University of Colombo School of Computing

UCSC

Prof. Gihan Wikramanayake

Director

BIT (External)

- Job opportunities

- Launch in 2000

- 12 batches

- Admission to All interested

- No Interruptions
  - October – February (15 Weeks Semester)
  - April – August (15 Weeks Semester)

THE ROLE OF UCSC/UOC

- Develop the curriculum

- Hold examinations

- Determine results

- Award certificate/degree

- The UCSC is not responsible for teaching as the bit is an external degree

The provision of web based learning material with online facilitation is provided by the UCSC

TAKE THIS SERIOUSLY

- This is a degree programme

- 240 hrs of learning per semester is the minimum

- Do not depend on lectures alone- this is not the A/L!

- Student manuals, text books, discussions, practical are all important

Applying

- Students do not want to pay full cost at the beginning

  "Pay when you want"

- Online Apply to sit examinations

- Payment Online or Bank

- Today can pay at UCSC

- Strict Deadlines

- 30th Sept renew registration

- No Medical Certificates. Attempt when appear for examination

Teaching Institutes

No. of Institutes   33
No. of Districts   14
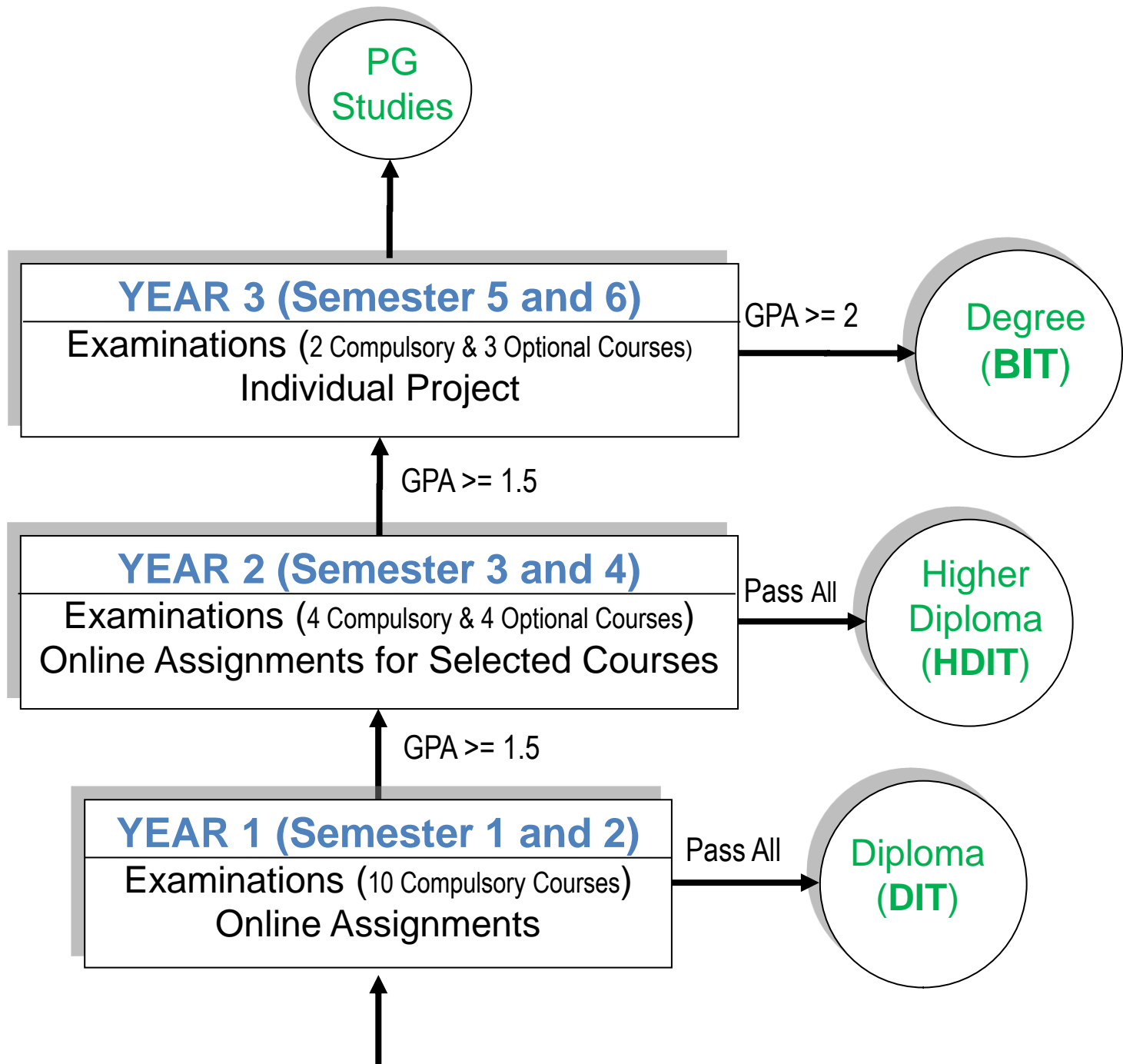Western Province   13

