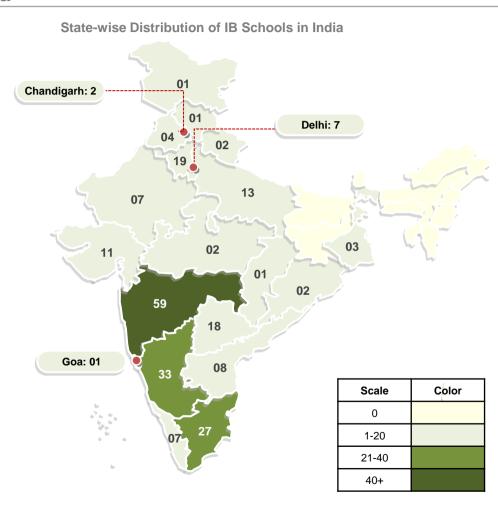
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### 1. Distribution of IB World Schools in India

No. of IB World Schools	218	
No. of PYP Schools	146	
No. of MYP Schools	61	
No. of DP Schools	157	
No. of CP Schools	26	

- Among the metros, Mumbai has the highest number of IB schools (46), while Kolkata (3) has the lowest
- Only 24 schools offers the IB Career-related Programme
- IB schools are concentrated in the West () and South ()
- There are no IB schools in the north-east states



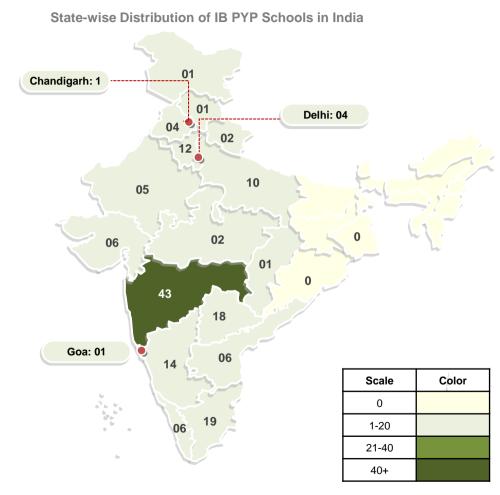


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### **Key Takeaways**

Maharashtra has the highest number of schools offering PYP.



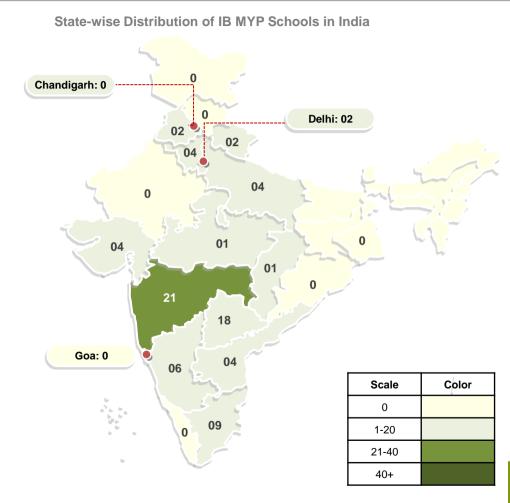


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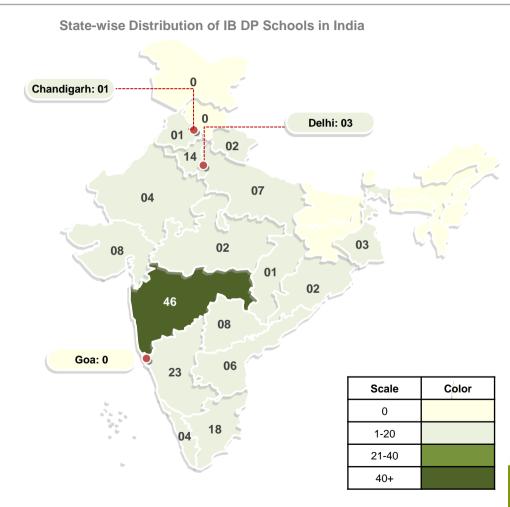


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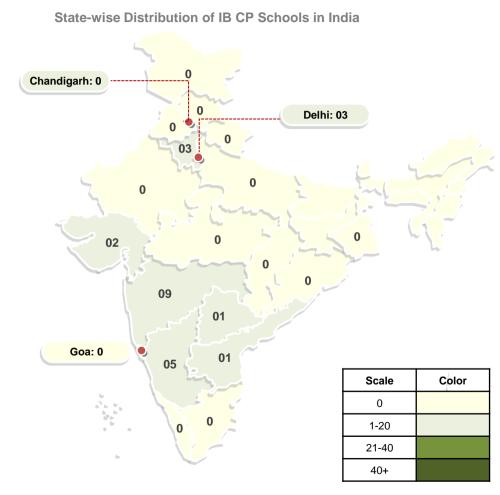


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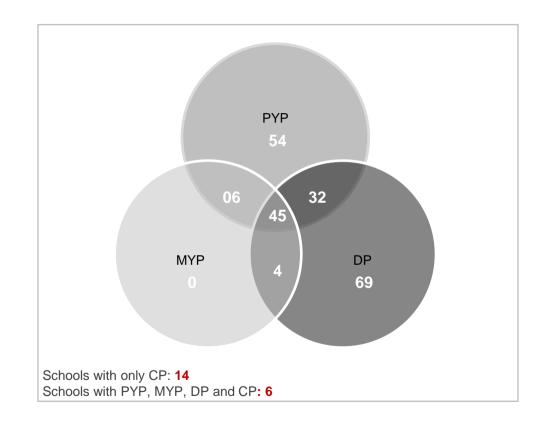
Maharashtra has the highest number of schools offering DP.





## 1. Distribution of IB World Schools in India: Key Takeaways

- IB DP is the most preferred program by schools which offer only one program i.e., 69 schools
- IB DP is also the most offered program by schools offering multiple programs i.e., 105 schools
- 45 schools offer all the three programmes i.e. PYP, MYP and DP
- 6 schools provide all the four programmes i.e. PYP, MYP, DP and CP
- Schools get a discount on implementing two or more IB programmes





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## 2. Comparison of IB Schools in India: PYP Schools (1/2)

Sr. No.	School	Place	Year of Establishment	Inception of PYP	Area (Acres)	Type of Programme	Other Courses
1	Ajmera Global School	Mumbai	2006	2009	18.5	Day	IGCSE, ICSE (6-10)
2	GD Goenka World School	Gurgaon	2003	2005	60	Day/Boarding	IB DP, IGCSE, Cambridge lower secondary
3	Genesis Global School	Noida	1999	2013	30	Day/Boarding	IB DP, CBSE 6-12, CIE C S1, IGCSE
4	Kodaikanal International School	Kodaikanal	1901	2012	43	Day/Boarding	IB MYP, IB DP
5	Lancers International School	Gurgaon	2009	2013	5.4	Day/Boarding	IB DP, IGCSE
6	Navrachana International School	Vododara	2006	2008	13.8	Day/Boarding	IB MYP, IB DP, CBSE (1-10)
7	Pathways School Noida	Noida	2010	2014	10	Day	IB DP, IGCSE
8	Pathways World School	Gurgaon	2003	2008	10	Day/Boarding	IB MYP, IBDP
9	The Aga Khan Academy	Hyderabad	2011	2014	100	Day/Boarding	IB MYP, IBDP

- Most of the schools have adopted the IB PYP Curriculum after 2008
- The school area varies from 5 acres to 100 acres with most of the schools within an area of 30 acres
- Most of the schools are day schools at the primary level
- All the schools offer multiple international programmes , while a few like Ajmera Global School, Genesis Global School and Navrachana International School also offer the Indian Boards



## 2. Comparison of IB Schools in India: PYP Schools (2/2)

Sr. No.	School	Location	Admission Fee (Rs.)	Monthly Tuition Fee	Annual Fee
1	Ajmera Global School	Mumbai	60,000	11,800	1,42,000
2	GD Goenka World School	Gurgaon	50,000	24,780	2,97,360
3	Genesis Global School	Noida	90,000	37,425	4,49,100
4	Kodaikanal International School	Kodaikanal	1,10,000	1,11,400	13,37,000
5	Lancers International School	Gurgaon	1,50,000	51,333	6,16,000
6	Navrachana International School	Vododara	1,16,701	15,628	1,87,543
7	Pathways School Noida	Noida	1,75,000	63,000	7,56,000
8	Pathways World School	Gurgaon	1,00,000	56,600	6,80,000
9	The Aga Khan Academy	Hyderabad	1,50,000	34,641	4,15,695

Fees considered for Grade 5th

- The admission fee ranges from Rs. 60,000 to Rs. 3,00,000 with most schools charging around ₹1,00,000
- The minimum annual fee is Rs. 1,87,000 and ranges to Rs. 13,37,000



<sup>■</sup> The admission fee is a one-time fee payable at the time of admission

<sup>■</sup> Variable fee components like transportation fee, special education needs fee, etc. has not been added to calculate the annual fee

<sup>•</sup> The annual fee includes the monthly tuition fee. It does not include the admission fee and examination fee.

