

Curriculum Management and Planning for Computer and Information Technology (S4-5) with Different Elective Modules in Schools

(CDI020071578)

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30 Jan 2008

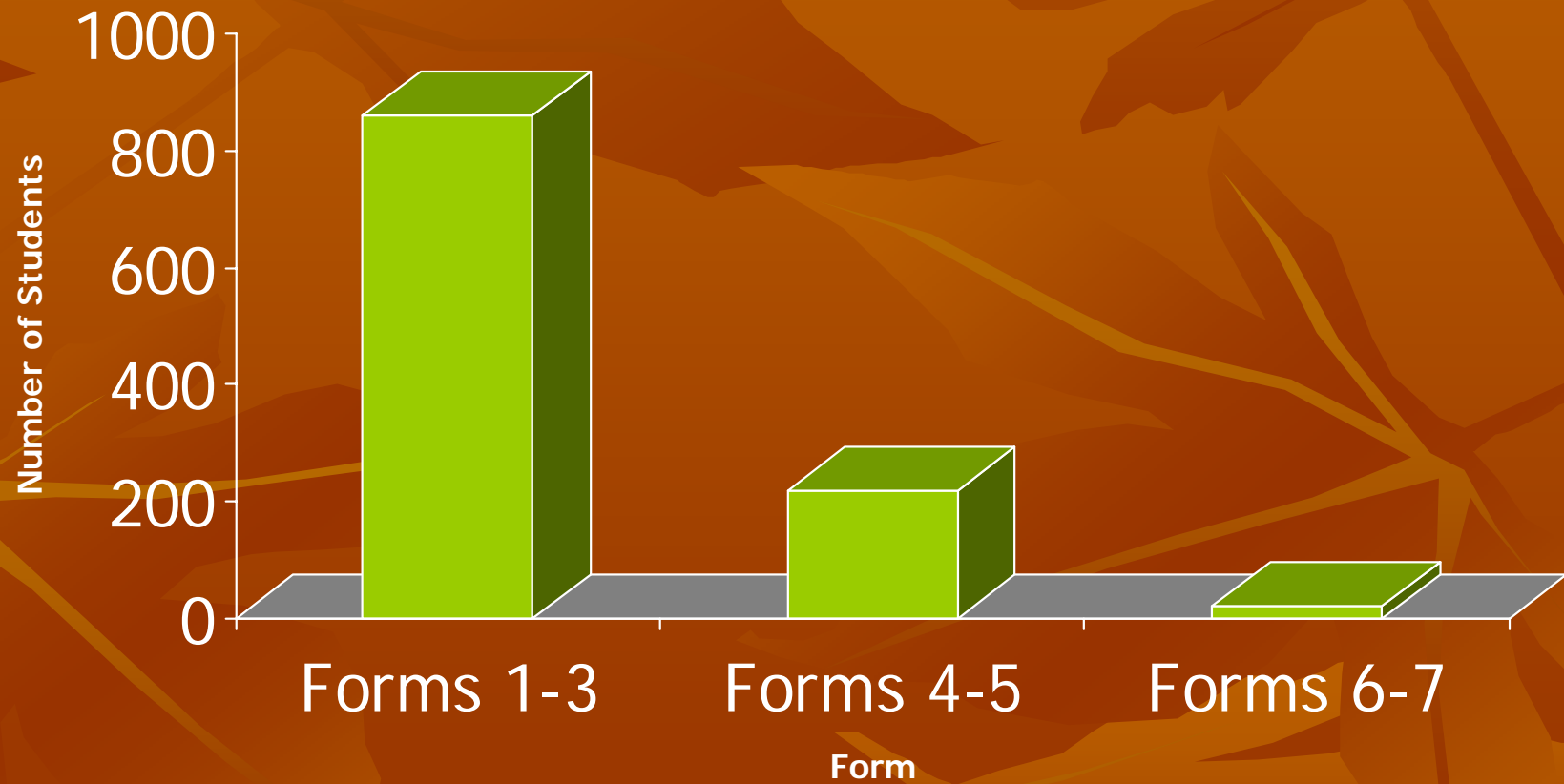


Curriculum Management and Planning

Profile

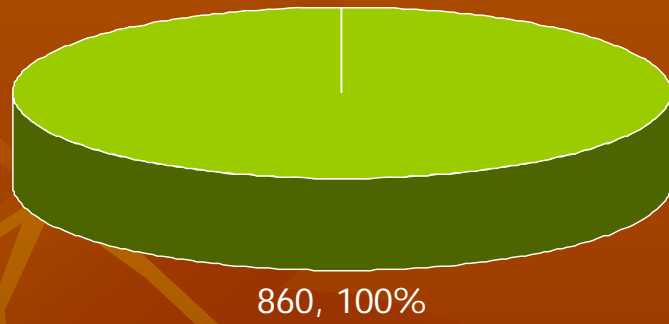
- 43 classes, 1700 students, EMI
- Programmes provided:
 - F.1-F.3 Computer Literacy (all classes, 860/860)
 - F.4-F.5 CIT (220/563)
 - F.6-F.7 ASCA / ALCS (21 / 233)

