

# VUT - FACTBOOK

## Table of contents:

1. Institutional summary
2. Student profile
  - 2.1 Distribution of student headcounts across the faculties:
  - 2.2 VUT student profile per faculty
  - 2.3 Distribution of student headcounts at different sites of delivery:
  - 2.4 Student enrolments per qualification (2005-2007)
  - 2.5 Gender distribution of students across faculties
  - 2.6 Average age of students studying at VUT
  - 2.7 Racial composition
  - 2.8 Residential profile
  - 2.9 NSFAS
  - 2.10 Language
3. Academic performance indicators
  - 3.1 Success rate
  - 3.2 Graduates
    - 3.2.1 Graduate totals (2005-2007\*) and the distribution across the faculties
    - 3.2.2 Gender distribution of graduates
    - 3.2.3 Gender distribution of graduates per faculty
  - 3.3 Research output
4. Staff Profile
  - 4.1 Head count totals of permanently appointed staff by category
  - 4.2 Full-time equivalent staff by category
  - 4.3 Equity
  - 4.4 Gender profile of the institution
  - 4.5 Highest formal qualification of permanently appointed instruction/research staff
5. Funding
  - 5.1 Curriculum distribution of students
  - 5.2 Budget distribution
  - 5.3 Detail breakdown of enrolled and weighted fte's
6. Approved PQM

Amid the growth in number of electronic management information system and sophistication of management information in South Africa, there still appears to be a need for a quick reference to facts, figures and indicators for users from within and outside the Vaal University of Technology.

An \*(asterisk) serves to indicate that the data has not been audited. Cancellations and registrations after the census dates are in those cases not reflected.

The summary below is based on the audited data of the 2006 academic year unless specified otherwise

## 1. INSTITUTIONAL SUMMARY

INDICATOR	VALUE
Headcount	17 111
No of full time academic staff	312
Institutional size compared to national student population	2.5%
Graduation rate	14%
Number of accredited Diplomas programmes	48
Number of accredited BTech programmes	35
Number of approved MTech and DTech	23
Number of graduates	2416

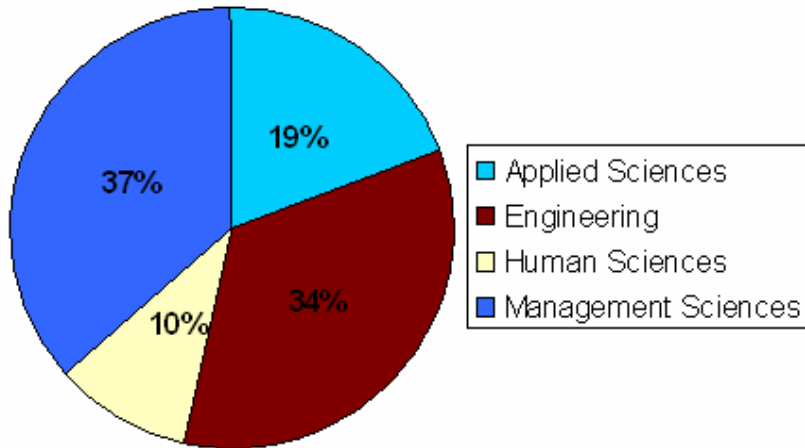
## 2 STUDENT PROFILE

### 2.1 DISTRIBUTION OF STUDENT HEADCOUNTS ACROSS THE FACULTIES:

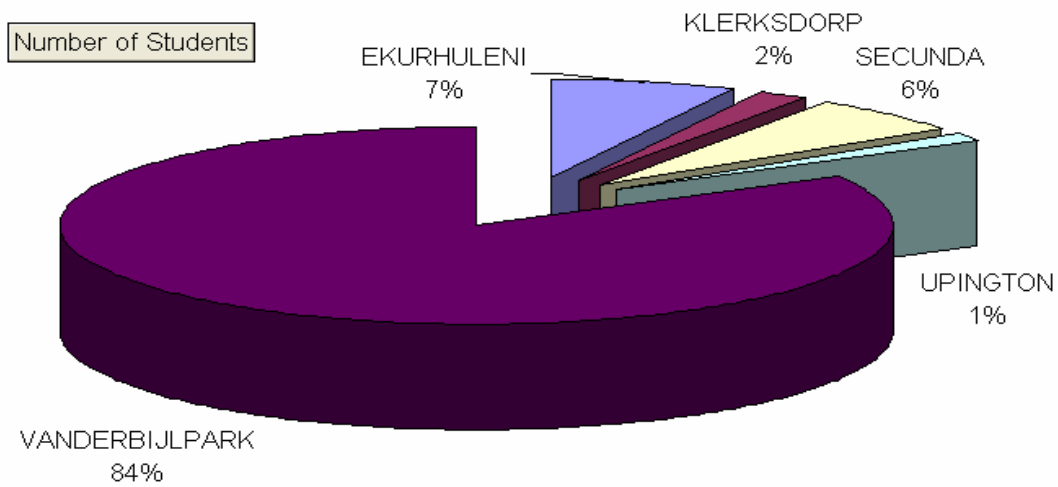
HEADCOUNT	YEAR		
FACULTY	2005	2006	2007
APPLIED & COMPUTER SCIENCES	2622	2327	3146
ENGINEERING	5093	5841	5475
FACULTY OF HUMAN SCIENCES	1955	1772	1638
MANAGEMENT SCIENCES	7763	7303	5899
<b>Grand Total</b>	<b>17433</b>	<b>17243</b>	<b>16158</b>

## 2.2 VUT STUDENT PROFILE PER FACULTY

Below is the percentage distribution of our student headcount amongst the four faculties.



## 2.3 DISTRIBUTION OF STUDENT HEADCOUNTS AT DIFFERENT SITES OF DELIVERY:



## 2.4 STUDENT ENROLMENTS PER QUALIFICATION (2005-2007)

### FACULTY OF APPLIED AND COMPUTER SCIENCES

DEPARTMENT	QUALIFICATION	YEAR:	2005	2006	2007
<b>BIOMEDICAL TECHNOLOGY</b>			<b>561</b>	<b>669</b>	<b>702</b>
	B. TECH: BIOMEDICAL TECHNOLOGY		20	12	17
	B. TECH: BIOTECHNOLOGY		31	31	37
	B. TECH: COMM. NURSING		5	5	16
	H. DIP: COMM. NURSING		18	19	9
	M TECH.: BIOTECHNOLOGY		3	3	12
	N DIP: AGRICULTURAL MANAGEMENT		30	29	24
	N DIP: BIOMEDICAL TECHNOLOGY		204	234	231
	N DIP: BIOTECHNOLOGY		250	336	356
<b>CHEMISTRY</b>			<b>465</b>	<b>628</b>	<b>668</b>
	B TECH: CHEMISTRY		36	56	90
	D TECH.: CHEMISTRY		1	3	4
	M TECH.: CHEMISTRY			10	5
	N DIP: ANAL. CHEM.		428	559	569
<b>COMPUTER SYSTEMS</b>			<b>768</b>	<b>12</b>	<b>16</b>
	B TECH: COMPUTER SYSTEMS		12	12	16
	COMPUTER SYSTEMS: N. DIP.		756		
<b>INF &amp; COMM TECH, OFF MAN TECH</b>			<b>763</b>	<b>907</b>	<b>1590</b>
	B TECH: INFORMATION TECHNOLOGY: BUSINESS		32	26	29
	D TECH ENG: INFORMATION SYSTEMS			5	5
	D TECH ENG: INFORMATION TECHNOLOGY		1		
	M TECH ENG: INFORMATION SYSTEMS		7		
	M TECH: INFORMATION TECHNOLOGY			12	8
	N DIP: INFO. TECH.		723	864	960
	N DIP: OFFICE MANAGEMENT AND TECHNOLOGY				588
<b>PHYSICS &amp; NON-DESTRUCT TESTING</b>			<b>65</b>	<b>111</b>	<b>170</b>
	N DIP: NON-DEST. TEST.		65	111	148
	N DIP: NON-DESTRUCTIVE TESTING				22

## FACULTY OF ENGINEERING AND TECHNOLOGY

DEPARTMENT	QUALIFICATION	YEAR:	2005	2006	2007
<b>CHEMICAL ENGINEERING</b>			<b>754</b>	<b>743</b>	<b>761</b>
	B TECH: ENG.: CHEMICAL		125	116	135
	D. TECH. CHEMICAL ENG.				1
	M TECH ENG: CHEMICAL ENGINEERING		5	8	4
	N DIP: CHEM. ENG.		624	619	621
<b>CIVIL ENGINEERING</b>			<b>669</b>	<b>688</b>	<b>625</b>
	B TECH: ENG.: CIVIL		56	76	95
	D. TECH.: CIVIL ENGINEERING				1
	M TECH ENG: CIVIL		1	3	1
	N DIP: BUILDING		173	129	85
	N DIP: ENG. CIV.		439	480	443
<b>ELECTRONIC ENGINEERING</b>					<b>36</b>
	N DIP: ELEC. ENG.				36
<b>INDUSTRIAL ENG. &amp; OPS. MANAG.</b>			<b>460</b>	<b>529</b>	<b>533</b>
	B TECH: ENG.: IND.		11	25	41
	B TECH: OPERATIONS MANAGEMENT		20	40	33
	B TECH: PRODUCTION MANAGEMENT		8		
	M TECH ENG: INDUSTRIAL		5	7	6
	N DIP: IND. ENG.		222	282	327
	N DIP: OPERATIONS MAN.		91	124	123
	N DIP: PROD. MAN.		103	51	3
<b>MECHANICAL ENGINEERING</b>			<b>795</b>	<b>742</b>	<b>691</b>
	B TECH: ENG.: MECH.		112	110	94
	D. TECH.: MECHANICAL ENG.		2	2	2
	M TECH ENG: MECHANICAL		4	5	3
	N DIP: ENG.: MECH.		677	625	592
<b>METALLURGICAL ENGINEERING</b>			<b>293</b>	<b>311</b>	<b>309</b>
	B TECH: ENG.: METAL.		16	13	22
	M. TECH.: METALLURGICAL ENG.		4	4	1
	N. DIP.: METAL. ENG.		273	294	286
<b>POWER ENGINEERING</b>			<b>2122</b>	<b>2118</b>	<b>1997</b>
	B TECH: ENG.: ELECTRICAL		233	227	257
	DOCTOR TECH.: ENG.: ELECTRICAL		16	8	3
	DOCTOR TECH.: METALLURGICAL		1	1	