## 2. Comparison of IB Schools in India: MYP Schools (1/2)

Sr. No.	School	Place	Year of Establishment	Inception of MYP	Area (Acres)	Type of Programme	Other Courses
1	Kodaikanal International School	Kodaikanal	1901	2006	43	Day/Boarding	IB PYP, IB DP
2	Navrachana International School	Vododara	2006	2008	13.8	Day/Boarding	IB PYP, IB DP, CBSE (1-10)
3	Pathways World School	Gurgaon	2003	2015	10	Boarding	IB PYP, IBDP
4	The Aga Khan Academy	Hyderabad	2011	2014	100	Boarding	IB PYP, IBDP

- Most of the schools implement the IB MYP after implementing the IB PYP and DP
- The school area varies from 10 acres to 100 acres with most of the schools within an area of 30 acres
- No school offers both the IB MYP and the IGCSE for Grades 9 and 10



## 2. Comparison of IB Schools in India: MYP Schools (2/2)

Sr. No.	School	Place	Admission Fee (Rs.)	Monthly Tuition Fee	Annual Fee
1	Kodaikanal International School	Kodaikanal	-	-	14,27,000
2	Navrachana International School	Vododara	1,12,680	1,52,145	2,04,605
3	Pathways World School	Gurgaon	1,80,000	30,000	9,36,000
4	The Aga Khan Academy	Hyderabad	1,50,000	54,600	6,56,371

Fees considered for Grade 10th

- The admission fee ranges from Rs. 1,12,680 to Rs 1,80,000
- The minimum annual fee is Rs. 2,04,605 and ranges to Rs. 14,27,000



<sup>■</sup> The admission fee is a one-time fee payable at the time of admission

<sup>■</sup> Variable fee components like transportation fee, special education needs fee, etc. has not been added to calculate the annual fee

<sup>■</sup> The annual fee includes the monthly tuition fee. It does not include the admission fee and examination fee.

## 2. Comparison of IB Schools in India: DP Schools (1/2)

Sr. No.	School	Place	Year of Establishment	Inception of DP	Area (Acres)	Type of Programme	Other Courses
1	Bangalore International School	Bangalore	1969	2005	2	Day/Boarding	IC PYP, Cambridge Checkpoint, IGCSE, 'A' Levels
2	Calcutta International School	Kolkata	1953	2012	2	Day	IGCSE, 'A' Levels
3	GD Goenka World School	Gurgaon	2003	2005	60	Day/Boarding	IB PYP, IGCSE
4	Genesis Global School	Noida	1999	2014	30	Boarding	IB PYP, CBSE 6-12, CIE C S1, IGCSE
5	Greenwood High	Bangalore	2004	2011	40	Day/Boarding	IGCSE, ICSE, ISC
6	Kodaikanal International School	Kodaikanal	1901	1976	43	Boarding	IB PYP, IB MYP
7	Lancers International School	Gurgaon	2009	2011	5.4	Day/Boarding	IB PYP, IGCSE
9	Navrachana International School	Vododara	2006	2006	13.8	Day/Boarding	IB PYP, IB MYP, CBSE (1-10)
10	Pathways School Noida	Noida	2010	2010	10	Day	IB PYP, IGCSE
11	Pathways World School	Gurgaon	2003	2003	10	Boarding	IB PYP, IB MYP
12	The Aga Khan Academy	Hyderabad	2011	2012	100	Day/Boarding	IB MYP, IBDP

- Kodaikanal International School was the first IB school in India
- Most of the schools implement the IB DP curriculum after before implementing the IB PYP and MYP
- The school area varies from 2 acres to 100 acres with most of the schools within an area of 30 acres
- Some schools are only boarding for the diploma programme
- The middle years programmes are generally boarding
- Very few schools offer both the IB DP and ICE 'A' Levels

## 2. Comparison of IB Schools in India: DP Schools (2/2)

Sr. No.	School	Place	Admission Fee (Rs.)	Monthly Tuition Fee	Annual Fee
1	Bangalore International School	Bangalore	1,20,000	35,250	4,23,000
2	Calcutta International School	Kolkata	1,00,000	32,000	3,84,000
3	GD Goenka World School	Gurgaon	50,000	18,000	3,61,800
4	Genesis Global School	Noida	30,000	39,300	5,85,000
5	Greenwood High	Bangalore	80,000	41,175	5,88,000
6	Kodaikanal International School	Kodaikanal	2,10,000	28,292	4,12,500
7	Lancers International School	Gurgaon	1,00,000	21,067	1,97,750
9	Navrachana International School	Vododara	40,000	26,458	3,45,600
10	Pathways School Noida	Noida	1,00,000	51,333	6,34,000
11	Pathways World School	Gurgaon	1,00,000	51,333	6,34,000
12	The Aga Khan Academy	Hyderabad	1,50,000	71,200	8,54,560

- The admission fee ranges from Rs. 30,000 to Rs. 2,10,000 with most schools charging within Rs. 1,00,000
- The monthly tuition fee varies between Rs. 18,000 to Rs. 71,200. The schools charge the tuition fees on an annual basis
- The minimum annual fee is Rs. 1,97,750 and ranges to Rs. 8,54,560
- The admission fee is a one-time fee payable at the time of admission
- Variable fee components like transportation fee, special education needs fee, etc. has not been added to calculate the annual fee
- The annual fee includes the monthly tuition fee. It does not include the admission fee and examination fee.



## 2. Comparison of IB Schools in India - Affiliations/Accreditations/Collaborations

Sr. No.	School	Affiliations/Accreditations/Collaborations	
1	GD Goenka World School	<ul><li>Cambridge Assessment International Education</li><li>British Council</li></ul>	
2	Genesis Global School	<ul> <li>Regional Member of Round Square</li> <li>International Collaborations - Clifton College, LAMDA (UK), Ermitage (France), MoU with Middlesex University.</li> </ul>	Key T
3	Kodaikanal International School	<ul> <li>US Middle States Association of Colleges &amp; Schools (Philadelphia)</li> <li>Middle States Commission on Elementary Schools (CES)</li> <li>Middle States Association of Colleges and Schools (MES)</li> <li>Association of Indian Universities (AIU)</li> <li>Member of -         <ul> <li>Council of International Schools (CIS)</li> <li>Near East South Asia Council of Overseas Schools (NESA)</li> <li>National Honor Society (NHS)</li> <li>Association for Supervision and Curriculum Development (ASCD)</li> <li>NASC (National Association of Student Councils)</li> </ul> </li> </ul>	<ul> <li>Mos scho fore Harr are intel soci Cou Intel You</li> </ul>
4	Navrachana International School	<ul> <li>British Council</li> <li>Schulen: Partner der Zukunft</li> <li>YES(Youth Engaging Society) Centre for the IAYP</li> <li>Alliance française, School Film (Germany)</li> </ul>	100
5	Pathways School Noida	<ul><li>LEED-EB Platinum certification from USGBC</li><li>Accredited by CIS &amp; NEASC.</li></ul>	
6	The Aga Khan Academy	Harvard University  Oxford University Toronto University Phillips Academy, Andover, USA Schule Schloss Salem (Germany)	

### **Takeaway**

ost of the international chools have tie-ups with reign universities, like arvard University, and e members of various ternational councils and like cieties, ouncil and ternational Award oung People



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# 2. Comparison of IB Schools in India - Other Programmes

Sr. No.	School	Other Programmes
1	GD Goenka World School	<ul><li>Model United Nations</li><li>Special Education Programme (SEP)</li></ul>
2	Genesis Global School	<ul> <li>Annual exchange programmes</li> <li>Mid-term educational tours including NASA, MINDSPARK and EXTRAMARKS programmes</li> <li>Olympiads</li> <li>Trinity College exams in Speech and Drama</li> </ul>
3	Kodaikanal International School	<ul> <li>The Learning Resource Department for students with learning difficulties</li> <li>KIS Social Experience</li> <li>KIS Student Exchange</li> <li>Scholarships</li> <li>KIS Diploma Arts</li> </ul>
4	Navrachana International School	<ul> <li>Partnership with the Federal Republic of Germany for cross cultural teacher exchange and other programmes</li> <li>Partnership with Alliance française</li> </ul>
5	Pathways School Noida	<ul> <li>Community services</li> <li>Model United Nations, Start-up Challenges</li> <li>Special education needs programmes</li> </ul>
6	The Aga Khan Academy	<ul><li>Community service</li><li>International exchanges</li></ul>

### **Key Takeaway**

Apart from the academic courses, the schools also run other programmes like Special Education Needs programmes, Model United Nations, etc.



