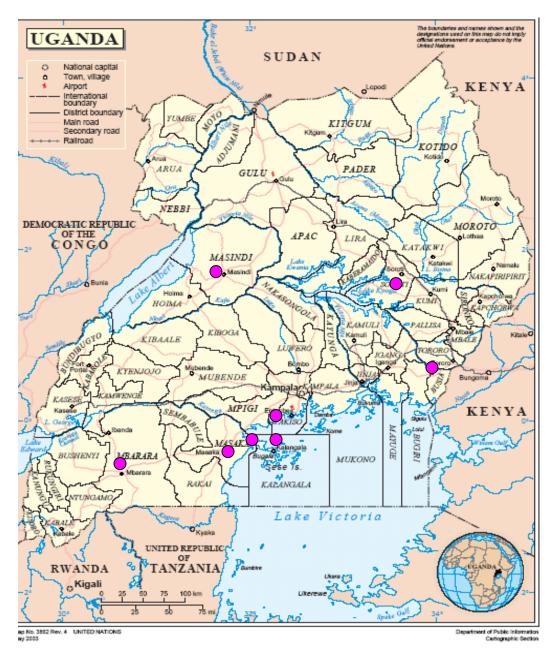**APPENDIX I: MAP OF UGANDA**

Source: UN, (May 2003) http://www.un.org/Depts/Cartographic/map/profile/uganda.pdf

APPENDIX II
QUESTIONNAIRE FOR MANAGERS AND TUTORS OF THE BACHELOR OF EDUCATION (B.Ed) EXTERNAL DEGREE PROGRAMME OF MAKERERE UNIVERSITY

20th October 2002

Dear Sir/Madam,

RESEARCH QUESTIONNAIRE

I am currently registered with the University of Pretoria for a PhD in Curriculum Instruction and Teaching. This questionnaire is part of a study that is meant to examine the distance education model being used in the provision of In-service Teacher Education for Secondary School Teachers in Uganda and to identify ways in which this model can be improved and Information Communication Technologies integrated.

As a tutor/manager/writer/reviewer on the External Degree programme, you must have a lot to contribute to this study; so please respond to the questions in the attached questionnaire as honestly as possible. Your responses will be treated with utmost confidentiality and will not be used against anyone.

Thank you for your cooperation and support.

Yours Sincerely

Jessica N. Aguti
PhD Student

QUESTIONNAIRE FOR MANAGERS AND TUTORS OF THE BACHELOR OF EDUCATION (B.Ed) EXTERNAL DEGREE PROGRAMME OF MAKERERE UNIVERSITY

Instructions:

For each question, please tick (✔) or fill in the blanks as necessary

	For official use
1. Respondent number	V1 ☐☐☐ 1-3
Section A: Personal Information	
2. Age _____Years	V2 ☐☐ 4-5

3. Gender

Female	1
Male	2

V3 ☐ 6

4. Institution

Makerere University	1
Kyambogo University	2
Other (Specify) _____	

V4 ☐ 7

V5 ☐ 8

5. Position

Professor	1
Associate Professor	2
Senior Lecturer	3
Lecturer	4
Assistant Lecturer	5
Teaching Assistant	6
Other (Specify) _____	

V6 ☐ 9

V7 ☐☐ 10-11

Section B: Potential Of Distance Education

6. Do you think Distance Education has the potential to meet educational needs in Uganda?   **Yes   No**

1	2

V8 ☐ 12

7. If **Yes**, which of these areas of specialisation do you think could be served by distance education? **Yes   No**

	Yes	No
Education	1	2
Law	1	2

V9 ☐ 13

V10 ☐ 14

		Yes	No				
	Social Sciences	1	2		V11		15
	Arts Courses	1	2		V12		16
	Science Courses	1	2		V13		17
	Engineering	1	2		V14		18
	Medicine	1	2		V15		19
	Other (Specify) _____				V16		20-21

8. If your answer to any of the items in question 7 above was **NO**, why do you think distance education cannot be used to offer those courses?

