Bridging ICT to Professional Certification

By AiTLE & HKACE

Content

- *Background*
- *Objective & Analysis*
- *Design & Implementation*
- *Testing & Evaluation*
- *Conclusion & Discussion*

- *Application procedure*

Background

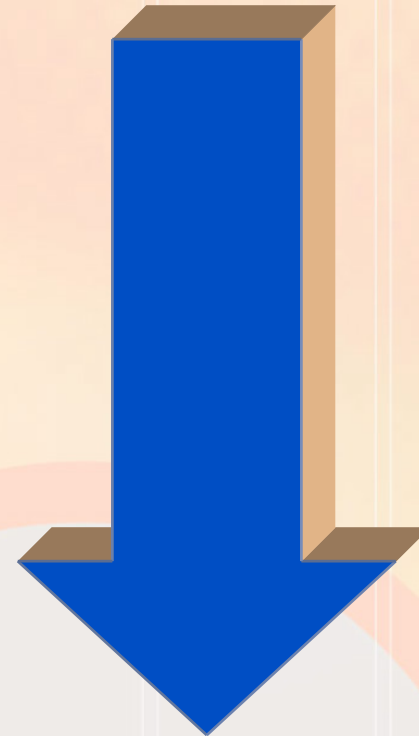# Background

- ## *CIT Candidature (2005 – 2010)*
  - *~ 18000*

- ## *ICT Candidature*
  - *2012 : 82xx*
  - *2013 : 80xx*

- ## *Student nature*
  - *Smart → less smart ?!!?!!?*

Background (Cont'd)

- *As computer teachers*
- *As Professional Organizations*
➔ *Find ways out*

➔➔ *Drafting a through-trained Computer Teaching Schedule for Pri & Junior Sec*

➔➔ *Bridging ICT to Professional Certification*

Objective
&
Analysis

Objective & Analysis

- *Attract more students to study ICT*
- *Making ICT a more valuable subject*

Objective & Analysis (Cont'd)

- *There are many valuable and essential IT Professional Certification*

- *ICT curriculum already covered some / most of the Prof. Cert. content*

ICT

ICT

ICT

Design
&
Implementation

Design & Implementation

- *If someone can train / teach students the difference*

ICT

ICT

ICT

Design & Implementation (Cont'd)

- *If someone can train / teach students the difference*

Design & Implementation (Cont'd)

- *AiTLE & HKACE have liaised with different vendors*
  - *To provide free training to teachers*
  - *Teachers then provide free training to students*
  - *Bright students can have chance to get free certification vouchers*
  - *To attend certification exam*

Design & Implementation (Cont'd)

- *Our expectation*
  - *@ vendor provides at least 1 certification*
  - *@ certification provides at least 20 free training seats for teacher*
    - *At coming Xmas, CNY, Easter Holidays*
  - *@ teacher trains at least 10 S6 students*
    - *From May - July 2014 (after DSE)*

Design & Implementation (Cont'd)

- *Liaised vendor*
  - *Adobe*
  - *Cisco*
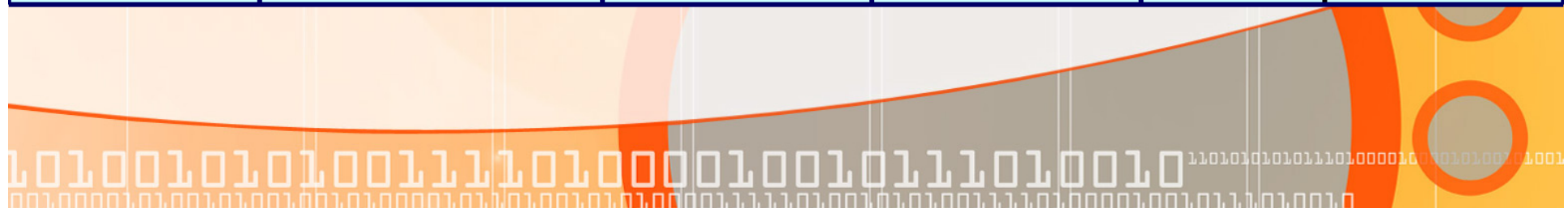 - *Microsoft*
  - *Oracle*

Design & Implementation (Cont'd)

- *Liaised vendor*
  - *Adobe (2 Cert.)*
  - *Cisco (2 Cert.)*
  - *Microsoft (1 Cert.)*
  - *Oracle (1 Cert.)*

Design & Implementation (Cont'd)

- **Training Summary**

Vendor	Certification	Training Dates	Duration	Seats	Cert. Voucher
Cisco	**ITE**	**21,23,30,31 Dec, 2013**	**4 days**	**30 ~ 40**	**Online ➔ N.A.**
	CCNA Routing & Switching	**22 – 26 April, 2014**	**5 days**	**30 ~ 40**	**Online ➔ N.A.**
Microsoft	**MOS** Word & Excel	**27 Dec, 2013**	**1 days**	**30 ~ 40**	**30**
Oracle	**Database Design & Programming in SQL**	**18, 19, 21 April, 2014**	**3 days + Self study hr before**	**30 ~ 40**	**Online ➔ N.A.**

Design & Implementation (Cont'd)

- *Remark*
  - *Adobe*
    - *Finally cannot provide training because of their version transition*
  - *But we are finding alternative now, hope can have good news*