# 2. Comparison of IB Schools in India - Admission Process

Sr. No.	School	Admission Process
1	GD Goenka World School	<ul> <li>Fill application form, day-boarding/ boarding application form and the medical form</li> <li>Attach supporting documents, submit application</li> <li>Admission test in english and mathematics</li> <li>Interview</li> </ul>
2	Genesis Global School	<ul> <li>Submit application form</li> <li>Written test in english, science, maths</li> <li>Interview with Principal, Head- International Curriculum</li> </ul>
3	Kodaikanal International School	<ul> <li>Fill and submit admission kit</li> <li>Schedule visit to KIS</li> <li>Track KIS application forms</li> <li>KIS Admissions Coordinator will send a letter of acceptance</li> <li>Send commitment letter to complete admission process</li> <li>Submit security deposit</li> </ul>
4	Navrachana International School	<ul> <li>Submit documents</li> <li>On the spot admission is granted to a student if he/she satisfies all the provisions of the admission criteria</li> <li>Payment of the requisite fee.</li> </ul>
5	Pathways School Noida	<ul> <li>Fill application form</li> <li>Primary school candidates are examined by the Primary Head</li> <li>DP - interaction and written tests in English, Mathematics and Science</li> <li>All the IB Diploma candidates also have a meeting with the School Director</li> </ul>
6	The Aga Khan Academy	<ul> <li>Submit application form and other documents</li> <li>Admission is competitive and based on student merit</li> </ul>

### Key Takeaway

■ The admission process includes a written test in English, Mathematics, and Science from Grade 2 onwards. All the grades have an interview with the Principal and/or Programme Coordinator



# 2. Comparison of IB Schools in India - ICT Learning

Sr. No.	School	ICT Learning
1	GD Goenka World School	<ul> <li>Fully Wired &amp; Wireless Networked Campus</li> <li>400 student and staff laptops/PCs</li> <li>Building Automation System</li> <li>Audio-Video System</li> <li>'Campus-Care', a windows based integrated school management software</li> </ul>
2	Genesis Global School	<ul> <li>Wi-Fi enabled campus</li> <li>e-classrooms</li> <li>Multimedia library</li> <li>Computer labs and tablets</li> </ul>
3	Kodaikanal International School	<ul><li>330 computers</li><li>5 computer labs with 12-20 computers per lab</li></ul>
4	Navrachana International School	<ul><li>SMART rooms</li><li>Computer laboratories</li></ul>
5	Pathways School Noida	<ul> <li>Interactive whiteboards &amp; projection screens</li> <li>Computer laboratories</li> <li>Software library management software</li> </ul>
6	The Aga Khan Academy	■ Computer laboratories

### **Key Takeaway**

■ All schools have wifi campuses, well equipped computer laboratories and facilities for ICT learning



# 2. Comparison of IB Schools in India - Teacher Training

Sr. No.	School	Teacher Training
1	GD Goenka World School	■ Soft skills training workshops
2	Genesis Global School	■ INSET training
3	Kodaikanal International School	<ul><li>NESA conferences</li><li>In-house workshops</li></ul>
4	Navrachana International School	■ Trainings by Navrachana College of Education
5	Pathways School Noida	<ul> <li>TAISI Workshops</li> <li>Asia Region Art Education Workshop</li> <li>NINNS Workshop</li> <li>MBTI &amp; Learning Styles Inventory workshop</li> <li>Theatre Activity for Social and Emotional Learning Workshop</li> </ul>
6	The Aga Khan Academy	<ul> <li>Professional Development centre - Professional Learning for Educators Series (PLES)</li> </ul>

### **Key Takeaway**

Apart from the IB Professional Development, some schools have internal teacher training programmes and workshops



# 2. Comparison of IB Schools in India - Academic Facilities

Sr. No.	School	Academic Facilities
1	GD Goenka World School	<ul> <li>Multi-purpose hall</li> <li>Specialist studios for performing arts with CADCAM equipment</li> </ul>
2	Genesis Global School	<ul><li>e-classrooms</li><li>Multimedia library</li></ul>
3	Kodaikanal International School	<ul> <li>2 Libraries</li> <li>2 Media centers</li> <li>3 Study halls</li> <li>6 Science laboratories (including home economics)</li> </ul>
4	Navrachana International School	<ul> <li>Study Centers</li> <li>Science Laboratories</li> <li>Pre primary wing - kids library, art corner, role play room, mini theatre</li> </ul>
5	Pathways School Noida	<ul> <li>Library &amp; media centre</li> <li>Laboratories</li> <li>Design &amp; technology laboratory</li> <li>Studios for dance, music and theatre</li> </ul>
6	The Aga Khan Academy	<ul> <li>Subject and age-specific classrooms</li> <li>Science and computer laboratories</li> <li>Library and resource centres</li> <li>Rooms for fine arts, music and dance, including individual practice booths and a music recording area</li> </ul>

**Key Takeaway** 

■ The schools provide academic facilities like laboratories, multimedia libraries, art studios, etc.



# 2. Comparison of IB Schools in India - Sports Facilities

Sr. No.	School	Sports Facilities
1	GD Goenka World School	<ul> <li>7 Playing-fields for football, hockey and cricket</li> <li>400-metre athletics track</li> <li>Basketball, tennis and volleyball courts</li> <li>Fitness centre</li> </ul>
2	Genesis Global School	<ul> <li>21 Different indoor and outdoor sporting activities, International coaches</li> <li>Olympic size swimming pool, toddler's pool</li> <li>1,10,000 sq. ft AC Multi- purpose sporting hall</li> <li>Athletic track</li> <li>3 Sports fields</li> <li>Lawn tennis, badminton, basketball and squash courts</li> <li>Shooting range and a horse riding arena</li> </ul>
3	Kodaikanal International School	<ul> <li>2 Covered courts for sports basketball, indoor football, volleyball and badminton</li> <li>3 Playing fields for football, cricket, baseball and field hockey</li> <li>2 outdoor basketball courts</li> <li>1 Racquetball court</li> <li>1 Squash court</li> <li>3 Tennis courts</li> <li>2 Children's playgrounds</li> <li>Fitness center</li> </ul>

Sr. No.	School	Sports Facilities		
4	Navrachana International School	<ul> <li>Volley ball, basket ball and tennis courts</li> <li>50m Olympic size swimming pool</li> <li>Floaters, fins</li> <li>Football and cricket fields</li> <li>400 mt athletics track</li> <li>Table tennis tables and a practice robotic table</li> <li>Long jump/Triple Jump pit</li> <li>High Jump mat</li> <li>2 standard size concrete basketball court</li> </ul>		
5	Pathways School Noida	<ul> <li>Soccer and cricket fields</li> <li>Basketball, squash, lawn tennis, table tennis, badminton courts</li> <li>Swimming pools</li> <li>Golf and horse riding</li> </ul>		
6	The Aga Khan Academy	<ul> <li>Swimming and diving pools</li> <li>Sports fields for soccer, hockey and athletics</li> <li>Cricket pitch</li> <li>Tennis and squash courts</li> <li>Athletics centre for aerobics, dance and fitness</li> </ul>		

**Key Takeaway** 

• International schools have infrastructure for a wide range of indoor and outdoor sports activities like swimming pools, gymnasiums, horse riding, etc.

# 2. Comparison of IB Schools in India - Other Facilities

Sr. No.	School	Other Facilities
1	GD Goenka World School	<ul> <li>Open-air amphitheatre</li> <li>Guidance cell</li> <li>Student council</li> <li>Careers office</li> <li>Special education services</li> <li>Spa &amp; salon</li> <li>Dining-hall</li> <li>Infirmaries, ambulance, tie-up with Artemis Hospital</li> </ul>
2	Genesis Global School	<ul> <li>Co-curricular activities</li> <li>24/7 Surveillance cameras and CCTV monitoring by trained security personnel</li> <li>Centrally air- conditioned building with photo hydro lonisation</li> <li>Rain water harvesting pits</li> <li>Solar water heating panel</li> <li>Biometric/smart attendance</li> <li>Central dining hall</li> <li>Infirmary</li> <li>Green campus</li> </ul>
3	Kodaikanal International School	<ul> <li>1 Student recreation room 'lounge'</li> <li>Dining facilities with full kitchen</li> <li>Gymkhana snack bar</li> <li>KIS dispensary</li> <li>50 Music practice rooms, 45 pianos, full strings and orchestra instruments</li> </ul>

Sr. No.	School	Other Facilities
4	Navrachana International School	<ul> <li>Open air theatre</li> <li>Multi purpose hall / AV rooms</li> <li>Kitchen &amp; dining hall</li> <li>Performing arts center for western and Indian forms of music, dance and drama</li> <li>Visual arts center</li> <li>Infirmary</li> <li>Counselling center</li> <li>Student hostels</li> <li>Staff residences</li> </ul>
5	Pathways School Noida	<ul><li>Atriums</li><li>Amphitheatre</li><li>Green campus</li></ul>
6	The Aga Khan Academy	Dining facilities

### Key Takeaway

• International schools also provide other facilities like infirmaries, open air theatres, counselling centres, etc.