DEPARTMENT	QUALIFICATION	YEAR:	2005	2006	2007
	ENGINEERING				
	MAGISTER TECH.: ENG. ELECTRICAL		35	27	16
	N DIP: ELEC. ENG.		1837	1841	1721
<b>PROCESS CONTROL &amp; COMP SYSTEMS</b>				<b>710</b>	<b>523</b>
	COMPUTER SYSTEMS: N. DIP.			710	523

## FACULTY OF HUMAN SCIENCES

DEPARTMENT	QUALIFICATION	YEAR:	2005	2006	2007
<b>CLOTHING</b>			<b>5</b>	<b>7</b>	<b>3</b>
	M TECH: FASHION		5	7	3
<b>COMMUNICATION &amp; LEGAL SERVICES</b>			<b>253</b>	<b>259</b>	<b>235</b>
	ADVANCED CERTIFICATE IN EDUCATION		30	31	26
	B TECH: EDUCATION: POST SCHOOL		7	1	1
	B TECH: PUBLIC RELATIONS MANAGEMENT		21	13	12
	M TECH: PUBLIC RELATIONS		1	4	5
	MASTERS IN EDUCATION		8	6	5
	N. DIP.: PUBLIC REL. MANAGEMENT		171	169	183
	POST GRADUATE CERTIFICATE IN EDUCATION		15	35	3
<b>GRAPHIC DESIGN &amp; PHOTOGRAPHY</b>			<b>1</b>		<b>2</b>
	M TECH: GRAPHIC DESIGN		1		2
<b>HOSPITALITY &amp; TOURISM</b>			<b>787</b>	<b>697</b>	<b>626</b>
	B TECH: FOOD AND BEVERAGE MANAGEMENT				9
	B TECH: FOOD AND CONSUMER SCIENCES		1		
	B TECH: FOOD SERVICE MANAGEMENT		28	15	1
	B TECH: TOURISM MANAGEMENT		17	23	15
	D TECH: FOOD SERVICE MANAGEMENT		3	2	5
	M TECH: FOOD AND BEVERAGE MANAGEMENT			3	6
	M TECH: FOOD SERVICE MANAGEMENT		16	16	12
	M TECH: TOURISM & HOSPITALITY MANAGEMENT		2	3	3
	N DIP: FOOD AND BEVERAGE MANAGEMENT		47	14	1
	N DIP: FOOD AND CONSUMER SCIENCES		1	1	
	N DIP: FOOD SERV. MAN.		7	1	
	N DIP: HOSPITALITY MANAGEMENT		188	200	180
	N DIP: TOURISM MANAGEMENT		477	419	394

<b>LEGAL STUDIES</b>		<b>494</b>	<b>453</b>	<b>453</b>
	N DIP.: POLICING	307	231	130
	N DIP: SAFE. MAN.	187	222	323
<b>VISUAL ARTS &amp; DESIGN</b>		<b>415</b>	<b>356</b>	<b>319</b>
	B TECH: FASHION	6	2	13
	B TECH: FINE ART	11	15	2
	B TECH: GRAPHIC DESIGN	5	9	4
	B TECH: PHOTOGRAPHY	6	2	6
	D TECH: FINE ART	2	1	3
	M TECH: FINE ART	2	2	6
	M TECH: PHOTOGRAPHY	2	2	4
	N DIP. CLOTHING	79	81	46
	N DIP. FASHION	55	35	56
	N DIP: CER. DES.	3	1	
	N DIP: FINE ART	89	79	69
	N DIP: GRAPH. DES.	114	83	72
	N DIP: PHOTOGRAPHY	36	38	38
	N H DIP: CLOTHING DESIGN		5	

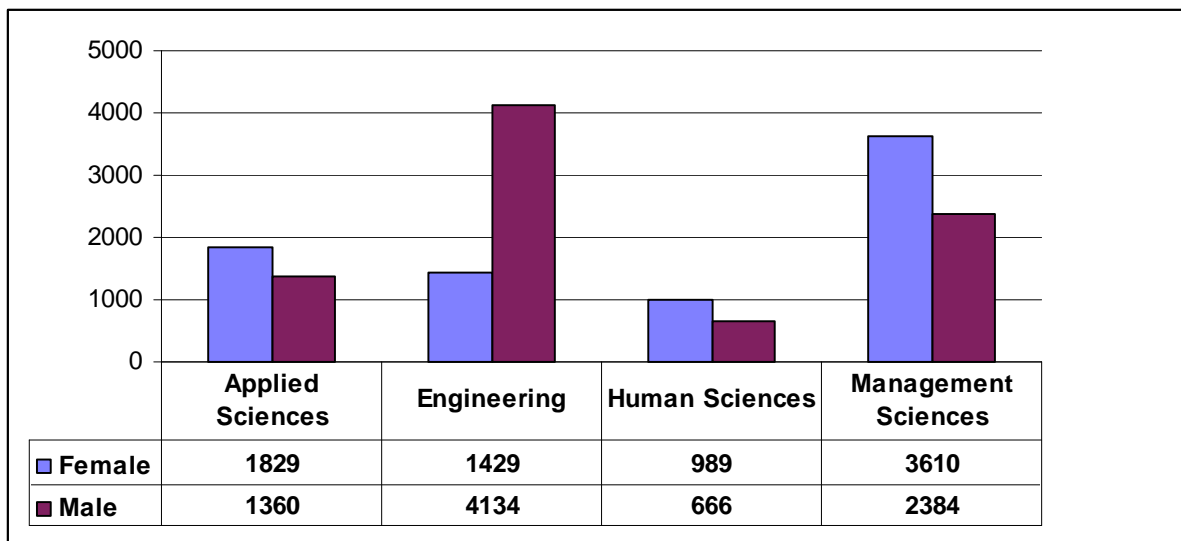
#### FACULTY OF MANAGEMENT SCIENCES

DEPARTMENT	QUALIFICATION	YEAR:	2005	2006	2007
<b>ACCOUNTANCY</b>			<b>2013</b>	<b>2217</b>	<b>1804</b>
	B TECH: FINANCIAL INFORMATION SYSTEMS		8	5	9
	M TECH.: COST & MANAGEMENT ACC.		2	1	7
	N DIP: COST AND MAN. ACC.			71	174
	N DIP: FIN. INF. SYSTEMS		104	82	80
	N DIP: INT. AUDITING			175	
	N H CERT: ACCOUNTANCY		1746	1750	1433
	NHC: FIN. INF. SYSTEMS		153	133	101
<b>COST &amp; MAN. ACC. &amp; INT. AUDIT.</b>			<b>1224</b>	<b>644</b>	<b>658</b>
	B TECH: COST AND MANAGEMENT ACCOUNTING		93	100	67
	B TECH: INTERNAL AUDITING		41	52	64
	N DIP: COST AND MAN. ACC.		748	347	42
	N DIP: INT. AUDITING		342	145	485
<b>HR MANAGEMENT</b>			<b>1785</b>	<b>1866</b>	<b>1654</b>
	B TECH: BUSINESS ADMINISTRATION		44	71	58
	B TECH: HUMAN RESOURCES DEVELOPMENT		55	67	42
	B TECH: HUMAN RESOURCES MANAGEMENT		96	124	121

DEPARTMENT	QUALIFICATION	YEAR:	2005	2006	2007
	B TECH: LABOUR RELATIONS MANAGEMENT		42	35	34
	D TECH.: BUSINESS				4
	M TECH.: BUSINESS ADMINISTRATION		7	6	15
	M TECH: HUMAN RESOURCES MANAGEMENT		16	7	43
	M TECH: LABOUR RELATIONS MANAGEMENT		2	2	2
	M: BUSINESS ADMINISTRATION		3		
	N DIP: HUMAN RESOURCES DEVELOPMENT				258
	N DIP: HUMAN RESOURCES MANAGEMENT		918	888	707
	N DIP: LABOUR RELATIONS		388	397	370
	N DIP: MANAGEMENT OF TRAINING		214	269	
<b>LOGISTICS</b>			<b>735</b>	<b>681</b>	<b>639</b>
	B TECH: LOGISTICS		42	52	41
	M TECH.: LOGISTICS		1	1	2
	N DIP: LOGISTICS		598	571	579
	N DIP: PURCHASING MANAGEMENT		9	7	
	N DIP: SMALL BUSINESS MANAGEMENT		85	50	17
<b>MARKETING &amp; SPORT MANAGEMENT</b>			<b>1202</b>	<b>1063</b>	<b>978</b>
	B TECH: MARKETING		81	75	48
	D TECH.: MARKETING				1
	M TECH.: MARKETING		1	1	7
	N DIP: MARKETING		943	804	745
	N DIP: RETAIL BUSINESS MANAGEMENT		177	183	177
<b>OFFICE &amp; SPORT MANAGEMENT</b>			<b>804</b>	<b>832</b>	<b>166</b>
	B TECH: OFFICE MANAGEMENT AND TECHNOLOGY		12	20	19
	M TECH: OFFICE MANAGEMENT AND TECHNOLOGY		2	1	3
	N D: SPORT ADMINISTRATION AND MARKETING		2		1
	N D: SPORT MANAGEMENT		146	156	143
	N DIP: COMMERCIAL ADMIN.		12		
	N DIP: OFFICE MANAGEMENT AND TECHNOLOGY		630	655	