_____
_____
_____
_____
_____
_____
_____

V17   22-23

V18   24-25

V19   26-27

9. Which issues do you think should be highlighted in a policy on Distance and Open Learning

_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

V20   28-29

V21   30-31

V22   32-33

V23   34-35

10. In your opinion, do the following factors impact distance education in Uganda?

	Yes	No			
Expertise in distance education	1	2		V24	36
Government policy on distance education	1	2		V25	37
Institutional policies on distance education	1	2		V26	38
Funding of distance education programmes	1	2		V27	39
Access to technology in the country	1	2		V28	40

Management and administrative systems in institutions of learning	1	2		V29		41
Attitudes towards distance education	1	2		V30		42
Other (Specify) ——————————————— ———————————————				V31		43

Section C: Teacher Education by Distance Programmes

11. Have you participated in any of the following Teacher Education Programmes?

	Yes	No			
MITEP	1	2		V32	44
NITEP	1	2		V33	45
TDMS Headteacher Training programme	1	2		V34	46
TDMS Grade III Teachers' Course	1	2		V35	47
TDMS Outreach Tutor Training	1	2		V36	48
Kyambogo University Diploma In Primary Education	1	2		V37	49
Makerere University B.Ed (External)	1	2		V38	50
Other (Specify) ———————————————				V39	51-52

12. In what capacity did you participate in these programmes?

		Yes	No			
MITEP	Reviewer	1	2		V40	53
	Tutor	1	2		V41	54
	Manager	1	2		V42	55
	Trainer	1	2		V43	56
	Writer	1	2		V44	57

		Yes	No			
NITEP	Reviewer	1	2		V45	58
	Tutor	1	2		V46	59
	Manager	1	2		V47	60
	Trainer	1	2		V48	61
	Writer	1	2		V49	62

		Yes	No
TDMS Headteacher Training programme	Reviewer	1	2
	Tutor	1	2
	Manager	1	2
	Trainer	1	2
	Writer	1	2

V50 ☐ 63
V51 ☐ 64
V52 ☐ 65
V53 ☐ 66
V54 ☐ 67

		Yes	No
TDMS Grade III Teachers' Course	Reviewer	1	2
	Tutor	1	2
	Manager	1	2
	Trainer	1	2
	Writer	1	2

V55 ☐ 68
V56 ☐ 69
V57 ☐ 70
V58 ☐ 71
V59 ☐ 72

		Yes	No
Kyambogo University Diploma in Pr. Ed.	Reviewer	1	2
	Tutor	1	2
	Manager	1	2
	Trainer	1	2
	Writer	1	2

V60 ☐ 73
V61 ☐ 74
V62 ☐ 75
V63 ☐ 76
V64 ☐ 77

		Yes	No
Makerere University	Reviewer	1	2
	Tutor	1	2
	Manager	1	2
	Trainer	1	2
	Writer	1	2

V65 ☐ 78
V66 ☐ 79
V67 ☐ 80
V68 ☐ 81
V69 ☐ 82

		Yes	No		
Other (Specify) _____	Reviewer	1	2	V70 □	83
				V71 □	84
	Tutor	1	2	V72 □	85
	Manager	1	2	V73 □	86
	Trainer	1	2	V74 □	87
	Writer	1	2		

13. List below the **strengths** of the programmes you have participated in.

_____
_____
_____
_____
_____
_____
_____
_____
_____

V75			88-89
V76			90-91
V77			92-93
V78			94-95
V79			96-97

14. List below the **weaknesses** of the programmes you have participated in.

_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

V80			98-99
V81			100-101
V82			102-103
V83			104-105
V8 4			106-107

15. What do you think could be done to improve these programmes and enhance their:
a. **Management**

_____
_____
_____
_____
_____
_____

V85			108-109
V86			110-111
V87			112-113

b. **Study materials development and provision**

_____
_____
_____
_____
_____

V88			114-115
V89			116-117
V90			118-119

c. **Student support in the programme** (provision of information, face to face sessions, student group meetings, library services, and counselling) _____ _____ _____ _____ _____ _____	V91		120-121
	V92		122-123
	V93		124-125
d. **Student Assessment and examinations** _____ _____ _____ _____ _____ _____	V94		126-127
	V95		128-129
	V96		130-131