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    - ii. Resources and Support
  - 2. Cost Analysis
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    - ii. Annual School Fee
    - iii. Assessment Fee
    - iv. Professional Development Workshop Costs
  - 3. Programme Implementation
    - Individual Programmes
    - ii. Scenario Analysis
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  - Distribution of IB World Schools in India
  - 2. Comparison of IB Schools in India
  - 3. Salient Features of an IB World School

### II. Cambridge International Examination (CIE)

- A. Structure of the CIE
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  - ii.Teacher Programmes
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  - 2. Requirements
    - Infrastructure
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    - ii. Physical Environment
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# 3. Salient Features of an IB School

Parameter	Description				
Area	10-30 acres				
Type of School	Day/Boarding				
Courses Offered  Grades 1 - 5 : IB Primary Years Programme Grades 6 - 8: IB Middle Years Programme Grades 9 - 10: IB Middle Years Programme / ICE IGCSE / CBSE / ICSE Grades 11 - 12: IB Diploma Programme / IB Career-related Programme / ICE 'A'				/ ISC	
		PYP	MYP	DP	
Face	Admission Fee (Rs.)	30,000 - 1,000,00	30,000 - 1,000,00	30,000 - 1,000,00	
Fees	Monthly Tuition Fee (Rs.)	10,000 - 20,000	10,000 - 30,000	20,000 - 40,000	
	Annual Fee (Rs.)	1,50,000 - 3,00,000	1,50,000 - 3,50,000	3,00,000 - 5,00,000	
Affiliations/Accreditations/ Collaborations	Partnerships with foreign universities, British Council				
Other Programmes Special Education Needs programme, student exchange programmes, community services					
Admission Process Written test from Grade 2 onwards, interview with Principal and/or Programme Coordinator					
ICT Learning	Computer laboratories, Interactive whiteboards & projection screens, multi-media collection				
Teacher Training	IB and CIE professional development programmes, internal trainings and workshops				
Academic Facilities	c Facilities Laboratories, multimedia libraries, arts studio				
Sports Facilities	Cricket and football fields, tennis and basketball courts, swimming pool, indoor games facilities, fitness centre				
Other Facilities	Student counselling, infirmary, amphitheatre, dining facilities, hostels				



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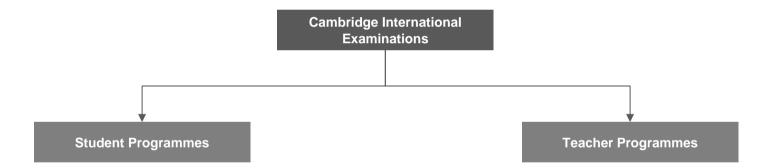
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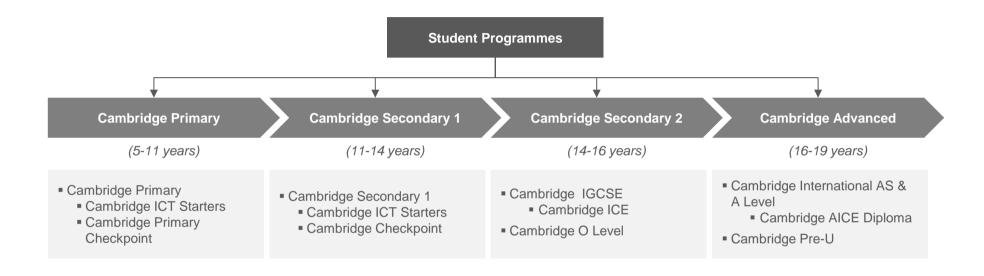
# The Structure of Cambridge International Examinations (CIE)

- Founded in 1998, CIE a not-for-profit organization started by Cambridge Assessment, a part of University of Cambridge
- Cambridge Assessment operates the University's three exam Boards:
  - Cambridge International Examinations
  - Cambridge English Language Assessment
  - Oxford, Cambridge and RSA (OCR)
- CIE supports nearly a million students from 10,000 schools in more than 160 countries





## 1. Programmes offered by the CIE: (i) Student Programmes





## **Cambridge Primary**

**Cambridge Primary** 

Support for

**Teachers** 

### **Student Programmes**

Online support tools

Student Progress CheckerTraining - face to face and online

Examiner reports

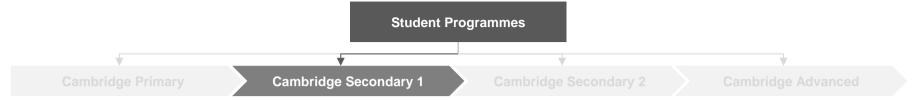
■ There are currently 1300 schools offering the Cambridge Primary in over 110 countries

- Secure online support and performance analysis tools
- Equivalent to ~ Class KG to 5 in India

Duration	5 years	
Subjects	<ul><li>English, Mathematics, Science</li><li>Cambridge ICT Starters - Information and Communication Technology (ICT)</li></ul>	
Assessment	Cambridge Primary Progression Tests	<ul> <li>For stages 3, 4, 5 and 6</li> <li>Marked internally by teachers</li> <li>The Cambridge Progress Checker - online comparisons of a student's results against their class, school or other schools around the world on a year-by-year basis</li> </ul>
Options	Cambridge Primary Checkpoint	<ul> <li>At the end of the final year of Cambridge Primary</li> <li>Available for English, mathematics and science</li> <li>Marked externally in Cambridge</li> <li>Students receive a statement of achievement and a diagnostic feedback report</li> </ul>
	<ul><li>Curriculum framework</li><li>Textbooks and resour</li></ul>	c, guides and scheme of work

Testing and assessment tools, Past/specimen question papers and mark schemes

# b) Cambridge Secondary 1



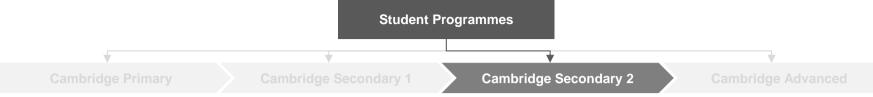
- There are currently 2000 schools offering the Cambridge Secondary 1 in over 100 countries
- Secure online support and performance analysis tools
- Equivalent to ~ Class 6 to 8 in India

	Duration	3 years	
S	Subjects	<ul><li>English, Mathematics,</li><li>Cambridge ICT Starter</li></ul>	Science rs - Information and Communication Technology (ICT)
	Assessment	Cambridge Secondary 1 Progression Tests	<ul> <li>For stages 7, 8 and 9</li> <li>Marked internally by teachers</li> <li>The Cambridge Progress Checker - online comparisons of a student's results ag their class, school or other schools around the world on a year-by-year basis</li> </ul>
	Options	Cambridge Checkpoint	<ul> <li>At the end of the final year of Cambridge Secondary 1</li> <li>Available for English, mathematics and science</li> <li>Marked externally in Cambridge</li> <li>Students receive a statement of achievement and a diagnostic feedback report</li> </ul>
	Support for Teachers	<ul> <li>Curriculum framework, guides and scheme of work</li> <li>Textbooks and resources from publishers</li> <li>Online support tools</li> <li>Testing and assessment tools, Past/specimen question papers and mark schemes</li> <li>Examiner reports</li> <li>Student Progress Checker</li> <li>Training - face to face and online</li> </ul>	



against

# c) Cambridge Secondary 2



- There are currently 4800 schools offering the Cambridge IGCSE in over 150 countries
- There are currently 1800 schools offering the Cambridge O Level in over 60 countries
- Equivalent to ~ Classes 9 and 10 in India

	Cambridge IGCSE	Cambridge O Level
Duration	■ 2 years	■ 2 years
Subjects	■ 70 – English language and literature, mathematics, sciences, languages, humanities and social sciences, business, technical and vocational	<ul> <li>40 – English language and literature, mathematics, sciences, humanities and social sciences, business, technical and vocational</li> </ul>
Exam Session	■ Twice in a year — May/ June and October/November	■ Twice in a year — May/ June and October/November
Exam Pattern	<ul> <li>Written, Oral, Coursework and Practicals</li> <li>Cambridge ICE - group award for passing examinations in at least seven subjects</li> </ul>	■ Written, Oral and Practicals
Support for Teachers	<ul> <li>Syllabus, guides and scheme of work</li> <li>Textbooks and resources from publishers</li> <li>Online support tools</li> <li>Past/specimen question papers and mark schemes</li> <li>Examiner reports</li> <li>Training - face to face and online</li> </ul>	<ul> <li>Syllabus</li> <li>Textbooks and resources from publishers</li> <li>Online support tools</li> <li>Past/specimen question papers and mark schemes</li> <li>Examiner reports</li> <li>Training - face to face and online</li> </ul>



# d) Cambridge Advanced

### **Student Programmes**

**Cambridge Primary** 

Cambridge Secondary 1

**Cambridge Secondary** 

**Cambridge Advanced** 

- Cambridge AS & A Level:
- Recognised by universities around the world
- Offered in over 140 countries
- Equivalent to ~ Classes 11 and 12 in India