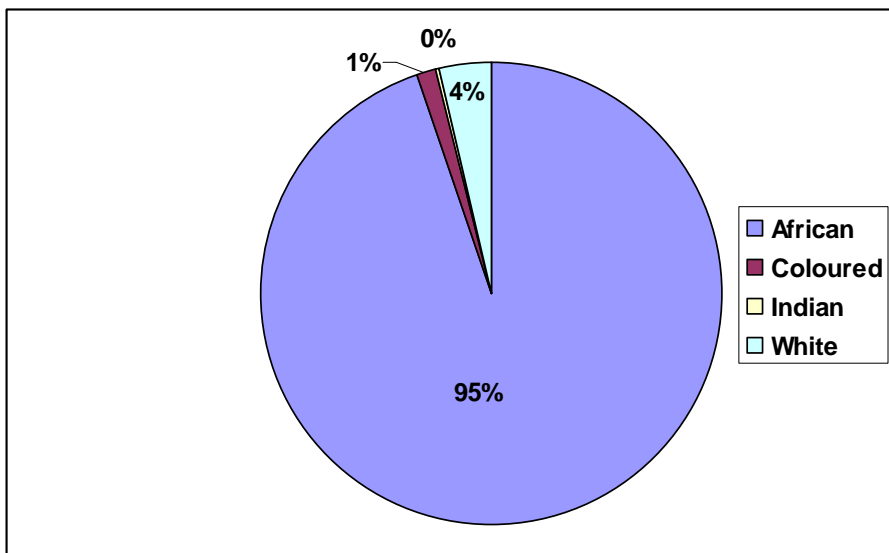
## 2.5 GENDER DISTRIBUTION OF STUDENTS ACROSS FACULTIES



## 2.6 AVERAGE AGE OF STUDENTS STUDYING AT VUT

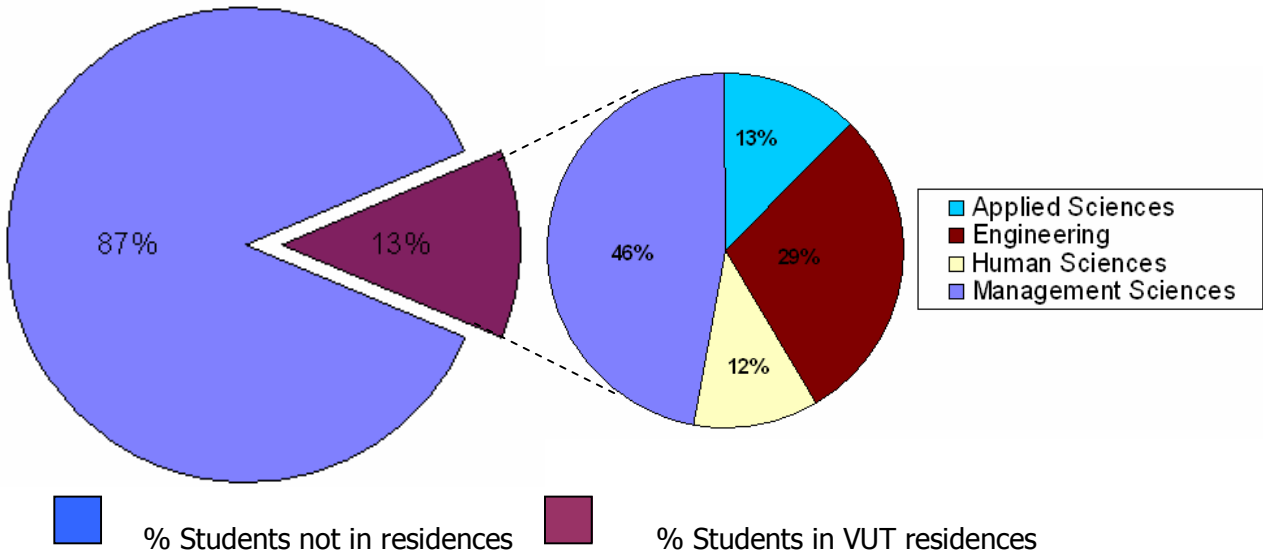
Faculty	FIRST YEAR STUDENTS		SENIOR STUDENTS	
	Female	Male	Female	Male
APPLIED & COMPUTER SCIENCES	23	23	25	25
ENGINEERING	22	24	25	27
FACULTY OF HUMAN SCIENCES	23	26	26	27
MANAGEMENT SCIENCES	22	23	25	25

## 2.7 RACIAL COMPOSITION

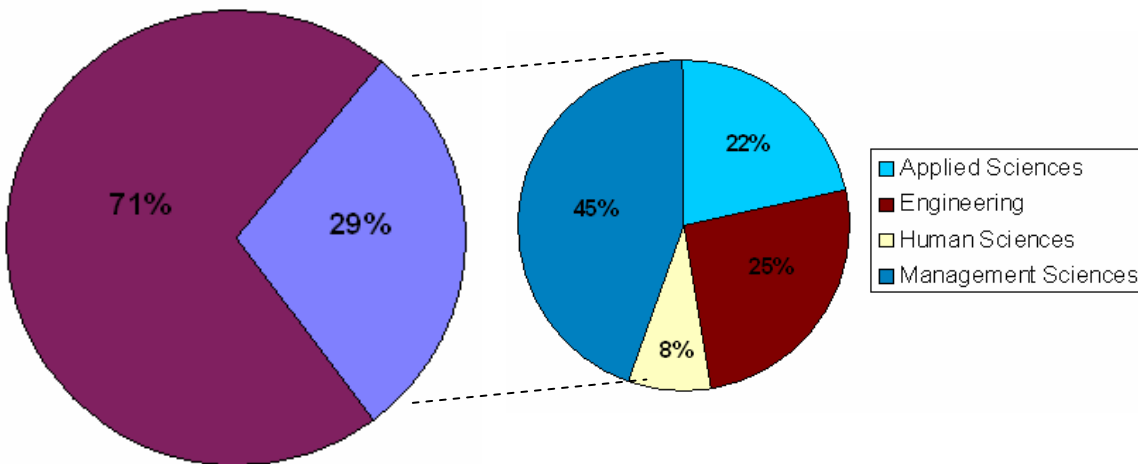


## 2.8 RESIDENTIAL PROFILE

The graph below indicates that only 13% of all students are staying in the residences. The smaller Pie chart indicates the faculty in which the student is enrolled. The majority of students staying in the residences are from the Faculty of Management Sciences.

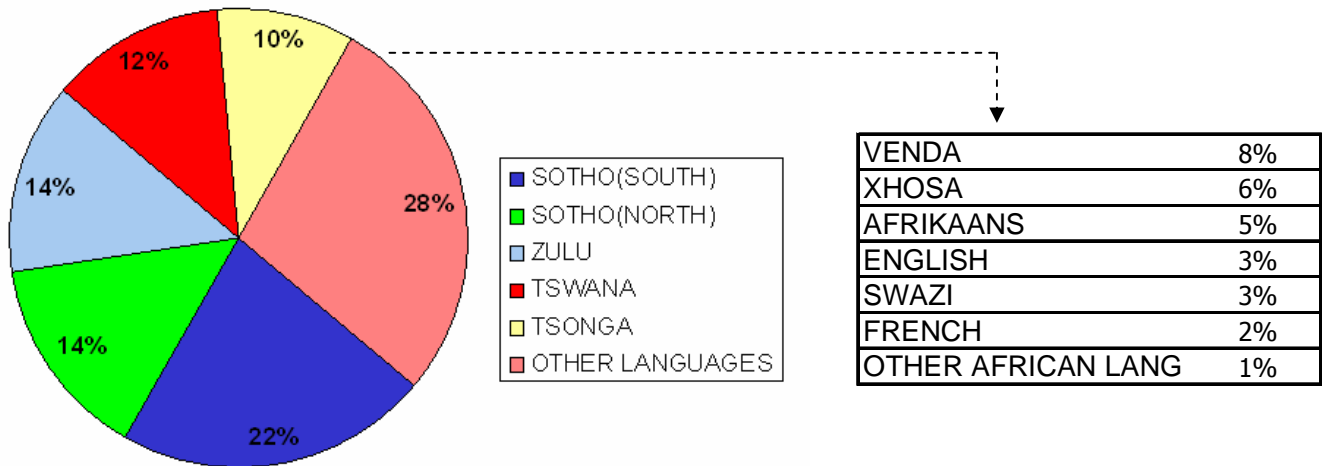


## 2.9 NSFAS



## 2.10 LANGUAGE

South Sotho is the mother tongue of 22% of students at VUT. North Sotho (14%) and Zulu (14%) are the next highest percentage. The Pie chart only reflects languages spoken by 10% or more of the student population. It is important to note that only 3% of the students are English first language speakers. This highlights the need for formal language support programmes at the institution.