Testing
&
Evaluation

Testing & Evaluation

- ***AiTLE & HKACE** help to source out Community Resources to help ICT*
  - *Have obligation to monitor*
  - *With good data, re-run & re-run*

Testing & Evaluation (Cont'd)

- *Are the training to teachers running well ?*
- *Are participants attended and participated ?*
- *Are students finally got the training ?*
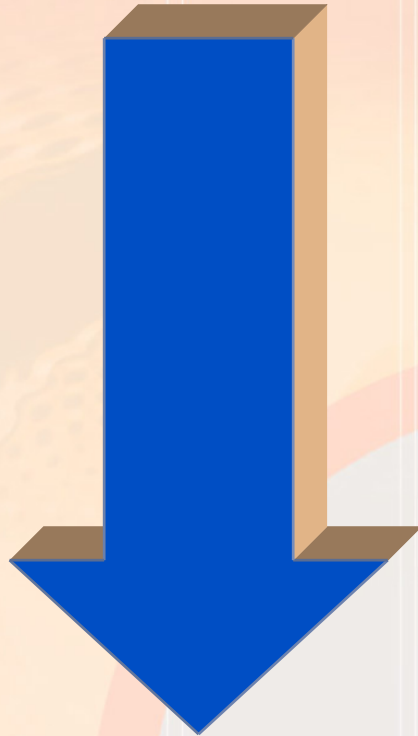- *Are students finally got the certification standards ?*

Conclusion
&
Discussion

Conclusion & Discussion

- *Hope through this project*
  - *Benefit existing ICT students*
  - *more students (qual. & quan.) to study ICT*

Conclusion & Discussion

- ***Hope through this project***
  - ***Benefit existing ICT students***
  - ***more students (qual. & quan.) to study ICT***

Application procedure

Application Procedure

- ***To Apply***
  - ***Fill in the Form online***

Application Procedure (Cont'd)

[申請老師資料]

申請老師姓名（英文）*

申請老師姓名（中文）*

申請老師聯絡電話 *

申請老師聯絡電郵 *

申請老師任教 HKDSE ICT 之年級 *

☐ S6 ICT

☐ S5 ICT

☐ S4 ICT

Application Procedure (Cont'd)

申請接受培訓之課程優次選擇 *

	優次 1	優次 2	優次 3	優次 4	不適用（不申請）
Cisco ITE (21, 23, 30, 31 / 12 / 2013 上下午，共 4 天)	○	○	○	○	○
Cisco CCNA Routing & Switching (22 - 26 / 04 / 2014 上下午，共 5 天)	○	○	○	○	○
Microsoft MOS <Word & Excel> (27 / 12 / 2013 上下午，共 1 天)	○	○	○	○	○
Oracle Database Design & Programming with SQL (18, 19, 21 / 04 / 2014 上下午，共 3 天)	○	○	○	○	○

Application Procedure (Cont'd)

[將來受培訓之學生統計資料]

2014 年 HKDSE 有多少中六學生修讀 ICT 科 *

計劃中會培訓之學生數目 *

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	>20
S6 ICT	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
S5 ICT	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
S4 ICT	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

Application Procedure (Cont'd)

- *Then will receive a email*
  - *With submitted data*
  - *& area for school chop + Principal Signature*
    - *Agree to receive and attend the training(s)*
    - *Agree to train up students after*
  - *Fax back to us*

- *Will notify School about*
  - *Attendance*
  - *Training Results (Teachers, students)*

Application Procedure (Cont'd)

- ## *Schedule*
  - ### *Application : From now to 2013-11-17*
  - ### *Selection : 2013-11-18 to 2013-11-30*
  - ### *Notification of result : About 2013-12-01*

- ## *Selection Consideration*
  - ### *Year level of ICT that you are teaching*
  - ### *Year level and amount of students involved*
  - ### *Training that you select*
  - ### *Number of applicants*

Registration

- *Registration is started, you can find the detail and registration link at*
  - *AiTLE website (www.aitle.org.hk)*
  - *HKACE website (www.hkace.org.hk)*

More details

Coming AiTLE Activities

- ## *2013-11-02*
  - ### *Assessment for Learning*
  - ### *Detail re Bridging ICT to Prof. Cert.*
  - ### *Free WiFi to School Project*
- ## *2013-11-16*
  - ### *3D Printer Workshop*
- ## *2013-11-30*
  - ### *Visit to M21 – Experience Prof Media Production*
    - #### *Target ~ teachers to bring students to enjoy*

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資訊科技教育領袖協會

www.aitle.org.hk

Coming AiTLE Activities (Cont'd)

- **2013-12-07**
  - **AiTLE AGM**
- **2014-01-18**
  - **Game-based Learning**
- **2014-02-15**
  - **Appreciation of SBA to ICT**
  - **Reduce workload for ICT teachers**
- **2014-03-08**
  - **ICT SBA Topic Setting workshop**

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Coming HKACE activities

- ***COMPUTER APP PROGRAMMING***
- ***(CAP) COMPETITION 2014***
  - ***Upcoming Information Session***

    Date: ***2 November 2013 (Saturday)***

    Time: ***11:00 am – 12:30 pm***

    Venue: ***PQ703, Department of Computing, PolyU***

- 「數碼21」資訊科技策略研討會

    日期：   2013年11月1日(星期五)

    時間：   下午4:30至6:00

    地點：   林大輝中學一樓演講廳 (新界沙田銀城街25號)