	Cambridge AS & A Level	Cambridge Pre-U (for Schools in UK only)
Duration	■ AS Level - 1 year, A Level – 2 years	■ 2 years
■ 55 – English language and literature, mathematics, sciences, languages, humanities and social sciences, business, technical and vocational		<ul> <li>24 – English language and literature, mathematics, sciences, humanities and social sciences, business, technical and vocational</li> </ul>
Exam Session	■ Twice in a year – June and November	■ Twice in a year – June and November
Exam Pattern	<ul> <li>Option 1: AS Level exam only</li> <li>Option 2: Stage 1- AS Level, Stage 2 - A Level</li> <li>Option 3: All papers of A Level at the end of the course</li> <li>Cambridge AICE Diploma - group certificate to study subjects from mathematics and science, languages, and arts and humanities</li> </ul>	<ul> <li>Written examination, essay and presentation at the end of year one and a 5000-word Research Report at the end of year two</li> </ul>
Support for Teachers	<ul> <li>Syllabuses</li> <li>Textbooks and resources from publishers</li> <li>Online support tools</li> <li>Past/specimen question papers and mark schemes</li> <li>Examiner reports</li> <li>Training - face to face and online</li> </ul>	<ul> <li>Syllabuses</li> <li>Textbooks and resources from publishers</li> <li>Online support tools</li> <li>Past/specimen question papers and mark schemes</li> <li>Examiner reports</li> <li>Training - face to face and online</li> </ul>



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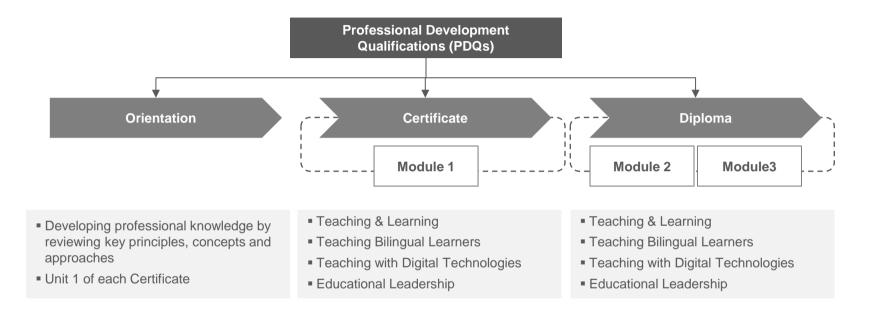
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## 1. Programmes offered by the CIE: (ii) Teacher Programmes (1/2)



- All Cambridge PDQs are available at both Certificate and Diploma level
- Cambridge Professional Development Qualifications are accredited by the Institute of Education (IOE), University of London



# 1. Programmes offered by the CIE: (ii) Teacher Programmes (2/2)

## **Qualification Structure:**

Programme Details	Module 1	Module 2	Module 3	
Learning hours in preparation	120	120	120	
Recommended programme duration	4 months	4 months	4 months	
Assessment	Portfolio of evidence of practice, learning and reflection	Portfolio of evidence of practice, learning and reflection	Portfolio of evidence of practice, learning and reflection	
Evidence length	3600 words with work-based records	3600 words with work-based records	3600 words with work-based records	

Certificate / Diploma	Description
Teaching & Learning	<ul> <li>Useful for practicing teachers</li> <li>They are inclusive and relevant to all teaching and learning contexts: from primary and secondary general education, to adult and higher education</li> </ul>
Teaching Bilingual Learners	<ul> <li>Useful for practicing teachers who are teaching a non-language curricular subject (such as history or mathematics) to bilingual learners, through an additional language</li> </ul>
Teaching with Digital Technologies	<ul><li>Useful for practicing teachers</li><li>Helps teachers to learn new techniques and technologies</li></ul>
Educational Leadership	<ul> <li>Helps teachers to develop their leadership skills,</li> <li>To increase their knowledge and understanding of effective leadership</li> </ul>

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## 2. Cambridge International Examination: Key Focus Areas

## **Flexibility**

- The curriculum is highly modular and promotes its adoption by schools alongside other curriculum
- At the secondary and the higher secondary stage, a wide variety of options are presented to the students, both for those who want to opt for a narrow line of subject areas and for those who want to cover a wide range of subjects

## ICT

- At the primary and lower secondary levels, a program called ICT starters is also compulsory for the students. This is either offered as a separate program or is embedded within the corresponding program.
- Schools are also provided software tools to be used for teaching, learning and assessment

## **Teacher Development**

- The CIE places utmost importance to teacher development, with workshops and online sessions regularly arranged for the same.
- The CIE provides the teachers with all the required textbooks, test papers, syllabi etc .



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## 3. International General Certificate of Secondary Education

- The International General Certificate of Secondary Education, formed in 1988, is a comprehensive two-year programme, spread over Class 9th and 10th.
- It is a qualification based on individual subjects of study, which means that one receives an "IGCSE" qualification for each subject one takes.

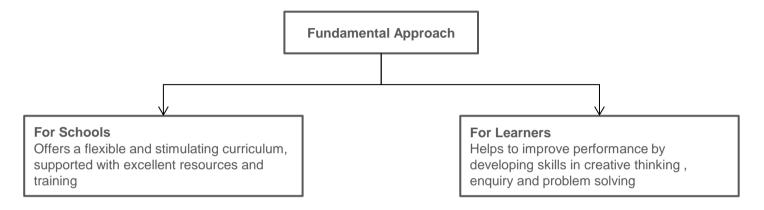
The IGCSE prepares students for further academic study, including the following:

Qualification	Description
CIE A level	<ul> <li>It is a school leaving qualification offered by Cambridge International Examinations (CIE) to students completing secondary or pre university education</li> <li>It is of 2 years and generally split into two parts, with one part studied in each year</li> <li>The first part is known as the Advanced Subsidiary level or AS level and the second part of the program continues as the second year of A level program.</li> </ul>
BTEC (Business & Technology Education Council ) Level	<ul> <li>It is a secondary school leaving qualification and further education qualification in England, Wales, and Northern Ireland</li> <li>BTECs are undertaken in vocational subjects ranging from business studies to engineering</li> </ul>
IB Diploma Programme	<ul> <li>It is a 2 year educational programme primarily aimed at students aged 16-19</li> <li>It was developed in the early to mid-1960s</li> <li>Administered by the International Baccalaureate(IB), the IBDP is currently taught in English, French or Spanish and also being translated into many other languages</li> </ul>
CBSE Class 11	<ul> <li>Offered by the Central Board of Secondary Education in India</li> <li>For students aged 17 years</li> </ul>
ISC Class 11-12	<ul> <li>The Indian School Certificate (ISC) examinations are conducted by the Council for the Indian School Certificate Examinations in India</li> <li>For students aged 17-19 years</li> </ul>



## (i) IGCSE Curriculum (1/2)

The Cambridge IGCSE curriculum offers a variety of courses for learners with a wide range of abilities. The curriculum is build upon the specific needs of the students.



There are over 70 subjects available at Cambridge IGCSE, including 30 languages, and schools can offer them in any combination.

Cambridge IGCSE develops learner knowledge, skills in:

- Subject content
- 2. Applying knowledge and understanding to new as well as unfamiliar situations
- 3. Intellectual enquiry
- 4. Flexibility and responsiveness to change
- 5. Working and communicating in English
- 6. Influencing outcomes
- 7. Cultural awareness



# (i) IGCSE Curriculum (2/2)

Subjects in the IGCSE Curriculum- There are five subject groups in IGCSE with several subjects to choose from, in each group -

Group 1	English language and literature(Language, Literature, World literature, etc.)	For each subject, the certificate indicates the grades scored, and not pass or fail
Group 2	Mathematics (Mathematics, Additional mathematics, etc,.)	Atleast 1
Group 3	Sciences(Biology, Chemistry, Physics, etc,.)	Atleast 1
Group 4	Languages (First language, Second Language, Foreign Language)	Atleast 2
Group 5	Humanities and Social Sciences (Geography, Economics, History, Sociology, etc.)	Atleast 1
Group 6	Business, Technical & Vocational (Accounting, Business Studies, Music, etc.)	Atleast 1

# (ii) Pros & Cons of IGCSE

Pros	Cons
It is more practical and application based	Exams are either conducted in May/ June or October/November with results issued in Aug and Feb respectively whereas local Board results are out by June and college admissions are over by July
<ol><li>It provides students with an opportunity to select courses according to their interest in the subjects of science, humanities, languages, mathematics.</li></ol>	2. The International Boards are expensive (around 5 lakh+) compared to CBSE/ICSE schools.
3. Emphasis is laid on developing critical thinking, analytical skills, communication skills, team work, problem solving techniques etc.	3. In the international school system, a student may select the science he wants to study. But entry to science-based degree programmes in India mandates physics, chemistry and mathematics for engineering; physics, chemistry and biology for medicine, dentistry, pharmacy and related fields like physiotherapy, etc. Though Indian universities accept the IB /IGCSE for entry into degree programmes, but students find it tough to get the high scores in order to meet the competitive selection process
4. Grades are benchmarked using eight internationally recognized grades, A+ to G with clear guidelines to explain the standard of achievement	4. Students switching to CBSE or CISCE (ISC) Board after IGCSE may require some addition coaching