### 3. ACADEMIC PERFORMANCE INDICATORS

#### 3.1 SUCCESS RATE

Number of students that passed as a % of the number of students in the course

<b>DEPARTMENT</b>	<b>No of students in course</b>	<b>No that passed</b>	<b>Success Rate</b>
<b>APPLIED &amp; COMPUTER SCIENCES</b>	<b>13640</b>	<b>9591</b>	<b>70%</b>
BIOMEDICAL TECHNOLOGY	1973	1453	74%
BIOTECHNOLOGY	481	365	76%
CHEMISTRY	2017	1409	70%
INF & COMM TECH, OFF MAN TECH	3173	2464	78%
MATHEMATICS	2000	1230	62%
PHYSICS & NON-DESTRUCT TESTING	921	569	62%
SOFTWARE STUDIES	3075	2101	68%
<b>ENGINEERING</b>	<b>12983</b>	<b>7988</b>	<b>62%</b>
CHEMICAL ENGINEERING	1197	546	46%
CIVIL ENGINEERING	1591	1104	69%
ELECTRONIC ENGINEERING	2002	1395	70%
INDUSTRIAL ENG. & OPS. MANAG.	1236	917	74%
MECHANICAL ENGINEERING	2156	1231	57%
METALLURGICAL ENGINEERING	697	432	62%
POWER ENGINEERING	1953	1040	53%
PROCESS CONTROL & COMP SYSTEMS	2151	1323	62%
<b>FACULTY OF HUMAN SCIENCES</b>	<b>16474</b>	<b>11882</b>	<b>72%</b>
COMMUNICATION & LEGAL SERVICES	12127	8440	70%
HOSPITALITY & TOURISM	3421	2753	80%
VISUAL ARTS & DESIGN	926	689	74%
<b>MANAGEMENT SCIENCES</b>	<b>19541</b>	<b>14548</b>	<b>74%</b>
ACCOUNTANCY	8353	5880	70%
HR MANAGEMENT	4450	3210	72%
LOGISTICS	4270	3474	81%
MARKETING & SPORT MANAGEMENT	2448	1968	80%
OFFICE & SPORT MANAGEMENT	20	16	80%
<b>Grand Total</b>	<b>62638</b>	<b>44009</b>	<b>70%</b>

**Success rate at the various sites of delivery**

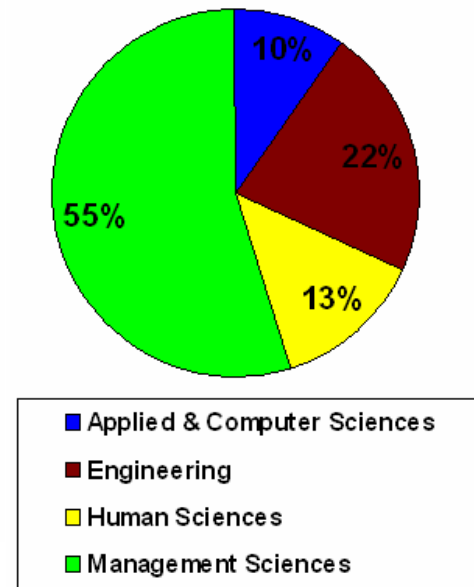
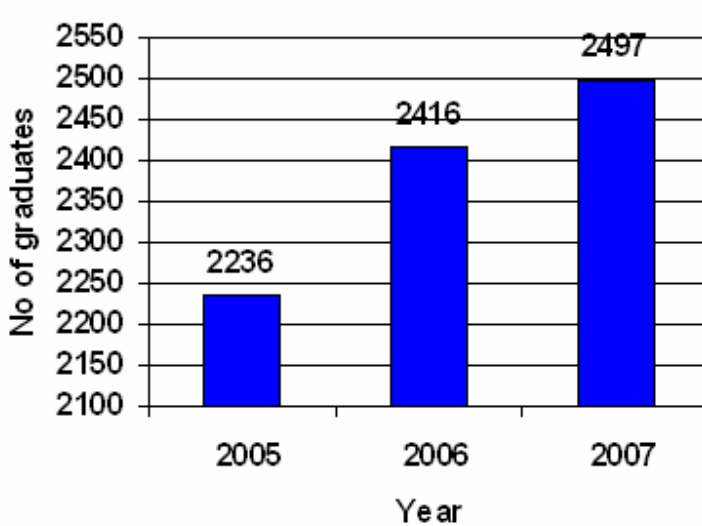
**Pass rate:** Number of students that passed expressed as a percentage of the number that obtained a year mark to write exam. The pass rate will always be higher than the success rate.

**Success rate:** Number of students that passed expressed as a percentage of the total number of students enrolled for the module. The national benchmark for the success rate is 80%. A target of 72% has been set for VUT in its enrolment plan for 2010.

<b>FACULTY</b>	<b>CAMPUS</b>	<b>PASS RATE</b>	<b>SUCCESS RATE</b>
<b>APPLIED &amp; COMPUTER SCIENCES</b>		<b>91%</b>	<b>70%</b>
	Vanderbijlpark	91%	71%
	Ekurhuleni	98%	74%
	Secunda	80%	60%
	Klerksdorp	87%	76%
	Uppington	118%	44%
<b>ENGINEERING</b>		<b>85%</b>	<b>62%</b>
	Vanderbijlpark	87%	63%
	Ekurhuleni	59%	56%
	Secunda	62%	47%
	Klerksdorp	40%	40%
<b>FACULTY OF HUMAN SCIENCES</b>		<b>87%</b>	<b>72%</b>
	Vanderbijlpark	85%	73%
	Ekurhuleni	96%	79%
	Secunda	85%	52%
	Klerksdorp	95%	88%
	Uppington	98%	67%
<b>MANAGEMENT SCIENCES</b>		<b>86%</b>	<b>75%</b>
	Vanderbijlpark	90%	77%
	Ekurhuleni	72%	64%
	Secunda	70%	62%
	Klerksdorp	79%	70%
	Uppington	85%	70%
<b>Grand Total</b>		<b>87%</b>	<b>70%</b>

### 3.2 GRADUATES

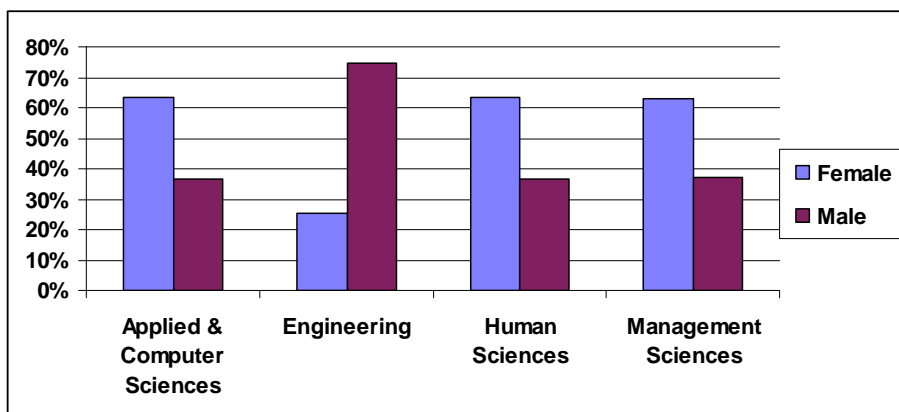
#### 3.2.1 Graduate totals (2005-2007\*) and the distribution across the faculties



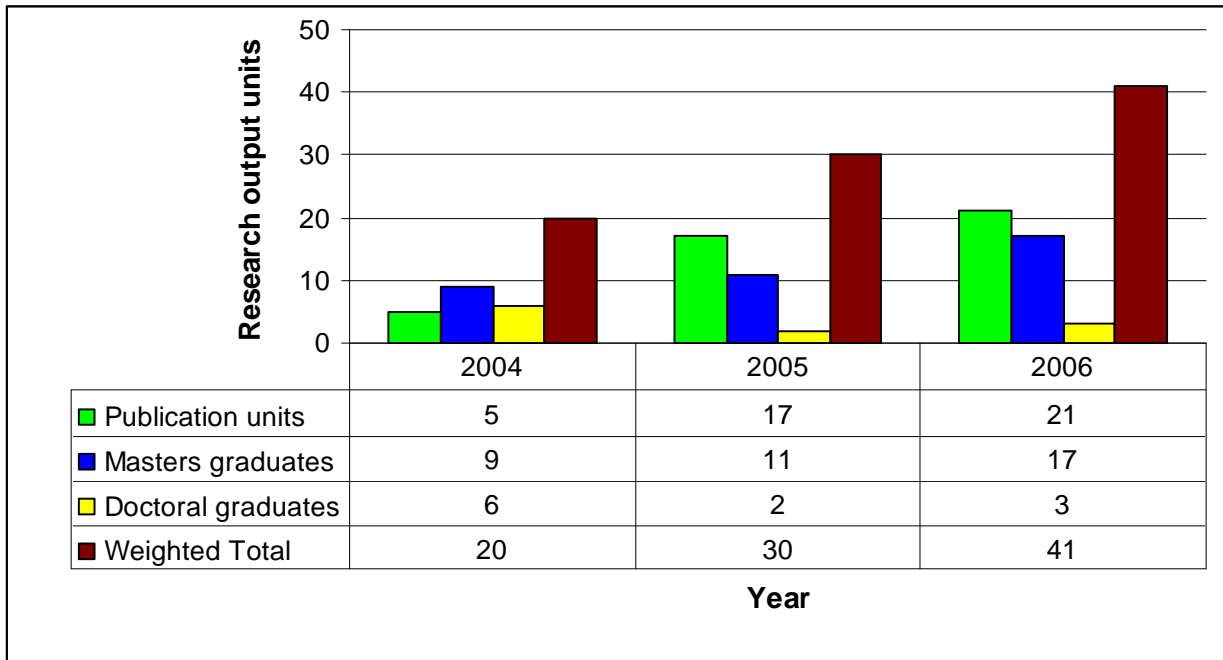
#### 3.2.2 Gender distribution of graduates

Faculty	2004		Total	2005		Total	2006		Total
	Female	Male		Female	Male		Female	Male	
Applied & Computer Sciences	121	108	<b>229</b>	131	113	<b>244</b>	146	84	<b>230</b>
Engineering	149	383	<b>532</b>	105	332	<b>437</b>	136	403	<b>539</b>
Human Sciences	216	105	<b>321</b>	228	102	<b>330</b>	202	116	<b>318</b>
Management Sciences	745	441	<b>1186</b>	784	441	<b>1225</b>	835	494	<b>1329</b>
Grand Total	1231	1037	2268	1248	988	2236	1319	1097	2416