Students Studying Computer Literacy/CIT/ASCA/ALCS

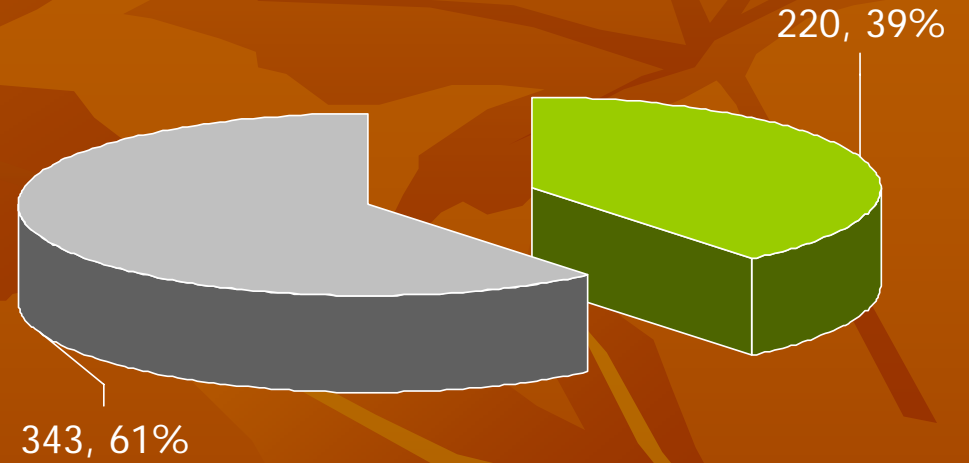


Percentages

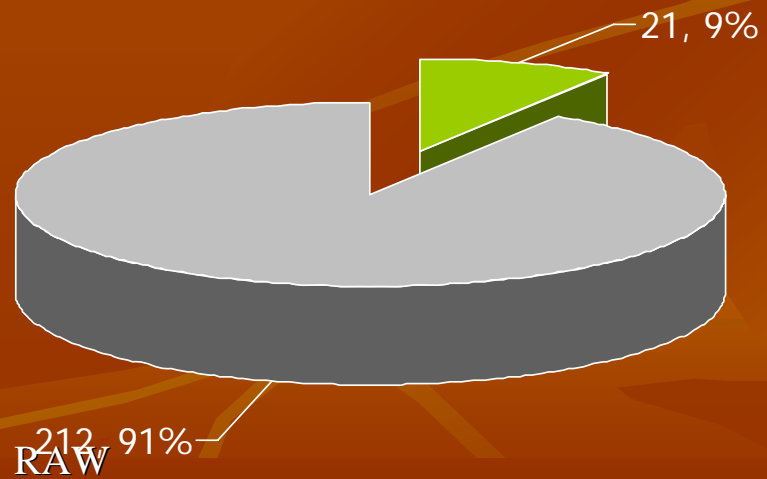
Forms 1-3



Forms 4-5



Forms 6-7



Constraints

- Number of Teachers
- Number of Students
- Classrooms and Computer Rooms
- Timetables
- Examinations

Profile

- 5 teachers for F4 or above
- Computer Rooms
 - 2 small computer rooms (23 seats)
 - 1 large computer room (44 seats)
 - 1 CAL room (44 seats)

Profile

- CIT: 4 lessons / cycle
 - CIT splits with CIT
- ASCA: 5 lessons / cycle
 - Split with C.Hist/B.S./Chem
- ALCS: 10 lessons / cycle
 - Split with Chem

Elective Modules

- HKCEE2005: Module C and D
 - (Module A for self-study students only)
- HKCEE2006: Module A, C and D
- HKCEE2007: Module A and D

Elective Modules

HKCEE	Module			
2005	A	B	C	D
2006	A	B	C	D
2007	A	B	C	D

Rationale

- Benefits of students
- Ability of students
- Experience from CS and IT

Selection

- Only science students can choose networking/programming
 - Poor results of Arts students in CS
 - Networking more related to engineering
- According to their interests
 - Students with other requests have to prove their abilities
- If over 22 students, rank according to mid-year exam

Curricula

- F.3:
 - Visual Basic (Module A)
 - Dreamweaver (Module D)
 - Access
- F.4
 - Taster of Modules A and D in first term
 - Elective modules in second term

Resources

- Teachers informed few months before
- Resources shared on server/intranet
- Exams/tests arrangement
 - Complicated as there are too many electives
 - Exam paper on Core module will be shared
- Moderation between modules
 - Usually moderate between groups of the same class only
 - Give feedback to the teacher rather than adjust marks for students

Resources

- Change in group, change in teachers-in-charge
 - Requests of change in module usually not entertained
 - Pedagogy, pace and content should be aligned among teachers
- Good working relationship and mutual support

Difficulties

- Diversified
- Candidates in different electives in public exam
 - More candidates => More supports
- Resources on the market

NSS

- Another survey in F.3 (08-09)
- Tentative electives:
 - System Development
 - Multimedia Production and Web Site Development
 - Databases (later stage)

Information Communication

Technology
Techniques
Tactics