### I. International Baccalaureate (IB)

### A. Structure of the IB

- 1. Programmes Offered by the IB
  - i. Student Programmes
  - ii.Teacher Programmes
- 2. Benefits of the IB

### B. Essentials of Setting-up an IB World School

- 1. The IB World School Authorization Process
  - Mandatory Professional Requirements
  - ii. Resources and Support

### 2. Cost Analysis

- i. Fee for Authorization Process
- ii. Annual School Fee
- iii. Assessment Fee
- iv. Professional Development Workshop Costs
- 3. Programme Implementation
  - Individual Programmes
  - ii. Scenario Analysis

#### C. IB in India

- 1. Distribution of IB World Schools in India
- 2. Comparison of IB Schools in India
- 3. Salient Features of an IB World Schoo

## II. Cambridge International Examination (CIE)

- A. Structure of the CIE
  - 1. Programmes Offered by the CIE
    - i. Student Programmes
    - ii.Teacher Programmes
  - 2. CIE Key Focus Areas
  - 3. International General Certificate of Secondary Education

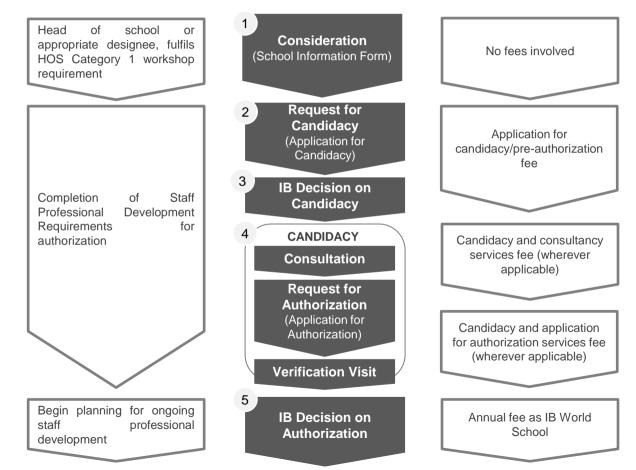
### B. Essentials of Setting-up an IB World School

- 1. School Authorization Process
- 2. Requirements
  - i. Infrastructure
  - ii. Management and Training
  - iii. Physical Environment
- C. CIE in India
  - 1. Distribution of CIE Schools in India
  - 2. Comparison of CIE Schools in India
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- III. Comparison of Education Boards



## 1. School Authorization Process

The IB official website lays down a 3 year authorization timeline, however there are no There are no set deadlines or timeframes for any stage of authorization. The authorization process is school-focused and -driven, allowing each school to determine its own readiness for each successive stage in the process.





# 2. Requirements

Room		Requirement				
	Area of Lab	Generally, 85 sq.m is suitable for a maximum group of 30 pupils				
	Preparation & Storage Area	■ 0.5 sq.m per student				
	Storage Space	■ 5 cubic metre				
Science Lab	Work Surface Area	■ 0.3 sq.mt. per student				
	Services	<ul> <li>One gas Tap for every 2 pupils</li> <li>One socket outlet for every 2 pupils</li> <li>One Sink for every 6 pupils</li> </ul>				
	Others	<ul> <li>Adequate floor space along the perimeter</li> <li>Adequate ventilation, lighting and heating</li> <li>A manual gas shut-off valve at the entry of each lab</li> </ul>				
Computer Lab	Adequate configuration PCs equipped with OS and required Application softwares, Scanners, Printers and Projectors					
Library	Library should cater well to the reading and research needs of students and teachers.					
Examination Room	Adequate ventilation, lighting and heating facilities					



## 2. Requirements: Management & Teaching

## **Management & Leadership**

## **Principal**

The Principal is suitably qualified, competent and experienced in educational leadership

## Leader

School leader demonstrates a commitment to the successful introduction of international qualification and has clear objectives for doing so

### Staff

Senior staff are committed to a programme of school improvement and developing staff and students

## **Teaching & Learning**

1

The school has appropriate number of staff in management, teaching and support functions

2

The staff has appropriate qualifications to deliver Cambridge Education programmes and qualifications

3

The school has a clear approach to developing its teachers and other staffs

4

Diverse learning style and individual student needs is promoted in the school



## **2. Requirements:** Physical Environment

1 Library

- There should be adequate books to support the delivery of the curriculum, including reference, fiction and non-fiction
- For the professional development of the teaching staff enough resources should be present

2

ICT

Appropriate number of computers should be available, as well as printers, scanners and internet connectivity

Health & Safety (Fire Equipment)

• A fire certificate from the local authorities as evidence of a minimum safety standard for the school should be issued

Storage Arrangement

■ To maintain the integrity and security of qualifications and assessments by handling and storing all examination materials in a proper and secure manner

Facility for Examination

■ The school must have adequate accommodation for holding examinations for the number of candidates they have



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  - 3. Salient Features of an IB World School
- III. Comparison of Education Boards

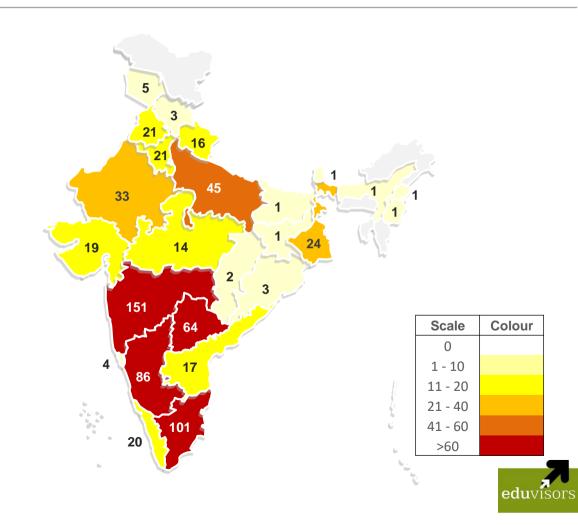


## 1. Distribution of CIE Schools in India

### Total No. of CIE Schools in India - 655

### **Key Takeaways**

- The CIE IGCSE, which is the qualification program for 14-16 year olds is the most popular of all the programs offered by the CIE
- Most international schools in India, offer the CIE programs ( Cambridge Lower Secondary and IGCSE) at the middle and secondary level, usually sandwiched between the IB Primary years program (at the primary stage) and the IB Diploma program (at the higher secondary stage)
- CIE schools are concentrated in the southern states of India (67%)



## C. CIE in India

Sr. No.	School	Place	Year of Inception	School Type	Monthly Tuition Fees (Rs.)
1	Billabong High International School	Mumbai	1993	Regular	-
2	The British School	New Delhi	1963	Regular	71,000
3	Good Shepherd International School	Ooty	1977	Regular/Residential	87,500
4	GD Goenka World School	Gurgaon	1994	Regular/Residential	30,285
5	Dhirubai Ambani International School	Mumbai	2003	Regular	
6	Indus International School	Banglore	2003	Regular/Residential	-
7	Unison World School	Dehradun	2011	Regular/Residential	75,000
8	DRS International School	Hyderabad	2003	Regular/Residential	-
9	Amity Global School	Noida	2007	Regular/Residential	22,333
10	Ecole Mondiale World School	Mumbai	2004	Regular	57,500
11	Scottish High International School	Gurgaon	2004	Regular/Residential	32,520
12	Oberoi International School	Mumbai	2008	Regular	-
13	Hebron School	Ooty	1899	Regular	16,106



# 2. Comparison of CIE Schools in India - Facilities

Schools	Classrooms	Library	Laboratories	ICT	Other Facilities
Billabong High International School	Classrooms are air- conditioned, bright, properly ventilated	Well stocked Library	<ul><li>Science Lab</li><li>Computer Lab</li></ul>	■ Audio-visual support	<ul><li>Art Studio</li><li>Music &amp; Drama Room</li></ul>
GD Goenka World School	Spacious & air conditioned classrooms with audio- visual facility	3 libraries for different programmes with intranet, wi-fi facility	<ul><li>IT Labs</li><li>Science Labs</li><li>Language Lab equipped with 20 computers</li></ul>	<ul><li>PC Projectors</li><li>Visualizes</li></ul>	<ul> <li>Open air amphitheatre</li> <li>4 Specialist Studios (Western &amp;Indian Music and Dance)</li> </ul>
Good Shepherd International School	Classrooms equipped with multimedia projectors	3 libraries with over 50,000 volumes of books with subscription to 75 periodicals and magazines	<ul><li>6 Computer Labs</li><li>Science Labs</li></ul>	■ Audio-Visual Lab	<ul> <li>Religious Education</li> <li>Music Room</li> <li>Dance Room etc</li> <li>Golf Course</li> <li>Design Studio</li> </ul>
Dhirubhai Ambani International School	60 classrooms on campus with multi media support	40,000 books with access to periodicals and 1,600 multimedia resources	<ul><li>Science Lab</li><li>Computer Lab</li><li>Language Lab</li></ul>	<ul> <li>Internet connection with multi media support for teaching</li> </ul>	<ul><li>Art room</li><li>Yoga room</li><li>Multipurpose Auditorium</li></ul>
Indus International School	Classrooms equipped with computers	Well stocked library with online facility also available	<ul><li>Science Lab</li><li>Computer Lab</li></ul>	<ul><li>Wi-fi facility with audio visual teaching</li></ul>	<ul><li>Indoor and outdoor sports complex</li></ul>