#### 3.2.3 Gender distribution of graduates per faculty



### 3.3 RESEARCH OUTPUTS



## 4. STAFF PROFILE

### 4.1 HEAD COUNT TOTALS OF PERMANENTLY APPOINTED STAFF BY CATEGORY

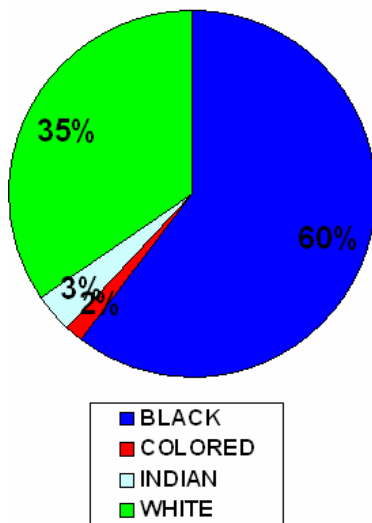
CATEGORY	2005	2006
Instruction/research professionals	312	301
Executive/management professionals	21	20
Support professionals	82	85
<b>Total professional staff</b>	<b>415</b>	<b>406</b>
Technical staff	60	55
Non-professional administrative staff	205	202
Crafts/trades staff	4	4
Service staff	239	256
<b>Total non-professional staff</b>	<b>508</b>	<b>517</b>
<b>TOTAL PERMANENT STAFF</b>	<b>923</b>	<b>923</b>

#### 4.2 FULL-TIME EQUIVALENT STAFF BY CATEGORY

CATEGORY	2005	2006
Instruction/research professionals	414	429
Executive/management professionals	22	22
Support professionals	92	106
<b>Total professional staff</b>	<b>528</b>	<b>557</b>
Technical staff	56	56
Non-professional administrative staff	352	395
Crafts/trades staff	4	4
Service staff	317	358
<b>Total non-professional staff</b>	<b>729</b>	<b>813</b>
<b>TOTAL PERMANENT STAFF</b>	<b>1257</b>	<b>1370</b>

#### 4.3 EQUITY

Equity profile of the Institution with a further breakdown into divisions.



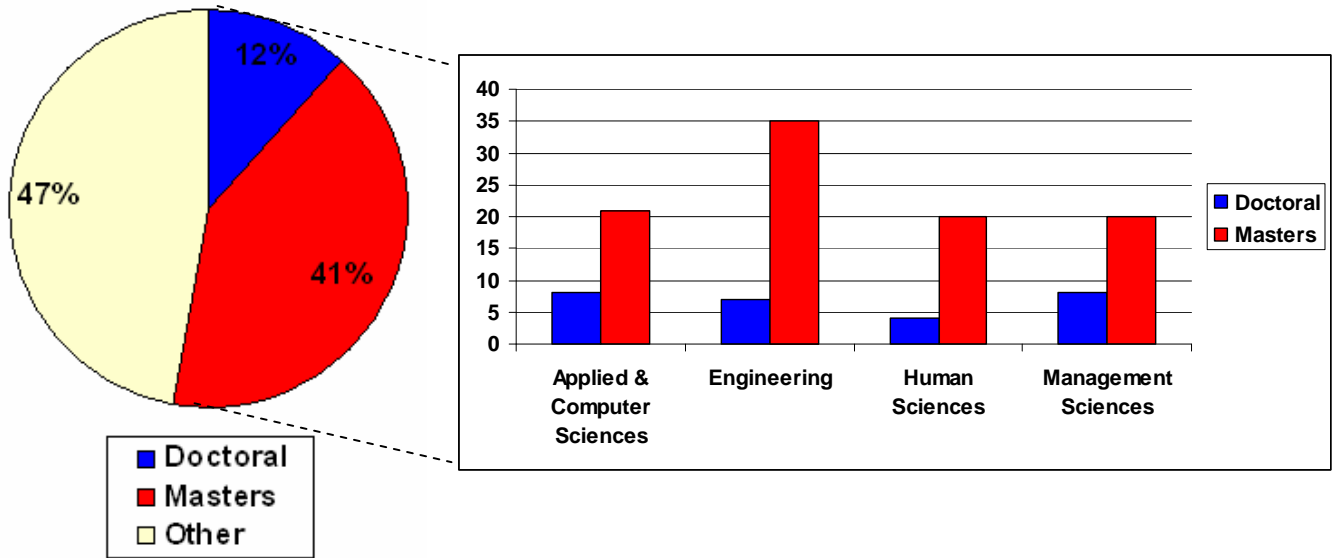
DIVISION	BLACK	COLORED	INDIAN	WHITE
Applied & Computer Sciences	34		3	40
Engineering	33	1	4	65
Human Sciences	24	2	5	49
Management Sciences	20	1	4	23
Non-Academic Divisions	390	10	13	112

#### 4.4 GENDER PROFILE OF THE INSTITUTION

DIVISION	BLACK			COLORED			INDIAN			WHITE		
	F	M	Sum	F	M	Total	F	M	Total	F	M	Total
<b>APPLIED &amp; COMPUTER SCIENCES</b>	19	15	34				1	2	3	29	11	40
<b>ENGINEERING</b>	4	29	33	1		1		4	4	10	55	65
<b>FACULTY OF HUMAN SCIENCES</b>	16	8	24	2		2	4	1	5	39	10	49
<b>MANAGEMENT SCIENCES</b>	10	10	20	1		1	2	2	4	16	7	23
<b>NON-ACADEMIC DIVISIONS</b>	225	165	390	7	3	10	7	6	13	85	27	112
<b>Grand Total</b>	274	227	501	11	3	14	14	15	29	179	110	289



#### 4.5 HIGHEST FORMAL QUALIFICATION OF PERMANENTLY APPOINTED INSTRUCTION/RESEARCH STAFF

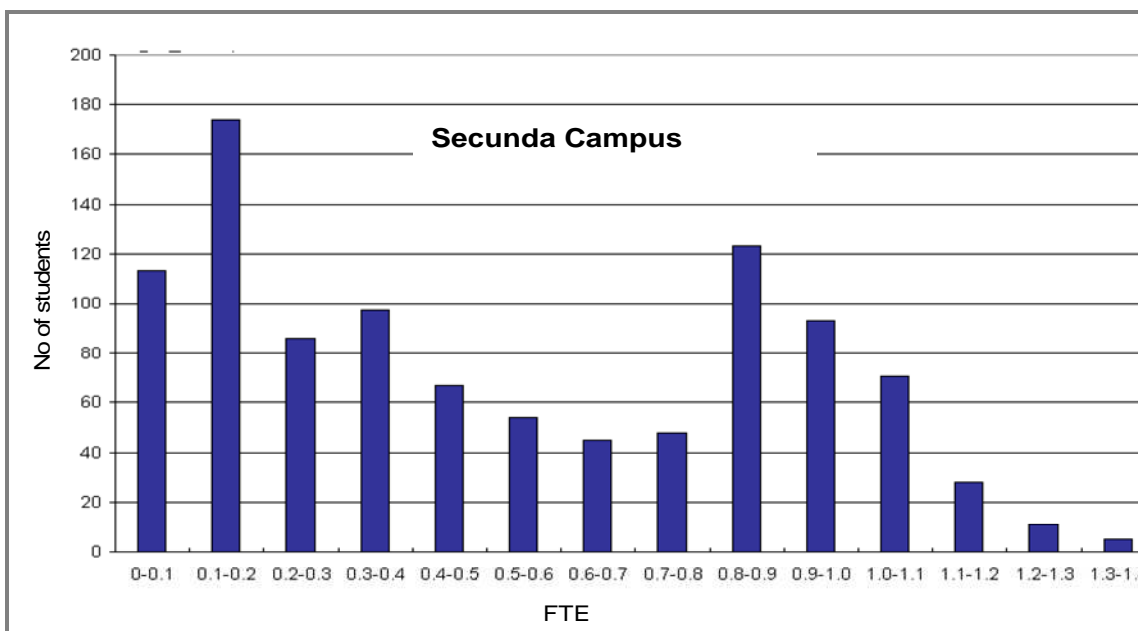
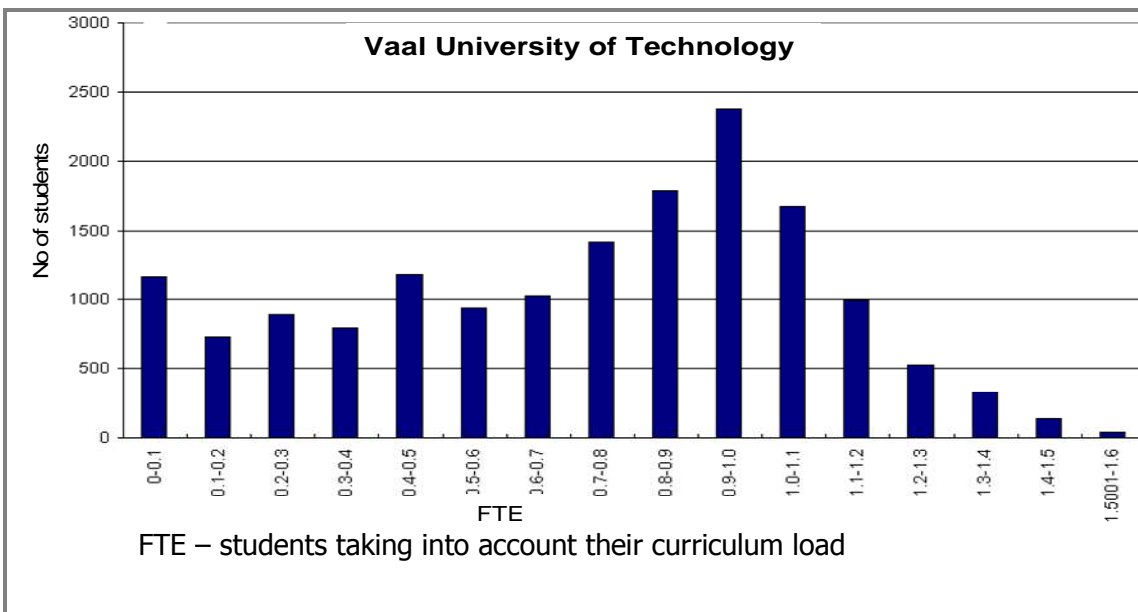