16. Some of the subjects like Art and Crafts, Sciences, and Languages require practical work. How do you think distance education programmes can cater for this? _____ _____ _____ _____ _____ _____	V97		132-133
	V98		134-135
	V99		136-137

17. Teaching/school practice is an important element in Teacher Education. How do you think this can be catered for in distance education In-service Teacher Education programmes? _____ _____ _____ _____ _____ _____ _____	V100		138-139
	V101		140-141
	V102		142-143
	V103		144-145

18. It is important that quality assurance mechanisms are put in place to ensure that the distance education Teacher Education Programmes in the country are of high quality. Please suggest strategies that you think should be adopted to ensure that this is achieved. _____ _____ _____ _____ _____ _____ _____ _____ _____ _____	V104		146-147
	V105		148-149
	V106		150-151
	V107		152-153

19. If teachers already in service are to enroll on distance education Teacher Education programmes either for retraining or for upgrading, what should be done to ensure these programmes cater for the needs of the teachers and schools? _____ _____ _____ _____ _____ _____ _____	V108 V109 V110 V111	54-155 56-157 58-159 60-161

Section D: Bachelor of Education (B.Ed) External

20. Do you think the following competencies are important to teachers?

	Yes	No		
Communication skills	1	2	V112	162
Critical thinking skills	1	2	V113	163
Problem solving skills	1	2	V114	164
Knowledge of resources required to teach/learn	1	2	V115	165
Knowledge of subject matter	1	2	V116	166
Teaching skills	1	2	V117	167
Designing learning materials	1	2	V118	168
Research skills	1	2	V119	169
Involving community in school	1	2	V120	170
Administering and managing education activities	1	2	V121	171
Curriculum development	1	2	V122	172
Assessing and examining	1	2	V123	173
Others (Specify) _____ _____			V124	74-175

21. Do you think the **B.Ed (External)** of Makerere University helps teachers acquire these competencies? **Yes   No**

	Yes	No		
Communication skills	1	2	V125	176
Critical thinking skills	1	2	V126	177
Problem solving skills	1	2	V127	178

Knowledge of resources required to teach/learn	1	2	
Knowledge of subject matter	1	2	
Teaching skills	1	2	
Designing learning materials	1	2	
Research skills	1	2	
Involving community in school	1	2	
Administering and managing education activities	1	2	
Curriculum development	1	2	
Assessing and examining	1	2	
Others (Specify) _____ _____			

V128 ☐ 179

V129 ☐ 180

V130 ☐ 181

V131 ☐ 182

V132 ☐ 183

V133 ☐ 184

V134 ☐ 185

V135 ☐ 186

V136 ☐ 187

V137 ☐☐ 188-189

22. If your answer to any of the above is **NO**, please give reasons as to why you say the **B.Ed (External)** does not help teachers acquire these competencies

_____
_____
_____
_____
_____
_____
_____
_____

V138 ☐☐ 190-191

V139 ☐☐ 192-193

V140 ☐☐ 194-195

V141 ☐☐ 196-197

V142 ☐☐ 198-199

23. What do you think are the **strengths** of the **B.Ed (External)** with regard to its:
a. **Content of the programme**

_____
_____
_____
_____
_____
_____

V143 ☐☐ 200-201

V144 ☐☐ 202-203

V145 ☐☐ 204-205

b. **Practical Work** (in subjects like Fine Art, Languages; and in teaching practice)

_____
_____
_____
_____
_____
_____

V146 ☐☐ 206-207

V147 ☐☐ 208-209

V148 ☐☐ 210-211

c. Management

_____
_____
_____
_____
_____
_____

d. Study materials provision

_____
_____
_____
_____
_____
_____

e. Student support in a programme (provision of information, face to face sessions, student group meetings, library services, and counselling)

_____
_____
_____
_____
_____
_____

f.   Student Assessment and examinations

_____
_____
_____
_____
_____
_____

V149		212-213
V150		214-215
V151		216-217
V152		218-219
V153		220-221
V154		222-223
V155		224-225
V156		226-227
V157		228-229
V158		230-231
V159		232-233
V160		234-235