# 2. Comparison of CIE Schools in India - Facilities

Schools	Classrooms	Library	Laboratories	ICT	Other Facilities
Unison World School	Smartclass rooms with comfortable furniture & ventilation	2 library for juniors and seniors each	<ul><li>Science Lab</li><li>Computer Lab</li><li>3D Lab</li></ul>	<ul> <li>Audio video facility with internet connection all over the campus</li> </ul>	<ul><li>Amphitheatre</li><li>Seminar Hall</li><li>Sports complex</li></ul>
DRS International School	Flexible & air conditioned classrooms with audio- visual facility	Well stocked library for the students	<ul><li>Science Lab</li><li>Computer Lab</li></ul>	<ul> <li>Multimedia support</li> </ul>	<ul><li>Art Club</li><li>Music Club</li><li>Design &amp; Technology Club</li></ul>
Amity Global School	Ventilated & spacious classrooms	The Library has books with Indian and international publishers	<ul><li>3 Science Labs</li><li>Computer Labs</li></ul>	-	■ Sports Complex
Scottish High International School	Classrooms with multi media support and proper ventilation	Books with access to periodicals and audio visual resources	<ul><li>Science Lab</li><li>IT Lab</li><li>Innovation Lab</li></ul>	<ul><li>Wi-fi campus with audio visual support</li></ul>	<ul><li>Indoor Golf Academy</li><li>Sports room</li><li>Creative room</li></ul>
Ecole Mondiale World School	70 classrooms on campus with multi media support	2 separate libraries for Primary and Secondary school	<ul><li>Science Lab</li><li>Computer Lab</li></ul>	■ Wi-fi enabled campus	<ul><li>Amphitheatre</li><li>Seminar Hall</li><li>Sports complex</li></ul>
Oberoi International School	100 fully wired classrooms	Well stocked library with over 49,000 volume of books	<ul><li>Science Lab</li><li>Computer Lab</li></ul>	■ 2 ICT labs	<ul><li>Amphitheatre</li><li>Seminar Hall</li><li>Sports complex</li></ul>
Hebron School	All classes are smart classes	2 libraries to cater to junior and senior school	<ul><li>Science Lab</li><li>Computer Lab</li></ul>	■ 3 ICT centers	<ul><li>Amphitheatre</li><li>Sports hall</li></ul>

## 2. Comparison of CIE Schools in India – Special Programmes

- Billabong High International School
- Sports and Performing Arts (SPA) Is an integrated development programme. These programs are offered to provide enrichment and enable students to learn new skills and to give them the opportunity to explore areas of physical, academic, social and creative interests. The activity program is compulsory for all students, and takes place during and after school hours.

The British School

- Special Educational Needs (SEN) programme- Admissions policy requires parents to declare if their child has any special learning needs. Apart from normal admission tests, the school also requires standardized assessments (psychoeducational reports) from Year 1 throughout the Primary School, and in Year 9 in the Secondary School to assess the needs of a child and to see if s/he would benefit from the programme.
- English as an Additional Language (EAL) Programme The students work in small groups or individually on an English immersion programme with specially qualified EAL teachers
- 3 DRS International School
- Student Exchange Programme In order to provide a cross cultural exposure and a global perspective to the students, DRSIS has developed an extensive International and Domestic Students Exchange Network. This short-term exchange program is also known as summer or cultural exchange program. It focuses on home stays, language skills, community service, and cultural activities.



## 3. Salient Features of an IGCSE School

Parameter	Description
Monthly Tuition Fees (Rs.)	Rs. 16,000 - 80,000
Classrooms	Spacious, air-conditioned, good ventilation, audio- visual facility
Library	Well stocked library, audio-visual resources,
Laboratories	Science labs, computer labs
ICT	Wi-fi campus, Audio video facility, projectors
Other facilities	Amphitheatre, music room, dance room, sports facilities
Special Programmes	Student exchange programme, special education needs programme



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  - 2. Cost Analysis
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    - ii.Teacher Programmes
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  - 2. Requirements
    - i Infrastructur
    - ii. Management and Training
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## **III. Comparison of Education Boards**



## **Boards of School Education in India:** Overview

- There are over 30 Boards of education in India, most of them being State Boards
- State Boards have the largest number of schools affiliated to them, followed by the national Boards, namely CBSE and CISCE
- The major Boards are:
- 1. Central Board of Secondary Education (CBSE)
- 2. Council for the Indian School Certification Examination (CISCE)
- 3. International Baccalaureate (IB)
- 4. University of Cambridge International Examinations (CIE)

Particular	IB	CIE	CBSE	CISCE
Founded	1968	1858	1962	1958
Headquarters	Geneva, Switzerland	Cambridge, UK	New Delhi, India	New Delhi, India
Governance	Non-profit educational foundation, led by Board of Governors	University of Cambridge	Union Government of India	Private, Non-Governmental Board of school education in India
Number of Schools	218	655	29,086	2,750
Medium of Instruction	English	English	English, Hindi	English
Availability in India	Metropolitan, Tier-I cities	Metropolitan, Tier-I cities	Across India	Tier-I and tier-II cities



# **Boards of School Education in India:** Types of Schools

Ownership	IB	CIE	CBSE	CISCE
Public	No	No	Govt. and Govt. aided schools, Govt. Dept. run schools	No
Private	Run by registered companies/societies	Run by registered companies/societies	Run by registered companies/societies	Run by registered companies/societies

Overall Fee(in Rs.)	IB	CIE	CBSE	CISCE
Low (<1000 pm)	No	No	Yes (Government Schools)	No
Middle (1000-3000 pm)	No	No	Yes (Private Schools)	Yes (Private Schools)
High (3000-6000 pm)	Yes	Yes	Yes (Private Schools)	Yes (Private Schools)
Premium (>6000 pm)	Yes (High end Private Schools)			

## **Key Takeaway**

■ IB schools have a higher fee than the CIE schools because of higher affiliation fee for the school, professional development fee, recurring fee, etc.



# Boards of School Education in India: Recognition of Board for Higher Studies

Location	IB	CIE	CBSE	CISCE
India	All colleges and universities	Some colleges and 78 universities	All colleges and universities	All colleges and universities
Abroad	All colleges and universities	All colleges and universities	Some colleges and universities	Some colleges and universities

## **Key Takeaways**

- CBSE and CISCE are recognized by colleges and universities all over India
- IB and CIE are recognized by all colleges abroad with only some colleges recognizing them in India



# Boards of School Education in India: Curriculum - Primary Subjects

Subjects	IB	CIE	CBSE	CISCE
Languages	English, French, Spanish, Arabic, Chinese, Indonesian,	English	English, Hindi, Foreign (French, German etc.), Regional(Tamil, Telugu etc.)	English, Hindi, French
Mathematics	Yes	Yes	Yes	Yes
Science	Yes	Yes	Yes	Yes
Social Science	Yes	No	Yes	Yes
Others	Arts, Personal, Social and Physical Education	Information and Communication Technology(ICT)	EVS, Computer Science, General Knowledge, Physical Education, Art & Craft, Dance, Music	EVS, Computer Science, General Knowledge, Art and Craft, Moral Science, French, Computer Science

## **Key Takeaway**

■ The IB Curriculum is preferred over the CIE Curriculum at the primary level in India



# Boards of School Education in India: Curriculum - Secondary Subjects

Subjects	IB	CIE	CBSE	CISCE
Languages	English, French, Spanish, Arabic, Chinese, Japanese, Indonesian, Turkish	English, Spanish	English, Hindi, Foreign, Regional	English, Hindi, Foreign
Mathematics	Yes	Yes	Yes	Yes
Science	Yes	Yes	Yes	Yes
Social Science	Yes	Yes	Yes	Yes
Others	Arts, Physical and Health Education, Design etc.	ICT, Food and Nutrition, Art and Design, Child Development etc.	Computer Science, General Knowledge, Art, Music, Painting, Home Science etc.	Computer Science, General Knowledge, Art, Moral Science, Economics, Cookery, Fashion etc.
Flexibility	Fair	Best	Fair	Fair
Number of Options	6 compulsory 1 interdisciplinary course, long-term project	Over ~70 subjects	5 compulsory (1 language + 4 elective) 1 from ~30 for additional	5 compulsory 3 from ~25 for additional