## 5 CURRICULUM DISTRIBUTION OF STUDENTS

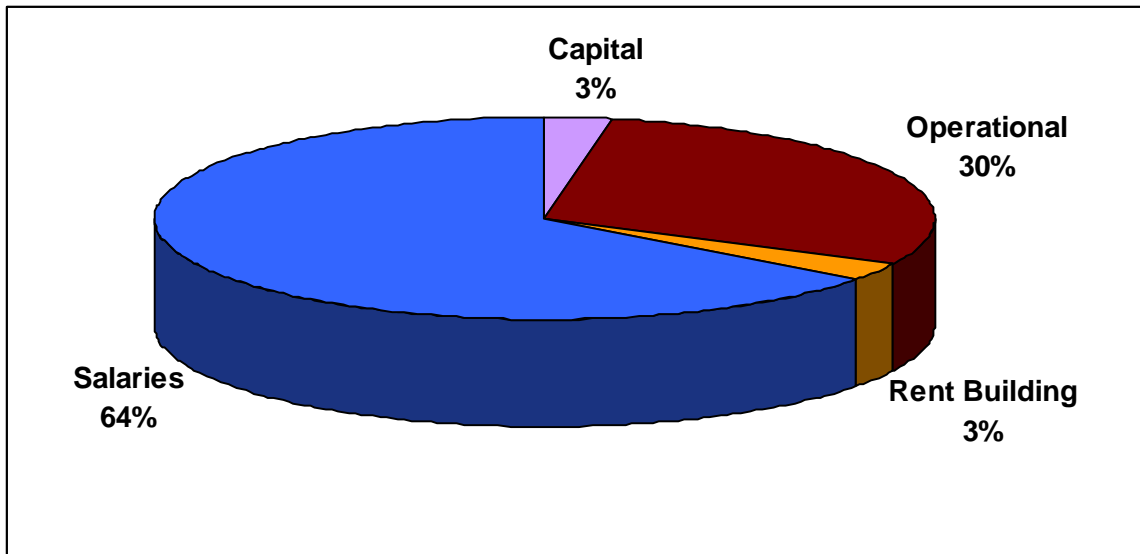
One student enrolled for all the prescribed subjects in a particular year will be one full time equivalent (FTE). Eg. Students who take only half the courses in a year will be 0.5 FTE

The following graph shows distribution of curriculum load of students across the institution. All the sites of delivery have more or less the same distribution, except for the Secunda campus, largely due to the high number of part-time students.

### 5.1 CURRICULUM LOAD



## 5.2 BUDGET DISTRIBUTION



## 5.3 DETAIL BREAKDOWN OF ENROLLED AND WEIGHTED FTE'S

DEPT NAME	YEAR: 2005		2006		2007	
	E FTE	W FTE	E FTE	W FTE	E FTE	W FTE
	<b>2411</b>	<b>5795</b>	<b>2618</b>	<b>6453</b>	<b>3013</b>	<b>7363</b>
BIOMEDICAL TECHNOLOGY	242	880	299	1071	350	1319
BIOTECHNOLOGY					53	197
CHEMISTRY	412	1478	456	1715	458	1767
INF & COMM TECH, OFF MAN TECH	200	334	238	414	705	1120
MATHEMATICS	398	1023	408	1048	379	979
PHYSICS & NON-DESTRUCT TESTING	178	603	201	681	197	668
SOFTWARE STUDIES	980	1476	1017	1526	871	1313
	<b>2460</b>	<b>6547</b>	<b>2524</b>	<b>6644</b>	<b>2425</b>	<b>6411</b>
CHEMICAL ENGINEERING	187	566	195	591	207	629
CIVIL ENGINEERING	319	851	312	849	288	816
ELECTRONIC ENGINEERING	455	1302	438	1228	328	904
INDUSTRIAL ENG. & OPS. MANAG.	244	480	261	569	257	599
MECHANICAL ENGINEERING	379	1080	380	1060	372	1040
METALLURGICAL ENGINEERING	84	241	98	271	111	316
POWER ENGINEERING	407	1137	404	1112	398	1118
PROCESS CONTROL & COMP SYSTEMS	385	889	436	964	464	988
	<b>2915</b>	<b>4666</b>	<b>2692</b>	<b>4199</b>	<b>2314</b>	<b>3664</b>
CLOTHING	110	292				
COMMUNICATION & LEGAL SERVICES	2061	2610	2017	2538	1621	2029
HOSPITALITY & TOURISM	521	1003	481	992	546	1133
VISUAL ARTS & DESIGN	223	762	195	669	148	501
	<b>5749</b>	<b>9397</b>	<b>4869</b>	<b>7957</b>	<b>4019</b>	<b>6600</b>
ACCOUNTANCY	2365	3862	1838	3007	1653	2723
HR MANAGEMENT	1032	1850	1048	1826	916	1607

LOGISTICS	1304	2032	1045	1632	901	1402
MARKETING & SPORT MANAGEMENT	1047	1653	938	1492	548	866
OFFICE & SPORT MANAGEMENT					2	2

<b>13534</b>	<b>26405</b>	<b>12703</b>	<b>25253</b>	<b>11771</b>	<b>24037</b>
--------------	--------------	--------------	--------------	--------------	--------------

**EKURHULENI**

DEPT NAME	YEAR Data					
	2005		2006		2007	
	E FTE	W FTE	E FTE	W FTE	E FTE	W FTE
<b>APPLIED &amp; COMPUTER SCIENCE</b>	<b>164</b>	<b>283</b>	<b>129</b>	<b>208</b>	<b>244</b>	<b>372</b>
INF & COMM TECH, OFF MAN TECH	26	39	25	38	156	238
MATHEMATICS	36	90	15	37	2	4
SOFTWARE STUDIES	102	153	89	133	86	130
<b>ENGINEERING</b>	<b>178</b>	<b>426</b>	<b>105</b>	<b>234</b>	<b>56</b>	<b>102</b>
ELECTRONIC ENGINEERING	61	152	38	95	10	25
MECHANICAL ENGINEERING	41	104	8	20	3	7
POWER ENGINEERING	33	81	11	26	1	1
PROCESS CONTROL & COMP SYSTEMS	44	88	49	92	43	69
<b>FACULTY OF HUMAN SCIENCES</b>	<b>289</b>	<b>420</b>	<b>238</b>	<b>337</b>	<b>226</b>	<b>300</b>
COMMUNICATION & LEGAL SERVICES	184	230	168	212	174	222
HOSPITALITY & TOURISM	72	107	49	73	52	77
VISUAL ARTS & DESIGN	34	83	21	52		
<b>MANAGEMENT SCIENCES</b>	<b>638</b>	<b>976</b>	<b>512</b>	<b>777</b>	<b>457</b>	<b>704</b>
ACCOUNTANCY	308	489	232	363	278	442
HR MANAGEMENT	67	100	51	76	28	41
LOGISTICS	96	144	57	85	58	86
MARKETING & SPORT MANAGEMENT	167	243	172	252	94	134
<b>Grand Total</b>	<b>1270</b>	<b>2104</b>	<b>984</b>	<b>1555</b>	<b>983</b>	<b>1478</b>

DEPT NAME	YEAR Data					
	2005		2006		2007	
	E FTE	W FTE	E FTE	W FTE	E FTE	W FTE
<b>APPLIED &amp; COMPUTER SCIENCE</b>	<b>98</b>	<b>156</b>	<b>82</b>	<b>127</b>	<b>29</b>	<b>43</b>
INF & COMM TECH, OFF MAN TECH	18	27	16	26	17	25
MATHEMATICS	9	23	3	7		
SOFTWARE STUDIES	71	106	62	93	12	18
<b>ENGINEERING</b>	<b>42</b>	<b>94</b>	<b>27</b>	<b>53</b>	<b>5</b>	<b>7</b>
ELECTRONIC ENGINEERING	16	40	6	14		
MECHANICAL ENGINEERING	1	1				
POWER ENGINEERING	8	21	2	6		
PROCESS CONTROL & COMP SYSTEMS	17	31	19	33	5	7
<b>FACULTY OF HUMAN SCIENCES</b>	<b>157</b>	<b>232</b>	<b>119</b>	<b>159</b>	<b>69</b>	<b>90</b>
COMMUNICATION & LEGAL SERVICES	86	103	78	95	47	56
HOSPITALITY & TOURISM	60	90	40	60	22	33
VISUAL ARTS & DESIGN	12	38	1	4		
<b>MANAGEMENT SCIENCES</b>	<b>349</b>	<b>538</b>	<b>281</b>	<b>442</b>	<b>147</b>	<b>224</b>
ACCOUNTANCY	172	279	147	240	71	111
HR MANAGEMENT	45	67	44	67	35	51
LOGISTICS	78	117	45	68	15	23
MARKETING & SPORT MANAGEMENT	54	76	45	67	25	38
OFFICE & SPORT MANAGEMENT					1	1
<b>Grand Total</b>	<b>646</b>	<b>1020</b>	<b>509</b>	<b>781</b>	<b>250</b>	<b>363</b>