24. What do you think are the **weaknesses** of the **B.Ed (External)** with regard to its:

a. Content of the programme

_____
_____
_____
_____
_____
_____

b. Practical Work (in subjects like Fine Art, Languages; and in teaching practice)

_____
_____
_____
_____
_____
_____

c. Management of the programme

_____
_____
_____
_____
_____

V161		236-237
V162		238-239
V163		240-241
V164		242-243
V165		244-245
V166		246-247
V167		248-249
V168		250-251
V169		252-253

d. Study materials development and provision

_____
_____
_____
_____
_____
_____

V170			254-255
V171			256-257
V172			258-259

e. Student support in a programme (provision of information, face to face sessions, student group meetings, library services, and counselling)

_____
_____
_____
_____
_____
_____

V173			260-261
V174			262-263
V175			264-265

f.   Student assessment and examinations

_____
_____
_____
_____
_____
_____

V176			266-267
V177			268-269
V178			270-271

Section E: Information Communication Technology

25. Do you have access to any of the following Information Communication Technology?

	Yes	No
Radio	1	2
Audio Cassette	1	2
Television (TV)	1	2
Video	1	2
Computer	1	2
Internet	1	2

V179		272
V180		273
V181		274
V182		275
V183		276
V184		277

26. If you have access to the Information Communication Technologies, please indicate where you can access this technology.

		Yes	No
Radio	Home	1	2
	Friend's home	1	2
	Relative's home	1	2
	Office	1	2
	Makerere University Centre	1	2
	Other (specify) ———————————		

V185 ☐ 278
V186 ☐ 279
V187 ☐ 280
V188 ☐ 281
V189 ☐ 282
V190 ☐☐ 283-284

		Yes	No
Audio Cassette	Home	1	2
	Friend's home	1	2
	Relative's home	1	2
	Office	1	2
	Makerere University Centre	1	2
	Other (specify) ———————————		

V191 ☐ 285
V192 ☐ 286
V193 ☐ 287
V194 ☐ 288
V195 ☐ 289
V196 ☐☐ 290-291

		Yes	No
Television (TV)	Home	1	2
	Friend's home	1	2
	Relative's home	1	2
	Office	1	2
	Makerere University Centre	1	2
	Other (specify) ———————————		

V197 ☐ 292
V198 ☐ 293
V199 ☐ 294
V200 ☐ 295
V201 ☐ 296
V202 ☐☐ 297-298

		Yes	No		
Computer	Home	1	2	V203	299
	Friend's home	1	2	V204	300
	Relative's home	1	2	V205	301
	Office	1	2	V206	302
	Makerere University Centre	1	2	V207	303
	Other (specify) _____			V208	304-305

		Yes	No		
Internet	Home	1	2	V209	306
	Friend's home	1	2	V210	307
	Relative's home	1	2	V211	308
	Office	1	2	V212	309
	Makerere University Centre	1	2	V213	310
	Other (specify) _____			V214	11-312

27. Which of this Information Communication Technology do you think should be used for the **B.Ed (External) Degree** programme activities?

	Yes	No		
Radio	1	2	V215	313
Audio Cassette	1	2	V216	314
Television (TV)	1	2	V217	315
Video	1	2	V218	316
Computer	1	2	V219	317
Internet	1	2	V220	318
Print	1	2	V221	309

28. Why should the Information Communication Technologies you have chosen in No. 27 above be used? Write your response in the relevant space.

a. Radio

_____ V222 ☐☐ 310-311

_____ V223 ☐☐ 312-313

_____ V224 ☐☐ 314-315

_____

_____

_____

b. Audio Cassette

_____ V225 ☐☐ 316-317

_____ V226 ☐☐ 318-319

_____ V227 ☐☐ 320-321

_____

_____

_____

c. Television (TV)