Success Overall

	Inst.	SS	Mixed
DIT	35%	22%	43%
HDIT	38%	20%	42%
BIT	44%	24%	32%

Marking

- Year 1
- MCQ
- Multiple Correct Answers
- Negative Marks (0-1)
- 40 to 60 Questions for 2 Hrs
- Machine Marked
- Answers Published
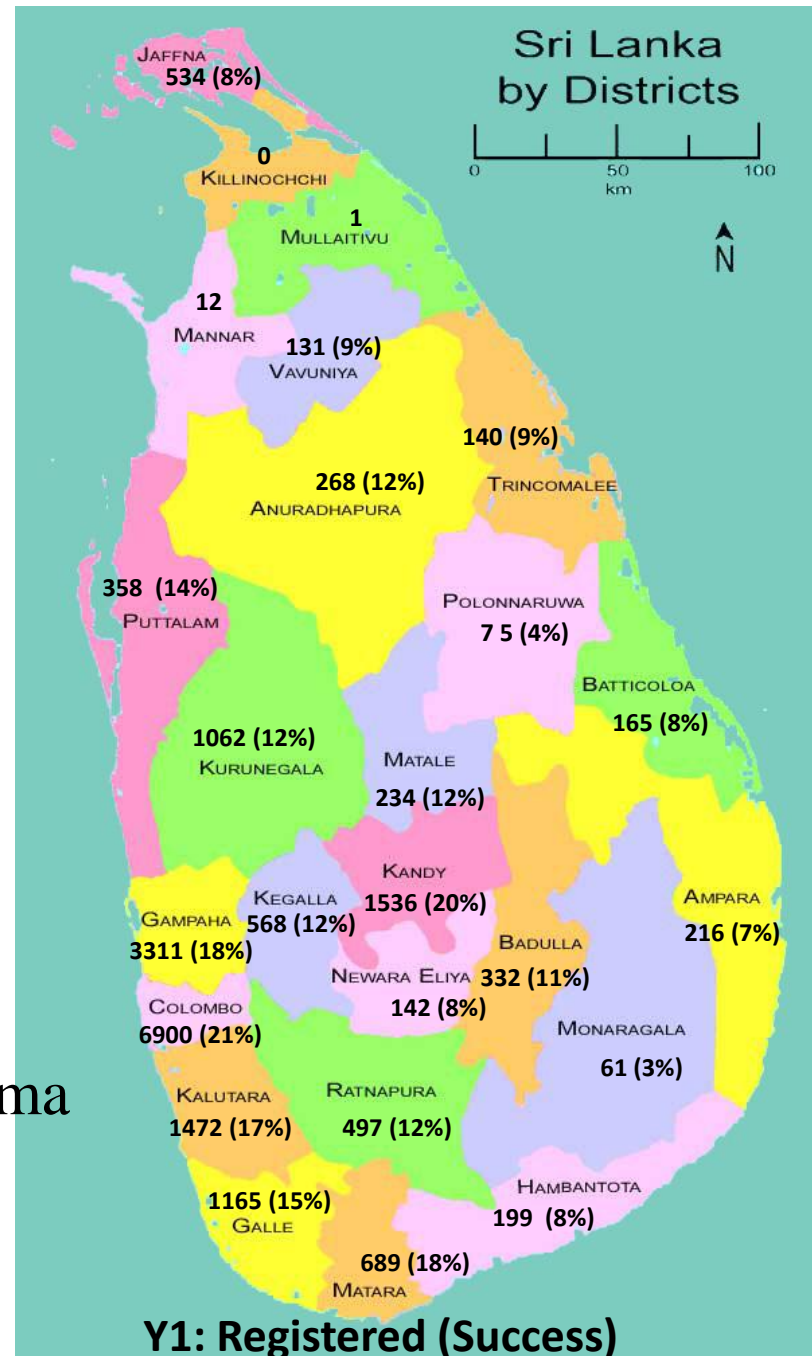- Self Mark
- No Re-correction