SECUNDA

DEPT NAME	YEAR Data					
	2005		2006		2007	
	E FTE	W FTE	E FTE	W FTE	E FTE	W FTE
<b>APPLIED &amp; COMPUTER SCIENCE</b>	<b>128</b>	<b>311</b>	<b>109</b>	<b>269</b>	<b>99</b>	<b>264</b>
CHEMISTRY	21	70	16	56	17	58
INF & COMM TECH, OFF MAN TECH	2	4	2	4	2	3
MATHEMATICS	38	103	30	78	35	96
PHYSICS & NON-DESTRUCT TESTING	18	64	21	74	19	66
SOFTWARE STUDIES	47	71	39	58	27	40
<b>ENGINEERING</b>	<b>158</b>	<b>483</b>	<b>120</b>	<b>346</b>	<b>130</b>	<b>375</b>
CHEMICAL ENGINEERING	31	105	29	100	37	117
ELECTRONIC ENGINEERING	25	65	22	58	17	44
MECHANICAL ENGINEERING	22	84	5	19	0	1
POWER ENGINEERING	36	105	25	69	37	109
PROCESS CONTROL & COMP SYSTEMS	44	124	37	100	39	104
<b>FACULTY OF HUMAN SCIENCES</b>	<b>99</b>	<b>123</b>	<b>111</b>	<b>140</b>	<b>148</b>	<b>189</b>
COMMUNICATION & LEGAL SERVICES	99	123	111	140	148	189
<b>MANAGEMENT SCIENCES</b>	<b>268</b>	<b>421</b>	<b>234</b>	<b>366</b>	<b>178</b>	<b>285</b>
ACCOUNTANCY	132	213	109	175	89	146
HR MANAGEMENT	46	76	56	88	49	78
LOGISTICS	62	94	49	74	28	42
MARKETING & SPORT MANAGEMENT	27	38	21	29	13	19
<b>Grand Total</b>	<b>652</b>	<b>1338</b>	<b>573</b>	<b>1121</b>	<b>556</b>	<b>1113</b>

DEPT NAME	YEAR Data					
	2005		2006		2007	
	E FTE	W FTE	E FTE	W FTE	E FTE	W FTE
<b>APPLIED &amp; COMPUTER SCIENCE</b>	<b>1983</b>	<b>4962</b>	<b>2265</b>	<b>5777</b>	<b>2609</b>	<b>6613</b>
BIOMEDICAL TECHNOLOGY	222	824	281	1023	333	1270
BIOTECHNOLOGY					53	197
CHEMISTRY	391	1409	440	1658	441	1708
INF & COMM TECH, OFF MAN TECH	152	262	193	345	530	853
MATHEMATICS	315	807	360	926	343	878
PHYSICS & NON-DESTRUCT TESTING	160	539	179	607	178	602
SOFTWARE STUDIES	743	1121	812	1218	732	1105
<b>ENGINEERING</b>	<b>2081</b>	<b>5544</b>	<b>2271</b>	<b>6011</b>	<b>2234</b>	<b>5927</b>
CHEMICAL ENGINEERING	156	461	165	490	170	512
CIVIL ENGINEERING	319	851	312	849	288	816
ELECTRONIC ENGINEERING	354	1044	372	1061	300	835
INDUSTRIAL ENG. & OPS. MANAG.	244	480	261	569	257	599
MECHANICAL ENGINEERING	314	891	367	1021	369	1033
METALLURGICAL ENGINEERING	84	241	98	271	111	316
POWER ENGINEERING	330	930	366	1011	360	1007
PROCESS CONTROL & COMP SYSTEMS	280	645	330	739	378	808
<b>FACULTY OF HUMAN SCIENCES</b>	<b>2305</b>	<b>3803</b>	<b>2178</b>	<b>3501</b>	<b>1822</b>	<b>3021</b>
CLOTHING	110	292				
COMMUNICATION & LEGAL SERVICES	1664	2118	1637	2064	1224	1531
HOSPITALITY & TOURISM	354	753	368	823	450	990
VISUAL ARTS & DESIGN	178	640	172	614	148	501
<b>MANAGEMENT SCIENCES</b>	<b>4366</b>	<b>7265</b>	<b>3727</b>	<b>6197</b>	<b>3137</b>	<b>5234</b>
ACCOUNTANCY	1694	2788	1301	2150	1174	1957
HR MANAGEMENT	849	1570	869	1554	773	1389
LOGISTICS	1038	1632	868	1365	780	1222
MARKETING & SPORT MANAGEMENT	784	1274	690	1128	409	665
OFFICE & SPORT MANAGEMENT					1	1
<b>Grand Total</b>	<b>10735</b>	<b>21574</b>	<b>10442</b>	<b>21485</b>	<b>9803</b>	<b>20795</b>

UPINGTON

DEPT NAME	YEAR Data					
	2005		2006		2007	
	E FTE	W FTE	E FTE	W FTE	E FTE	W FTE
<b>APPLIED &amp; COMPUTER SCIENCE</b>	<b>38</b>	<b>83</b>	<b>34</b>	<b>72</b>	<b>32</b>	<b>71</b>
BIOMEDICAL TECHNOLOGY	20	56	17	48	18	49
INF & COMM TECH, OFF MAN TECH	1	2	1	1	1	1
SOFTWARE STUDIES	17	25	16	23	14	21
<b>FACULTY OF HUMAN SCIENCES</b>	<b>64</b>	<b>88</b>	<b>46</b>	<b>63</b>	<b>49</b>	<b>64</b>
COMMUNICATION & LEGAL SERVICES	29	35	23	28	27	31
HOSPITALITY & TOURISM	35	53	23	35	22	33
<b>MANAGEMENT SCIENCES</b>	<b>129</b>	<b>197</b>	<b>114</b>	<b>176</b>	<b>99</b>	<b>153</b>
ACCOUNTANCY	58	93	49	78	41	66
HR MANAGEMENT	25	37	28	42	32	48
LOGISTICS	30	45	27	40	19	29
MARKETING & SPORT MANAGEMENT	15	22	11	16	6	10
<b>Grand Total</b>	<b>231</b>	<b>367</b>	<b>194</b>	<b>311</b>	<b>180</b>	<b>287</b>



6. APPROVED PQM OD THE VAAL UNIVERSITY OF TECHNOLOGY (3-YEAR CYCLE)

DETAILS OF APPROVED QUALIFICATIONS AND MAJORS/FIELDS OF SPECIALISATION: AS AT 31 DECEMBER 2005

Approved Qualification Title	Majors or fields of specialisation	Minimum times		
		Total	Formal	Experiential
<b>UNDERGRADUATE DIPLOMA OR CERTIFICATE</b>				
ADVANCED CERTIFICATE IN EDUCATION	0701 Foundations of Education	1	1	0
<b>NATIONAL CERTIFICATE AND HIGHER CERTIFICATE</b>				
N CERT: BUSINESS EDUCATION	0409 Management	1	1	0
NC: DRESSMAKING & PATTERN CONSTRUCTION	1001 Clothing & Textiles	1	1	0
NHC: ACCOUNTANCY	0401 Accounting	2	2	0
<b>NATIONAL DIPLOMA</b>				
ND: AGRICULTURAL MANAGEMENT	0106 Plant Sciences, 0104 Animal Sciences, 0409 Management	3	2.2	0.8
ND: BUILDING	0204 Construction & Design Implementation	3	2.5	0.5
ND: GRAPHIC DESIGN	0305 Visual Arts	3	3	0
ND: CERAMIC DESIGN	0305 Visual Arts	3	3	0
ND: FINE ART	0305 Visual Arts	3	3	0
ND: PHOTOGRAPHY	0305 Visual Arts, 0506 Film as Comm., 1105 Graphic Arts	3	3	0
ND: COMMERCIAL PRACTICE	0402 Administrative & Office Services, 0602 Computer Ops. & Operations Control	3	3	0
ND: COST AND MANAGEMENT ACCOUNTING	0401 Accounting	3	3	0
ND: FINANCIAL INFORMATION SYSTEMS	0401 Accounting, 0605 Info. & Database Systems	3	3	0
ND: HUMAN RESOURCES MANAGEMENT	0411 Personnel Mngmt. & Admin.	3	3	0
ND: INTERNAL AUDITING	0401 Accounting	3	3	0
ND: LABOUR RELATIONS	0411 Personnel Management & Admin., 1303 Mercantile Law	3	3	0
ND: LOGISTICS	0409 Management	3	3	0
ND: MANAGEMENT OF TRAINING	0409 Management, 0411 Personnel Mngmt. & Admin.	3	3	0
ND: MARKETING	0409 Management, 0410 Marketing	3	3	0
ND: OFFICE MANAGEMENT & TECHNOLOGY	0402 Administrative & Office Services, 0602 Computer Ops. & Operations Control	3	2.8	0.2
ND: RETAIL BUSINESS MANAGEMENT	0409 Management, 0410 Marketing	3	3	0

