

UTM The Last Day as VC
Johor Bahru Campus
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The Last Lecture

2008-2013

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Presentation outlines

6



ABCDEF
innovation
principles



10 LESSONS



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

1983-2013

1983-2013 @ UTM

2010

Turus III

Pegawai Tadbir & Diplomantik

1983

UTM Student
B.Chemical Engineering

1984

Heart Surgery
Kuala Lumpur Hospital

1990-91

Newcastle University Student
M.Sc. Environmental Engineering

1988

Assistant Lecturer A
Faculty of Civil Engineering

1992

Married Zainah Moktar

2004-6

Vice-President
International Water Association

1993-96

Newcastle Univ Student
PhD

1997-98

Special Officer
Minister of Education

1999-2006

Deputy & Director
Inst of Water & Env Mgmt

2006-7

Dean
Chem & Nat. Resources Eng

2007-2008

Deputy VC

2009

Merdeka Award

2008-13

VC

10 lessons @UTM

- **The easiest hurdle:** to become a professor
- **Healthy** living, productive life
- **Global** recognition, alliances
- Don't preach, **just do it**
- **Aim:** high, bold and doable
- **Malays:** transform easier by empowerment, than instruction or subsidy
- **Academic output:** Print, not oral culture
- **Performance:** Essence (DNA), not numbers or paper credentials
- No involvement, no **commitment**

6



ABCDEF innovation principles



Area of concerns



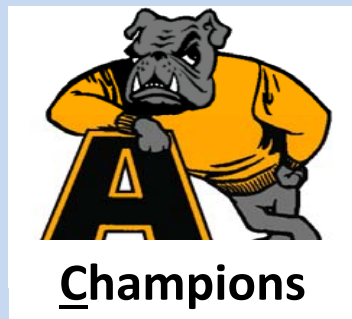
Do it! Do it!



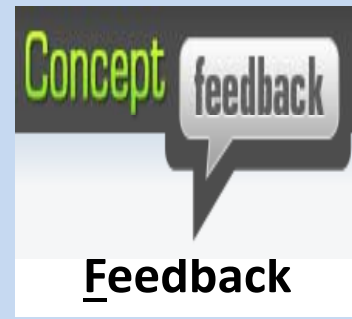
Benefits



Empowerment



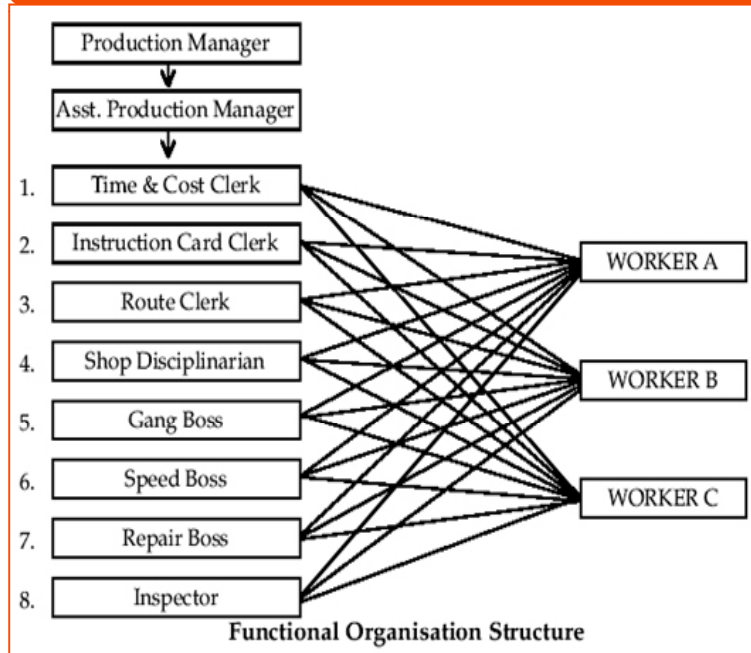
Champions



Feedback

Organizational Excellence

Structure



Strategy



Culture



From planning to institutional DNA

PLAN what?

IMPLEMENT how?