Enrolment and Awardees

	Year 1	Year 2	Year 3
Total Registrations	29,179	8,171	4,096
2012/13 New Intake	**2,031**	**974**	**476**
All Reg. In 2012	4,169		
Total Awardees	5,314	2,530	1,199
2012 Awardees	**654**	**262**	**172**
2010 Intake	2514		
Sat All	999	(40%)	
DIT	200	(20%)	

PG Studies

YEAR 3 (Semester 5 and 6)

Examinations (2 Compulsory & 3 Optional Courses)
Individual Project

GPA >= 2 → **Degree (BIT)**

GPA >= 1.5

YEAR 2 (Semester 3 and 4)

Examinations (4 Compulsory & 4 Optional Courses)
Online Assignments for Selected Courses

Pass All → **Higher Diploma (HDIT)**

GPA >= 1.5

YEAR 1 (Semester 1 and 2)

Examinations (10 Compulsory Courses)
Online Assignments

Pass All → **Diploma (DIT)**
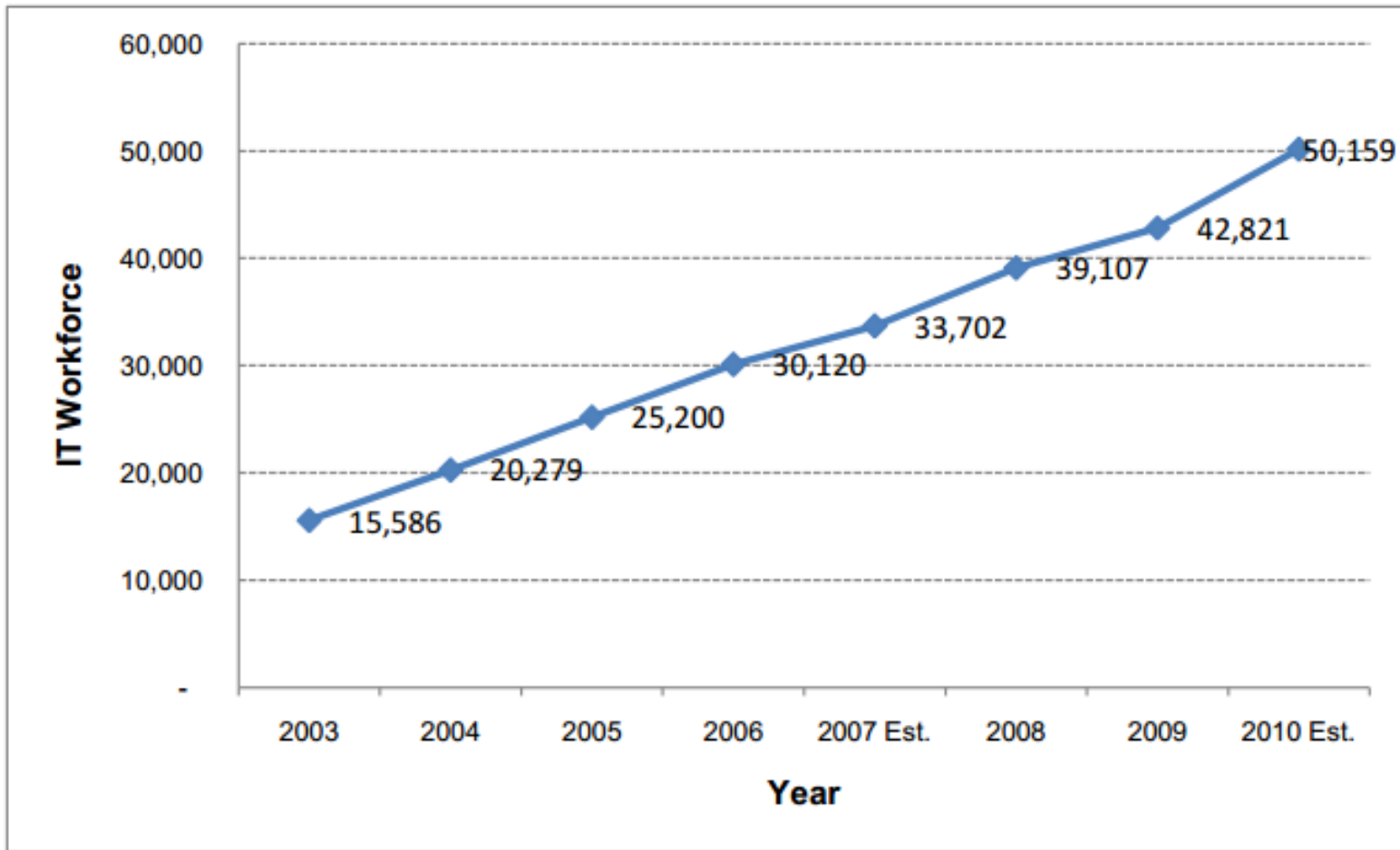
- Participation (29,179)

- Success Overall

  DIT 20% (5314)

  HDIT 35% (2530)

  BIT 33% (1199)

- Jobs 7500 Graduates; 10000 Diploma

- Avg. starting Salary 65k (120k)