**DETAILS OF APPROVED QUALIFICATIONS AND MAJORS/FIELDS OF SPECIALISATION: AS AT 31 DECEMBER 2005**

Approved Qualification Title	Majors or fields of specialisation	Minimum times		
		Total	Formal	Experiential
ND: SAFETY MANAGEMENT	0411 Personnel Management & Admin., 1304 Private Law	3	3	0
ND: SMALL BUSINESS MANAGEMENT	0409 Management, 0410 Marketing	3	2.5	0.5
ND: OPERATIONS MANAGEMENT	0409 Management	3	3	0
ND: PUBLIC RELATIONS MANAGEMENT	0517 Public Relations	3	2.5	0.5
ND: ENGINEERING: COMPUTER SYSTEMS	0603 Computer Hardware Systems	3	2	1
ND: INFORMATION TECHNOLOGY	0605 Info. & Database Systems, 0607 Programming Lang.	3	3	0
ND: ENGINEERING: CHEMICAL	0805 Chemical Engineering & Technology	3	2	1
ND: ENGINEERING: CIVIL	0806 Civil Engineering & Technology	3	2	1
ND: ENGINEERING: ELECTRICAL	0808 Electrical Engineering & Technology	3	2	1
ND: ENGINEERING: INDUSTRIAL	0814 Industrial Eng. & Tech.	3	2	1
ND: ENGINEERING: MECHANICAL	0819 Mechanical Eng. & Tech.	3	2	1
ND: ENGINEERING: METALLURGY	0820 Metallurgical Eng. & Tech.	3	2	1
ND: BIOMEDICAL TECHNOLOGY	0901 Basic Health Care Sciences	3	2.5	0.5
ND: CLOTHING	1001 Clothing & Textiles	3	3	0
ND: CONSUMER SCIENCE: FOOD & NUTRITION	1003 Food & Nutrition	3	2.7	0.3
ND: FASHION	1001 Clothing & Textiles	3	3	0
ND: FOOD & CLOTHING TECHNOLOGY	1001 Clothing & Textiles, 1003 Food & Nutrition	3	3	0
N DIP: FOOD AND BEVERAGE MANAGEMENT	1003 Food & Nutrition, 1007 Inst. Housekeeping & Food Service Mngmt.	3	2.5	0.5
N DIP: VOEDSELDIENSBESTUUR	1003 Food & Nutrition, 1007 Inst. Housekeeping & Food Service Mngmt.	3	2.5	0.5
ND: ANALYTICAL CHEMISTRY	1504 Chemistry	3	2.5	0.5
ND: BIOTECHNOLOGY	1503 Biological Sciences, 1504 Chemistry	3	2	1
ND: NON-DESTRUCTIVE TESTING	0814 Industrial Engineering & Technology	3	1.5	1.5
ND: SPORT ADMINISTRATION & MARKETING	0402 Administrative & Office Services, 1903 Sport	3	2.5	0.5
ND: SPORT MANAGEMENT	1903 Sport	3	3	0
ND: POLICING	2103 Safety & Correctional Services	3	3	0
ND: TOURISM MANAGEMENT	2203 Geography	3	2.5	0.5
ND: TRAVEL AND TOURISM	0410 Marketing, 2203 Geography	3	2.6	0.4
<b>NATIONAL HIGHER DIPLOMA</b>				

**DETAILS OF APPROVED QUALIFICATIONS AND MAJORS/FIELDS OF SPECIALISATION: AS AT 31 DECEMBER 2005**

Approved Qualification Title	Majors or fields of specialisation	Minimum times		
		Total	Formal	Experiential
NHD: COMMUNITY NURSING	0907 Public Health	1	1	0
POST GRADUATE CERTIFICATE IN EDUCATION	0701 Foundations of Education	1	1	0
<b>BACCALAUREUS TECHNOLOGIAE DEGREE</b>				
B TECH: FINE ART	0305 Visual Arts	1	1	0
B TECH: CERAMIC DESIGN	1105 Graphic Arts	1	1	0
B TECH: GRAPHIC DESIGN	0305 Visual Arts, 1105 Graphic Arts	1	1	0
B TECH: MULTIMEDIA	0305 Visual Arts	1	1	0
B TECH: PHOTOGRAPHY	0305 Visual Arts	1	1	0
B TECH: BUSINESS ADMINISTRATION	0409 Management	1	1	0
B TECH: COST AND MANAGEMENT ACCOUNTING	0401 Accounting, 0409 Management	1	1	0
B TECH: FINANCIAL INFORMATION SYSTEMS	0401 Accounting,	1	1	0
B TECH: HUMAN RESOURCE DEVELOPMENT	0411 Personnel Management & Administration	1	1	0
B TECH: HUMAN RESOURCES MANAGEMENT	0411 Personnel Management & Admin.	1	1	0
B TECH: INTERNAL AUDITING	0401 Accounting	1	1	0
B TECH: LABOUR RELATIONS MANAGEMENT	0411 Personnel Management & Administration	1	1	0
B TECH: LOGISTICS	0409 Management, 0410 Marketing	1	1	0
B TECH: MARKETING	0410 Marketing	1	1	0
B TECH: OFFICE MANAGEMENT AND TECHNOLOGY	0402 Admin. & Office Services	1	1	0
B TECH: RETAIL BUSINESS MANAGEMENT	0410 Marketing	1	1	0
B TECH: PRODUCTION MANAGEMENT	0403 Banking & Finance, 0409 Management	1	1	0
B TECH: PUBLIC RELATIONS MANAGEMENT	0517 Public Relations	1	1	0
B TECH: COMPUTER SYSTEMS	0603 Computer Hardware Systems, 0605 Info. & Database Systems, 0607 Programming Lang., 0808 Electrical Eng. & Tech.	1	1	0
B TECH: INFORMATION TECHNOLOGY	0605 Info. & Database Systems, 0607 Programming Lang., 0608 Programming Systems	1	1	0
B TECH: EDUCATION: POST SCHOOL	0701 Foundations of Education, 0702 Educational Admin., 0704 Teaching - Subject Matter	1	1	0
B TECH: ENGINEERING: CHEMICAL	0805 Chemical Engineering & Technology	1	1	0
B TECH: ENGINEERING: CIVIL	0806 Civil Eng. & Tech	1	1	0

**DETAILS OF APPROVED QUALIFICATIONS AND MAJORS/FIELDS OF SPECIALISATION: AS AT 31 DECEMBER 2005**

Approved Qualification Title	Majors or fields of specialisation	Minimum times		
		Total	Formal	Experiential
B TECH: ENGINEERING: ELECTRICAL	0808 Electrical Engineering & Technology	1	1	0
B TECH: ENGINEERING: INDUSTRIAL	0814 Industrial Engineering & Technology	1	1	0
B TECH: ENGINEERING: MECHANICAL	0819 Mechanical Eng. & Tech.	1	1	0
B TECH: ENGINEERING: METALLURGY	0820 Metallurgical Eng. & Tech.	1	1	0
B TECH: NURSING	0907 Public Health	1	1	0
B. TECH: BIOMEDICAL TECHNOLOGY	0902 Clinical Health Sciences	1	1	0
B TECH: CONSUMER SCIENCE: FOOD & NUTRITION	1003 Food & Nutrition	1	1	0
B TECH: FASHION	1001 Clothing & Textiles	1	1	0
B TECH: FOOD & BEVERAGE MANAGEMENT	1003 Food & Nutrition, 1007 Inst. Housekeeping & Food Service Mngmt.	1	1	0
B TECH: CHEMISTRY	1504 Chemistry	1	1	0
B. TECH: BIOTECHNOLOGY	1503 Biological Sc., 1504 Chemistry	1	1	0
B TECH: TOURISM MANAGEMENT	2203 Geography	1	1	0
<b>MAGISTER TECHNOLOGIAE</b>				
M TECH: CERAMIC DESIGN	0305 Visual Arts	1	1	0
M TECH: FINE ART	0305 Visual Arts	1	1	0
M TECH: GRAPHIC DESIGN	0305 Visual Arts	1	1	0
M TECH: MULTIMEDIA	0305 Visual Arts	1	1	0
M TECH: PHOTOGRAPHY	0305 Visual Arts	1	1	0
M TECH: BUSINESS ADMINISTRATION	0409 Management	1	1	0
M TECH: COMMERCIAL ADMINISTRATION	0402 Administrative & Office Services	1	1	0
M TECH: COST & MANAGEMENT ACCOUNTING	0401 Accounting	1	1	0
M TECH: HUMAN RESOURCES MANAGEMENT	0411 Personnel Management & Admin.	1	1	0
M TECH: LOGISTICS	0410 Marketing	1	1	0
M TECH: MARKETING	0410 Marketing	1	1	0
M TECH: PUBLIC RELATIONS MANAGEMENT	0517 Public Relations	1	1	0
M TECH: INFORMATION TECHNOLOGY	0605 Information & Database Systems	1	1	0
M TECH: ENGINEERING: CHEMICAL	0805 Chemical Engineering & Technology	1	1	0
M TECH: ENGINEERING: CIVIL	0806 Civil Engineering & Technology	1	1	0

**DETAILS OF APPROVED QUALIFICATIONS AND MAJORS/FIELDS OF SPECIALISATION: AS AT 31 DECEMBER 2005**

Approved Qualification Title	Majors or fields of specialisation	Minimum times		
		Total	Formal	Experiential
M TECH: ENGINEERING: ELECTRICAL	0808 Electrical Engineering & Technology	1	1	0
M TECH: ENGINEERING: INDUSTRIAL	0814 Industrial Engineering & Technology	1	1	0
M TECH: ENGINEERING: MECHANICAL	0819 Mechanical Engineering & Technology	1	1	0
M TECH: ENGINEERING: METALLURGY	0820 Metallurgical Eng. & Tech.	1	1	0
M TECH: FOOD & BEVERAGE MANAGEMENT	1007 Institutional Housekeeping & Food Service Management	1	1	0
M TECH: BIOTECHNOLOGY	1503 Biological Sciences	1	1	0
M TECH: CHEMISTRY	1504 Chemistry	1	1	0
M TECH: TOURISM & HOSPITALITY MANAGEMENT	0409 Management	1	1	0
<b>DOCTOR TECHNOLOGIAE</b>				
D TECH: FINE ART	0305 Visual Arts	2	2	0
D TECH: PHOTOGRAPHY	0305 Visual Arts	2	2	0
D TECH: BUSINESS	0401 Accounting	2	2	0
D TECH: MARKETING	0410 Marketing	2	2	0
D TECH: INFORMATION SYSTEMS	0605 Information & Database Systems	2	2	0
D TECH: ENG: ELECTRICAL	0808 Electrical Engineering & Technology	2	2	0
D. TECH.: CIVIL ENGINEERING	0806 Civil Engineering & Technology	2	2	0
D. TECH.: MECHANICAL ENG.	0819 Mechanical Engineering & Technology	2	2	0
D TECH: FOOD SERVICE MANAGEMENT	1003 Food & Nutrition	2	2	0

***Acknowledgements***

The conscientious efforts on Ms van Blerk and Mr. Y Naidu, in their preparation of this report are, as always, much appreciated.

Prof LA du Plessis  
 Institutional Planning  
 Vaal University of Technology  
 Private Bag X021  
 Vanderbijlpark  
 1900