_____ V228 ☐☐ 322-323

_____ V229 ☐☐ 324-325

_____ V230 ☐☐ 326-327

_____

_____

d. Video

_____ V231 ☐☐ 328-329

_____ V232 ☐☐ 330-331

_____ V233 ☐☐ 332-333

_____

_____

e. Internet

_____ V234 ☐☐ 334-335

_____

_____ V235 ☐☐ 336-337

_____ V236 ☐☐ 338-339

_____

_____

f. Print

_____ V237 ☐☐ 340-341

_____

_____ V238 ☐☐ 342-343

_____

_____ V239 ☐☐ 344-345

29. How do you think the integration of Information Communication Technology in the B.Ed External should be financed?

	Yes	No
From tuition fees being charged	1	2
From additional charges	1	2
From government subsidies	1	2
From Donor community	1	2
Local Community support	1	2
Other sources (specify) _____ _____		

V240   346
V241   347
V242   348
V243   349
V244   350
V245   351-352

Section F: General Comments

30. Please give general comments you may have with regard to each of the following:

   a) Distance Education for Teacher Education

_____
_____
_____
_____
_____
_____
_____
_____
_____

V246   353-354
V247   355-356
V248   357-358
V249   359-360
V250   361362
V251   363-364

   b) Use of Information Communication Technologies for Distance Education Teacher Education programmes in Uganda

_____
_____
_____
_____
_____
_____
_____
_____
_____

V252   365-366
V253   367-368
V254   369-370
V255   371-372
V256   373-374
V257   375-376

THANK YOU

APPENDIX III
QUESTIONNAIRE FOR DISTANCE EDUCATION STUDENTS

20th October 2002

Dear Sir/Madam,

RESEARCH QUESTIONNAIRE

I am currently registered with the University of Pretoria for a PhD in Curriculum
Instruction and Teaching. This questionnaire is part of a study that is meant to
examine the distance education model being used in the provision of In-service
Teacher Education for Secondary School Teachers in Uganda and to identify ways in
which this model can be improved and Information Communication Technologies
integrated.

As a student on the External Degree programme, you must have a lot to contribute to
this study; so please respond to the questions in the attached questionnaire as
honestly as possible. Your responses will be treated with utmost confidentiality and
will not be used against anyone.

Thank you for your cooperation and support.

Yours Sincerely

Jessica N. Aguti
PhD Student

QUESTIONNAIRE FOR DISTANCE EDUCATION STUDENTS

Instructions:
For each question, please tick (✓) or fill in the blanks as necessary

	For official use	
1. Respondent number	V1 [ ][ ][ ] 1-3	
Section A: Personal Information		
2. Age _____Years	V2 [ ][ ] 4-5	
3. Gender	Female	1		V3 [ ] 6
	Male	2		

4. Work Place

		V4 [ ][ ] 7-8
Pre-primary school	1	
Primary School	2	
Secondary school	3	
Primary Teachers' College	4	
Education office	5	
Others (specify) _____		V5 [ ][ ] 9-10

5. Position

		V6 [ ][ ] 11-12
Head Teacher	1	
Head of Department	2	
Teacher	3	
Inspector of Schools	4	
Education officer	5	
Assistant Education officer	6	
Other (Specify) _____		V7 [ ][ ] 13-14

Section B: Potential Of Distance Education

6. Do you think Distance Education has the potential to meet educational needs in Uganda?   **Yes   No**
     [1 | 2]

V8 [ ]   15

7. If **Yes**, which of these fields of specialisation do you think could be served by distance education?

	Yes	No
Education	1	2
Law	1	2
Social Sciences	1	2
Arts Courses	1	2
Science Courses	1	2
Engineering	1	2
Medicine	1	2

Other (Specify)
_____
_____

V9   16
V10   17
V11   18
V12   19
V13   20
V14   21
V15   22
V16   23-24

8. If your answer to any of the items in question 7 above was **NO**, why do you think distance education cannot be used to offer those courses?
_____
_____
_____
_____
_____
_____

V17   25-26
V18   27-28
V19   29-30

9. Do you think government needs to come up with a clear policy on Distance and Open Learning?   **Yes No**

1	2

V20   31

10. If your answer to question 9 was yes, which issues do you think should be highlighted in such a policy?
_____
_____
_____
_____