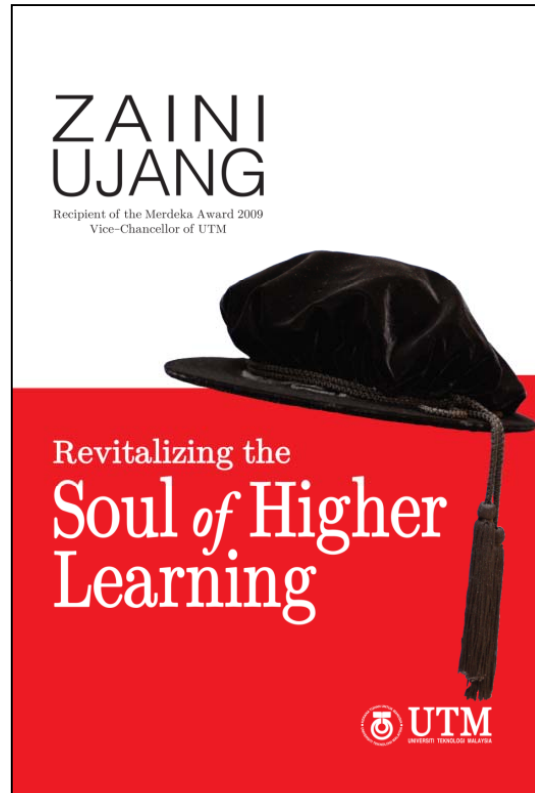
IMPROVE how?

HABIT individual

CULTURE people

DNA essence

Artifacts, thinking, systems, SOP, rituals, teamwork, life style, endowment, etc



Institutional DNA

Priority

- | | |
|---|-------------------------------|
| 1 | Clear Goals |
| 2 | Strategic-Minded |
| 3 | High Performance Work Culture |

Process

- | | |
|---|----------------|
| 4 | New Academia |
| 5 | Global Players |
| 6 | Distinct |

Resources

- | | |
|---|--|
| 7 | Lean, Efficient, and with Integrity |
| 8 | Consultative, and Inclusive |
| 9 | Healthy, Happy and Sustainable Lifestyle |

UTM 2030



Global Brand



Global Top 20



Financial Independence

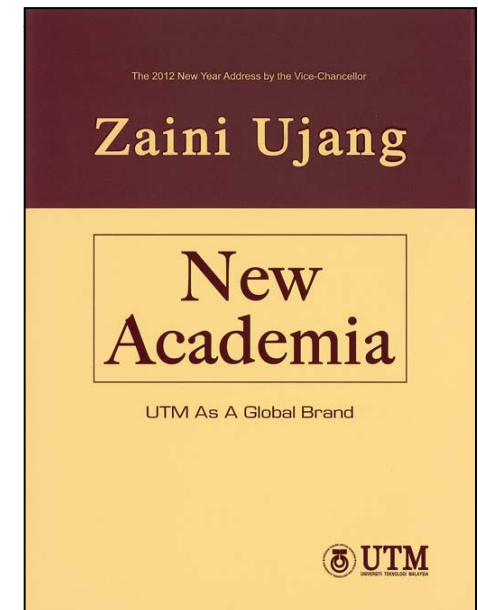
UTM revenues for operating budget

	2012	2030
Government grants	80%	30%
Endowment	<1%	10%
Internal funding	19%	60%

Task 2008-2013

Transforming UTM from undergraduate-local-centric to **graduate-and-global centric** (a global brand)

	Indicators	2008	2020
1	Staff with PhD	737	2100
2	ISI impact factors	153	7000
3	Postgraduate (%)	25%	70%
	Postgraduate no.	4,850	14,000
4	Mean Intake CGPA	3.11	4.00
5	Research grant (RM m)	124	400
6	Intellectual property	1075	10,000
7	Spin-off companies	1	1000
8	Internal revenues (RMm)	47.86	900



UTM key performance indicators

	Indicators	2008	2011	2012	2013	2015	2020
1	Staff with PhD	737	1018	1143	1500	1800	2100
2	SCOPUS journals	678	1078	2500	3500	6000	15,000
	ISI impact factors	153	802	2000	3000	4000	7000
	SCOPUS citation	1372	3791	5000	7000	10,000	50,000
3	Postgraduate (%)	25%	46%	53%	55%	60%	70%
	Postgraduate no.	4,850	10,888	12,883	13,000	13,500	14,000
	PhD students no.	1269	3439	4445	5000	6000	7000
	PhD Graduate on time	-	-	-	50%	60%	90%
	Post-doctoral fellows	<10	<20	<20	300	500	1000
4	Mean Intake CGPA (UG)	3.11	3.47	3.71	3.75	3.80	4.00
5	Research grant (RM m)	124	103	78	150	200	400
6	Intellectual property	1075	2185	2770	3300	6000	10,000
7	Spin-off companies	57*	14	18	200	400	1000
8	Staff research load	30%	50%	55%	60%	60%	70%
9	Endowment (RM m)	0	31.9	50	70	100	500

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My hope, doa

- Position UTM as the top university in Muslim ummah by 2015, top 50 in 2020 and top 20 in 2030
- **New Academia** as a niche academic framework
- **UTM Institutional DNA** as our identity
- Enhance **Endowment Culture**

- Reduce internal politicking and gossiping
- Less talk, more work; less “me”, more “ours”
- Team work, not personal glory

- I m still part of UTM!

Thank you for your friendship, support, guidance, cooperation, commitment, doa ...