Sri Lanka by Districts

- JAFFNA 534 (8%)
- KILLINOCHCHI 0
- MULLAITIVU 1
- MANNAR 12
- VAVUNIYA 131 (9%)
- TRINCOMALEE 140 (9%)
- ANURADHAPURA 268 (12%)
- POLONNARUWA 7 5 (4%)
- PUTTALAM 358 (14%)
- BATTICOLOA 165 (8%)
- KURUNEGALA 1062 (12%)
- MATALE 234 (12%)
- KANDY 1536 (20%)
- KEGALLA 568 (12%)
- AMPARA 216 (7%)
- GAMPAHA 3311 (18%)
- BADULLA 332 (11%)
- NEWARA ELIYA 142 (8%)
- COLOMBO 6900 (21%)
- MONARAGALA 61 (3%)
- KALUTARA 1472 (17%)
- RATNAPURA 497 (12%)
- GALLE 1165 (15%)
- HAMBANTOTA 199 (8%)
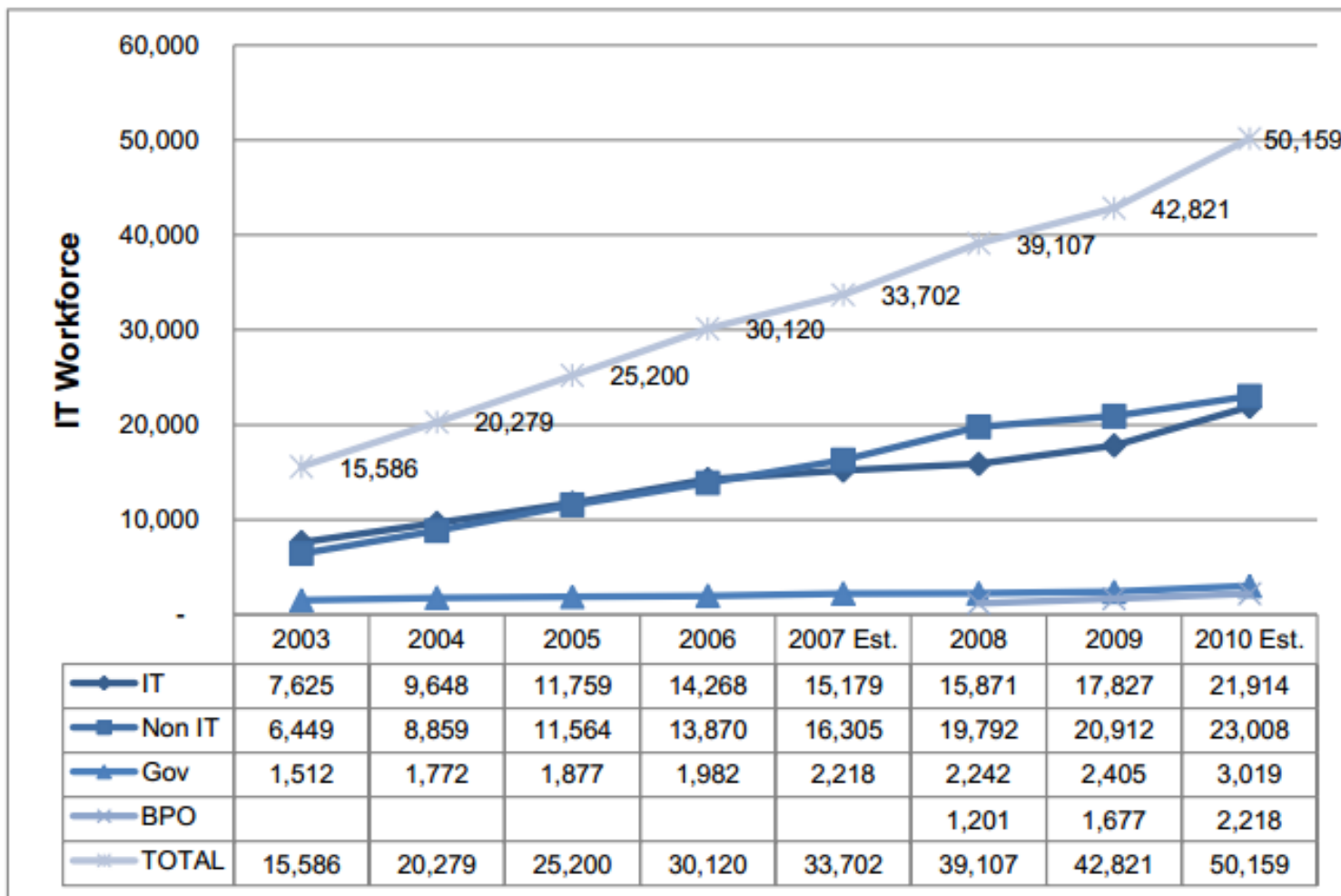- MATARA 689 (18%)

Y1: Registered (Success)

IT Jobs Sectors

- IT Companies
- Non IT Sector

  Agriculture including Fisheries (AGR); Apparel (APP); Freight Forwarding Services (FRE); Financial Services, Insurance and Banking; Construction and Architecture; Hotels and Tour Operators; Wholesale and Retail Trade; Manufacturing