V21   32-33
V22   34-35
V23   36-37

11. In your opinion, do the following factors impact on distance education in Uganda?   **Yes No**

	Yes	No
Expertise in distance education	1	2
Government policy on distance education	1	2
Institutional policies on distance education	1	2

V24   38-39
V25   40-41
V26   42-43

Finance	1	2	V27		44-45
Access to technology in the country	1	2	V28		46-47
Management and administrative systems	1	2	V29		48-49
Attitudes towards distance education	1	2			
Other (Specify)			V30		50-51
_____					
_____			V31		52-53

Section C: Teacher Education by Distance Programmes

12. Have you participated in any of the following Distance Education Teacher Training Programmes?

	Yes	No			
MITEP	1	2			
NITEP	1	2	V32		54
TDMS Headteacher Training programme	1	2	V33		55
			V34		56
TDMS Grade III Teachers' Course	1	2	V35		57
TDMS Outreach Tutor Training	1	2	V36		58
Kyambogo University Diploma In Primary Education	1	2	V37		59
Makerere University B.Sc. (External)	1	2	V38		60
Other (Specify)					
_____			V39		61
_____					

13. In what capacity did you participate in these programmes?

		Yes	No			
MITEP	Student	1	2	V40		62
	Tutor	1	2	V41		63
	Manager	1	2	V42		64
	Trainer	1	2	V43		65
	Writer	1	2	V44		66

		Yes	No		
NITEP	Student	1	2	V45	67
	Tutor	1	2	V46	68
	Manager	1	2	V47	69
	Trainer	1	2	V48	70
	Writer	1	2	V49	71

		Yes	No		
TDMS Headteacher Training programme	Student	1	2	V50	72
	Tutor	1	2	V51	73
	Manager	1	2	V52	74
	Trainer	1	2	V53	75
	Writer	1	2	V54	76

		Yes	No		
TDMS Grade III Teachers' Course	Student	1	2	V55	77
	Tutor	1	2	V56	78
	Manager	1	2	V57	79
	Trainer	1	2	V58	80
	Writer	1	2	V59	81

		Yes	No		
Kyambogo University Diploma in Pr. Ed.	Student	1	2	V60	82
	Tutor	1	2	V61	83
	Manager	1	2	V62	84
	Trainer	1	2	V63	85
	Writer	1	2	V64	86

		Yes	No			
Makerere University	Student	1	2	V65		87
	Tutor	1	2	V66		88
	Manager	1	2	V67		89
	Trainer	1	2	V68		90
	Writer	1	2	V69		91

		Yes	No			
Other (Specify) _____	Student	1	2	V70		92
	Tutor	1	2	V71		93
	Manager	1	2	V72		94
	Trainer	1	2	V73		95
	Writer	1	2	V74		96

14. List below the **strengths** of the programmes you have participated in.

_____
_____
_____
_____
_____
_____
_____
_____

V75			97-98
V76			99-100
V77			101-102
V78			103-104
V79			105-106

15. List below the **weaknesses** of the programmes you have participated in.

_____
_____
_____
_____
_____
_____
_____
_____

V80			107-108
V81			109-110
V82			111-112
V83			113-114
V84			115-116

16. What do you think could be done to improve these programmes and enhance their:
 a. **Management**

_____
_____
_____

V85			117-118
V86			119-120

_____
_____

b. Study materials provision
_____
_____
_____
_____

c. Student Support (provision of information, face to face sessions, student group meetings, library services, and counselling)
_____
_____
_____
_____

d. Assessment and examinations
_____
_____
_____
_____

V87		121-122
V88		123-124
V89		125-126
V90		127-128
V91		129-130
V92		132-133
V93		134-135
V94		136-137
V95		138-139
V96		140-141

Section D: Bachelor of Education External

17. Why did you join the **B.Ed (External)** Degree Programme?

To improve my teaching skills	1
To keep up-to-date with new methods of teaching	2
To gain more knowledge on the teaching subjects	3
To obtain promotion	4
To ensure job security	5
To gain higher qualification	6
Other (Specify) _____	