## **Key Takeaway**

■ The CIE Curriculum is preferred over the IB Curriculum at the secondary level in India



# Boards of School Education in India: Curriculum - Senior Secondary Subjects

Subjects	IB	CIE	CBSE	CISCE
Languages	English, French, Spanish, Chinese, German, Japanese (80 languages)	English, French, Spanish, Chinese, Japanese, Portuguese	English, Foreign, Indian	English, Foreign, Indian
Mathematics	Yes	Yes	Yes	Yes
Science	Yes	Yes	Yes	Yes
Social Science	Yes	Yes	Yes	Yes
Others	Arts	Food Studies, Global Perspectives, Information Technology, Divinity etc.	Computer Science, Economics, Physical Education, Fashion Studies etc.	Computer Science, Fashion Design, Psychology, Home Science, Biology etc.
Flexibility	Best -Any combination possible -Ability to choose levels	Best -Any combination possible -No compulsory Subjects  Least - Pre-specified combinations		Fair -Any combination possible
Number of Options	5 compulsory 1 each from 5 groups(~30 subjects), 1 either from arts or from other groups	55 subjects	1 compulsory 4 combinations Medical, Non-Medical, Commerce, Arts	3 compulsory 3 to 5 from ~25 subjects



■ The IB Curriculum is preferred over the CIE Curriculum at the senior secondary level in India

## Boards of School Education in India: Student Assessment

Level	IB	CIE	CBSE	CISCE
Primary	■ Internal – <b>PYP</b>	Internal - Primary Progression Tests(Optional) External - Primary Checkpoint(Optional)	■ Internal	■ Internal
Secondary	■ Internal – MYP ■ External – MYP	<ul> <li>Internal-</li> <li>1. Secondary 1 Progression Tests(Optional)</li> <li>External-</li> <li>1. Checkpoint(Optional)</li> <li>2. IGCSE – Class 10</li> <li>3. O Level – Class 10</li> </ul>	<ul> <li>Internal – CCE*</li> <li>External- AISSE(All India Secondary School Examination – Class 10- Optional)</li> </ul>	<ul> <li>Internal</li> <li>External- ICSE</li> <li>(Indian Certificate for Secondary Education -Class 10)</li> </ul>
Senior Secondary	■ Internal – <b>DP</b> ■ External – <b>DP</b>	<ul><li>External-</li><li>1. International AS and A Level</li><li>2. Cambridge Pre-U</li></ul>	<ul> <li>Internal</li> <li>External- AISSCE(All India Senior School Certificate Examination - Class 12</li> </ul>	<ul> <li>Internal</li> <li>External-</li> <li>ISC (Indian School Certificate- Class 12)</li> <li>CVE (Certificate of Vocational Education(Class 12)</li> </ul>



## **Boards of School Education in India:** Teacher Qualifications

Level	IB	CIE	CBSE	CISCE
Primary	<ul> <li>No formal qualifications, mandatory professional development workshops, IB Educator Certificates</li> </ul>	■ No formal qualifications	<ul> <li>Higher Secondary with JBT (2 years), or Intermediate with JBT(1 year)</li> <li>B.Ed in Elementary Education</li> </ul>	<ul> <li>B.Ed</li> <li>Training in primary school teaching from recognized institute</li> </ul>
Secondary	<ul> <li>No formal qualifications, mandatory professional development workshops, IB Educator Certificates</li> </ul>	■ No formal qualifications	■ Postgraduate degree in the relevant subject or Bachelor's degree in the relevant subject + B.Ed	<ul> <li>Class 6-8- Graduates from recognized teacher training institutes</li> <li>Class 9-10- Trained graduates</li> </ul>
Senior Secondary  Key Takeaway	<ul> <li>No formal qualifications, mandatory professional development workshops, IB Educator Certificates</li> </ul>	■ No formal qualifications	<ul> <li>Master's Degree in relevant subject +</li> <li>B.Ed/D.Ed/PGDE/ 3 years of teaching experience at senior secondary level</li> </ul>	<ul> <li>Postgraduate Academic Qualification from a recognized university</li> <li>Recognized teacher education qualification</li> </ul>

## Key Takeaway

■ The Indian Boards have minimum qualification requirements for faculty at different levels while the international Boards do not have any formal qualification requirements.



## **Boards of School Education in India:** *Teacher Training*

Training	IB	CIE	CBSE	CISCE
	<ul> <li>Face-to-face and online workshops</li> <li>Webinars</li> <li>Blended learning and elearning resources</li> <li>Workshops</li> <li>Regional conferences</li> </ul>	<ul> <li>Online and face-to-face training courses</li> <li>Training for exams officers</li> <li>Conferences</li> <li>Professional Development Qualifications(PDQs)</li> </ul>	<ul><li>Capacity building</li><li>Training programs</li><li>Summits</li><li>Conferences</li></ul>	■ Training

## **Key Takeaways**

- IB and CIE lay much more emphasis on the training and development of the teachers as compared to their Indian counterparts
- IB has mandatory Professional Development workshops as a part of the IB World School authorization process
- Fee for the IB workshops contribute ~30% to the IB World School authorization process
- Professional Development is not mandatory for authorization process of CIE schools as compared to IB schools



# Boards of School Education in India: Academic Hours of Teaching

Level	IB	CIE	CBSE	CISCE
Primary	Not Specified	Not specified	45 per week	900 per year
Secondary	<ul> <li>50 per year per subject</li> <li>70 per year per subject for final two years of the program</li> </ul>	IGCSE – 130 per year subject	45 per week	■ Class 6-8 - 1000 per year ■ Class 9-10-1100 per year
Senior Secondary	■ 240 per year – HL Courses ■ 150 per year – SL Courses	<ul> <li>A-Level- 360 per year per subject</li> <li>Pre-U- 380 per year per subject</li> </ul>	45 per week	1200 per academic year



<sup>\*</sup>HL – Higher Level

<sup>\*</sup>SL – Standard Level

# Boards of School Education in India: Affiliation Procedures (1/2)

Board					
IB	Consideration Phase(~6 months)	Request for Candidacy	Decision on Candidacy	Candidate Phase (~2-3 years)	Decision
CIE	Choose Centre Type	Inspection (1 <sup>st</sup> Round)	Application	Inspection (2 <sup>nd</sup> Round)	Decision
CBSE	Documentary Evidence	Inspection		Fulfilment of Conditions Inspection	Permanent Affiliation
CISCE	Documentary Evidence	Inspection		Fulfilment of Conditions Inspection	Permanent Affiliation

## **Key Takeaway**

■ The affiliation procedure for IB and CIE is more rigorous as compared to that of the CBSE and CISCE



# Boards of School Education in India: Affiliation Procedures (2/2)

Particular	IB	CIE	CBSE	CISCE
Number of Steps	4	4	6	6
Time taken	2-3 years	3-4 months	~2 months from the submission of application	
Affiliation Fee (in Rs.)	>3,00,000 Candidacy Fee + Annual Fee+ Evaluation Visit Fee	Application fee, Training and exam entry fee, Annual fee for programs offered Not available on website	Secondary Class(Class X) General Affiliation – 1,50,00	Annual Fee Not Available on Official website

## **Key Takeaway**

• The affiliation procedure for the IB is more rigorous as compared to that of the CIE



# **Boards of School Education in India:** Key Takeaways

Parameter	Key Takeaways
Overall Fees	IB schools have a higher fee than the CIE schools because of higher affiliation fee for the school, professional development fee, recurring fee, etc.
Recognition	<ul> <li>CBSE and CISCE are recognized by colleges and universities all over India</li> <li>IB and CIE are recognized by all colleges abroad, but not all colleges in India recognize them</li> </ul>
Curriculum - Primary Subjects	The IB Curriculum is preferred over the CIE Curriculum at the primary level in India
Curriculum – Secondary Subjects	The CIE Curriculum is preferred over the IB Curriculum at the secondary level in India
Curriculum – Senior Secondary Subjects	The IB Curriculum is preferred over the CIE Curriculum at the senior secondary level in India
Teacher Qualifications	The Indian Boards have minimum qualification requirements for faculty at different levels while the international Boards do not have any formal qualification requirements
Teacher Training	<ul> <li>IB and CIE lay much more emphasis on the training and development of the teachers as compared to their Indian counterparts</li> <li>IB has mandatory Professional Development workshops as a part of the IB World School authorization process</li> <li>Professional Development is not mandatory for authorization process of CIE schools as compared to IB schools</li> </ul>
Affiliation Procedures	The affiliation procedure for IB is more rigorous as compared to that of the other Boards



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Monograph: July 2015

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## **Thank You**

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