- Government Sector

  Ministries; Departments; Statutory Bodies

- IT Training Organizations
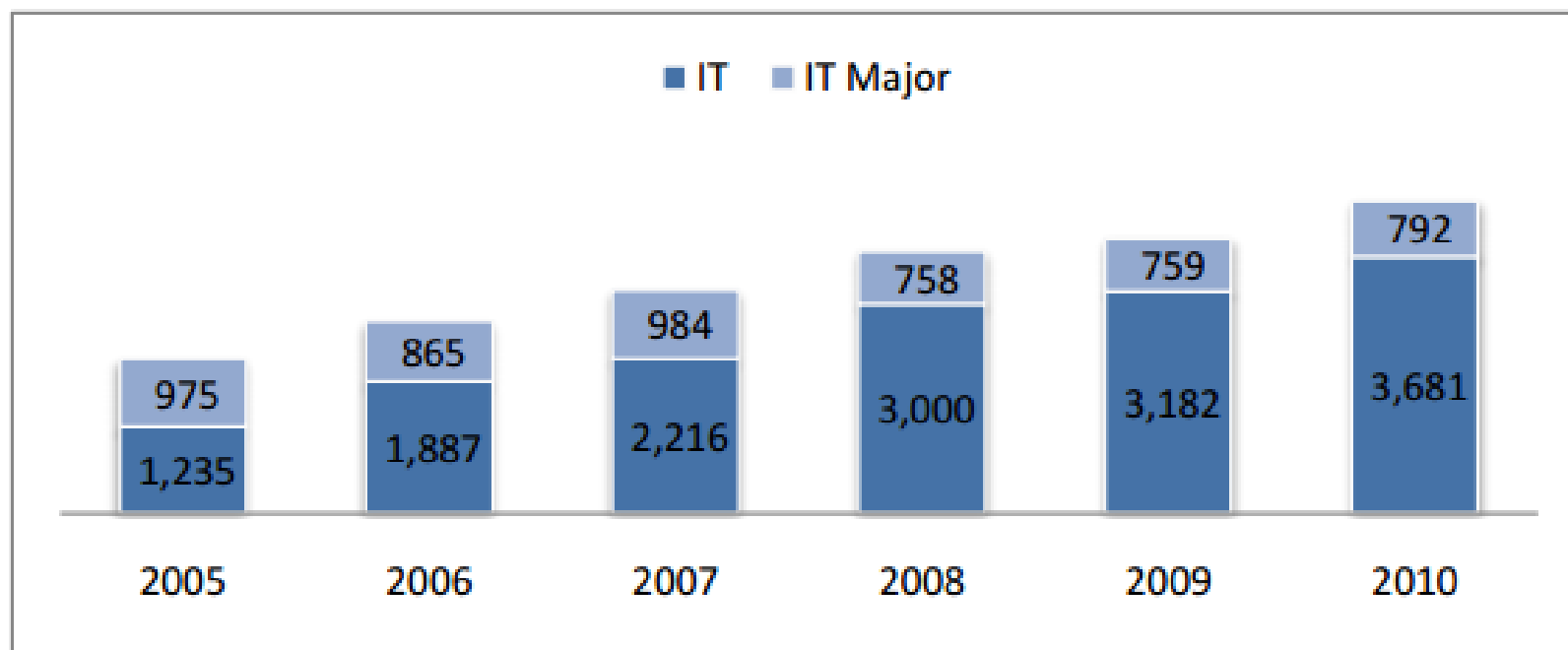- IT BPO / IT Enable Service (ITES) Companies
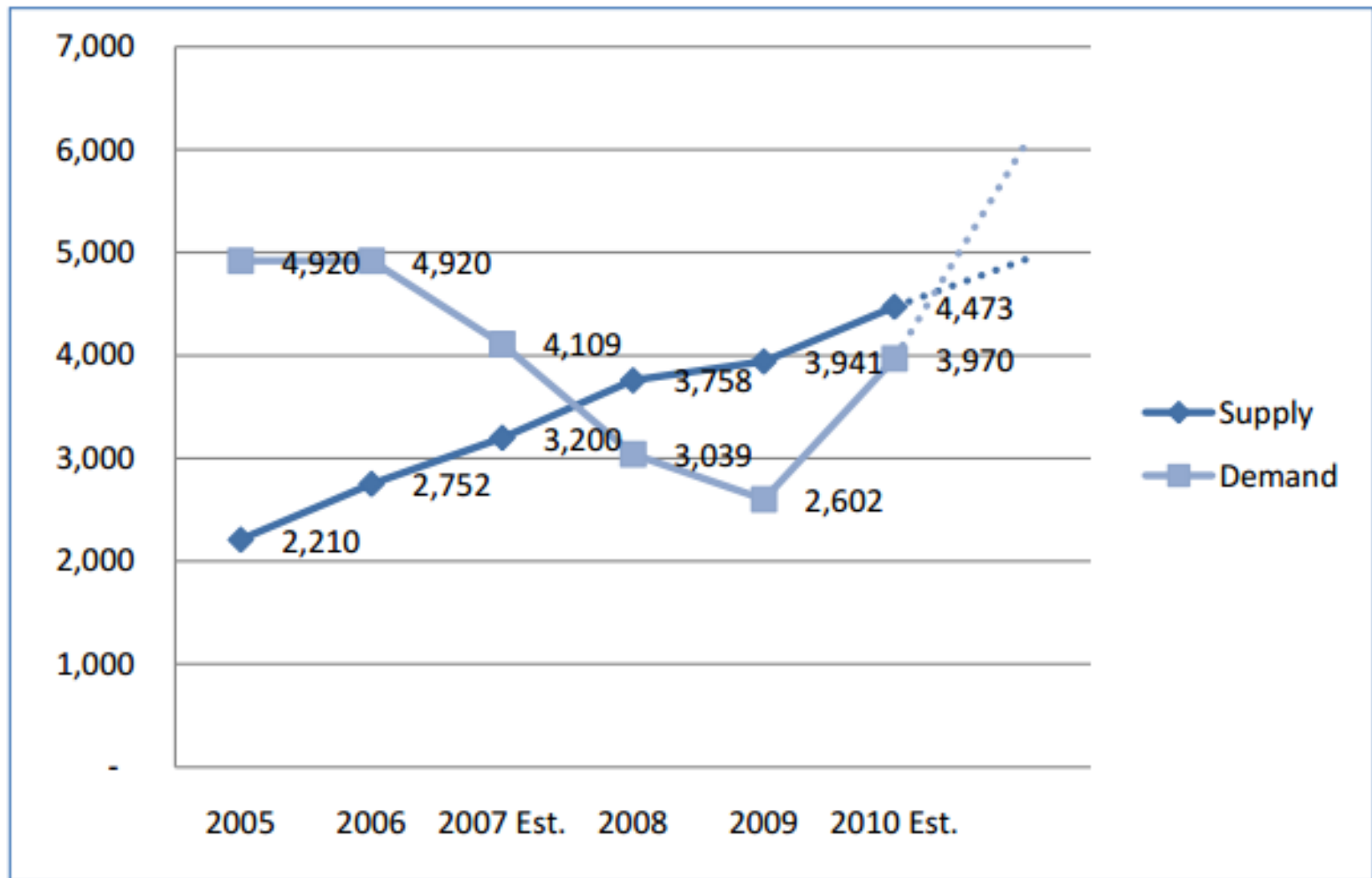
IT Workforce Growth
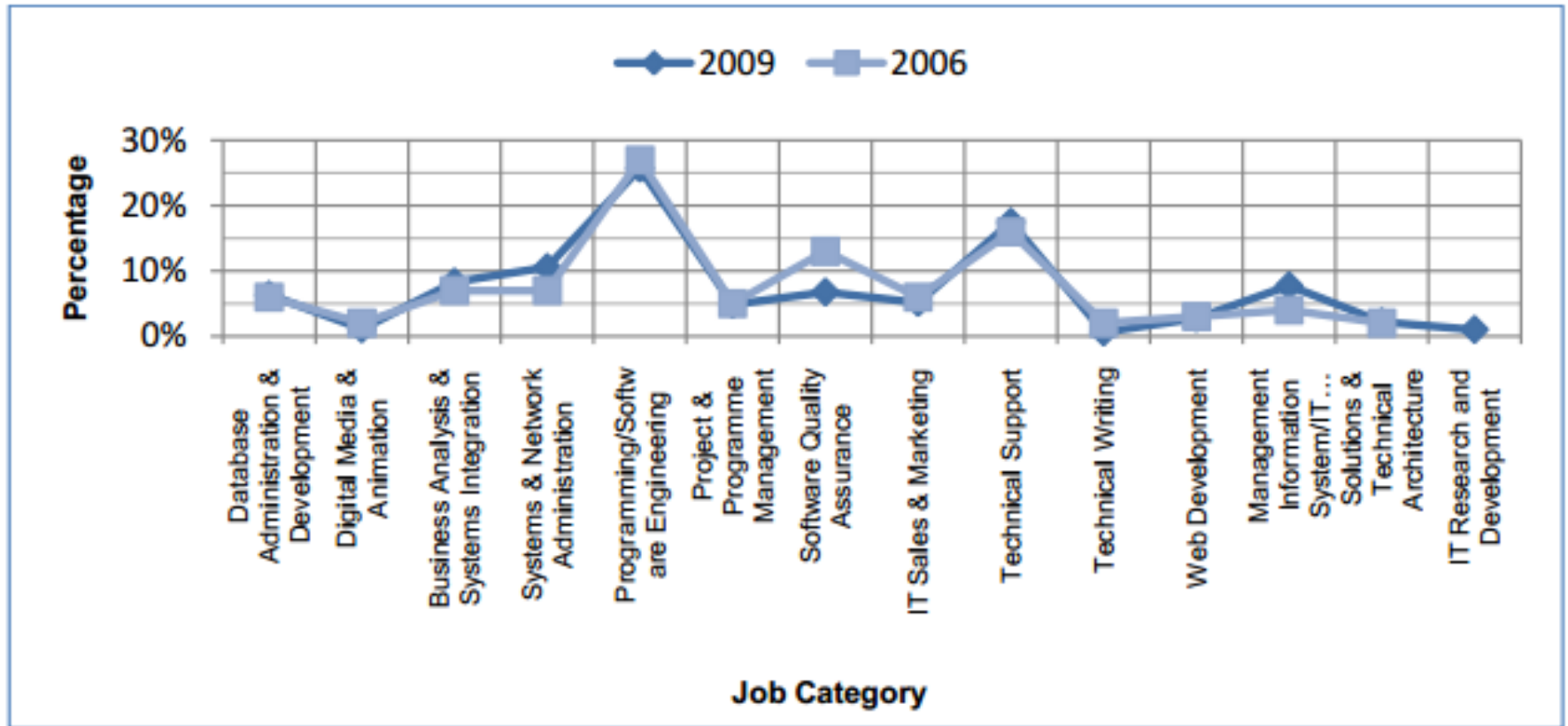
IT Workforce Growth by Sector

	2003	2004	2005	2006	2007 Est.	2008	2009	2010 Est.
IT	7,625	9,648	11,759	14,268	15,179	15,871	17,827	21,914
Non IT	6,449	8,859	11,564	13,870	16,305	19,792	20,912	23,008
Gov	1,512	1,772	1,877	1,982	2,218	2,242	2,405	3,019
BPO						1,201	1,677	2,218
TOTAL	15,586	20,279	25,200	30,120	33,702	39,107	42,821	50,159

Supply of IT Graduates

Supply and Demand of IT Graduates

IT Workforce Growth by Job Category

Skills in Demand for IT

IT	BPO	Non-IT	Government
Team Working	Proficiency in English Language	Team Working	Database Design & Administration
Programming	Network Design	Hardware Engineering	Team Working
Communication & Presentation Skills	Hardware Engineering	Creative Thinking Skills	Programming
Sales & Marketing	Communication & Presentation Skills	Interpersonal Skills	Network Implementation
Interpersonal Skills	Java	Communication & Presentation Skills	Hardware Engineering

Weak in Spoken English, Written English, Communication Skills, Positive Attitudes