V97		142-143
V98		143-144
V99		145-146
V100		147-148
V101		149-150
V103		151-152
V104		153-154

18. Do you think the following competencies are important to teachers?

	Yes	No
Communication skills	1	2
Critical thinking skills	1	2
Problem solving skills	1	2

V105		155
V106		156
V107		157

Knowledge of resources required to teach/learn	1	2		V108	158
Knowledge of subject matter	1	2		V109	159
Teaching skills	1	2		V110	160
Designing learning materials	1	2		V111	161
Research skills	1	2		V112	162
Involving the community in the school	1	2		V113	163
Administering and managing education activities	1	2		V114	164
Curriculum development				V115	165
Assessing and examining				V116	166
Others _____				V117	-168

19. Do you think the **B.Ed (External)** of Makerere University helps teachers acquire these competencies?   **Yes   No**

Communication skills	1	2		V118	169
Critical thinking skills	1	2		V119	170
Problem solving skills	1	2		V120	171
Knowledge of resources required to teach/learn	1	2		V121	172
Knowledge of subject matter	1	2		V122	173
Teaching skills	1	2		V123	174
Designing learning materials	1	2		V124	175
Research skills	1	2		V125	176
Involving community in school	1	2		V126	177
Administering and managing education activities	1	2		V127	178
Curriculum development	1	2		V128	179
Assessing and examining	1	2		V129	180
Other (Specify) _____				V130	182-183

20. If your answer to any of the above is **NO**, please give reasons as to why you say the **B.Ed (External)** does not help teachers acquire these competencies _____ _____ _____ _____ _____ _____ _____	V131		184-185
	V132		186-187
	V133		188-189
	V134		190-191
	V135		192-193
21. What do you think are the **strengths** of B.Ed. (External) with regard to the: **a. Content of the programmes** _____ _____ _____ _____ _____	V136		194-195
	V137		196-197
	V138		198-199
b. Practical Work (in subjects like fine art, languages; and teaching practice) _____ _____ _____ _____	V139		200-201
	V140		202-203
	V141		204-205
c. Management _____ _____ _____ _____	V142		206-207
	V143		208-209
	V144		210-211
d. Study materials provision _____ _____ _____ _____	V145		212-213
	V146		214-215
	V147		216-217
e. Student support (provision of information, face to face sessions, student group meetings, library services, and counselling) _____ _____ _____ _____	V148		218-219
	V149		220-221
	V150		222-223
f. Assessment and examinations _____ _____ _____ _____ _____	V151		224-225
	V152		226-227
	V153		228-229

22. What do you think are the **weaknesses** of the B.Sc. and B.Ed. (External) with regard to the:		

22. What do you think are the **weaknesses** of the B.Sc. and B.Ed. (External) with regard to the:

a. **Content of the programmes**

_____
_____
_____
_____
_____

V154			230-231
V155			232-233
V156			234-235

b. **Practical Work** (in subjects like fine art, languages; and teaching practice)

_____
_____
_____
_____
_____

V157			236-237
V158			238-239
V159			240-241

c. **Management of the programme**

_____
_____
_____
_____

V160			242-243
V161			244-245
V162			246-247

d. **Study materials provision**

_____
_____
_____
_____

V163			248-249
V164			250-251
V165			252-253

e. **Student support** (provision of information, face to face sessions, student group meetings, library services, and counselling)

_____
_____
_____
_____

V166			254-255
V167			256-257
V168			258-259

f. **Assessment and examinations**

_____
_____
_____
_____
_____

V169			260-261
V170			262-263
V171			264-265

Section E: Information Communication Technologies

23. Do you have access to any of the following Information Communication Technologies?

	Yes	No
Radio	1	2
Audio Cassette	1	2
Television (TV)	1	2

V172		266
V173		267
V174		268

Video	1	2	
Computer	1	2	
Internet	1	2	

V175			269
V176			270
V177			271

24. If you have access to the Information Communication Technologies, please indicate where you can access this technology. **Yes   No**

Radio	Home	1	2
	Friend's home	1	2
	Relative's home	1	2
	Office	1	2
	Makerere University Centre	1	2
	Other (specify) _____		

V178		272
V179		273
V180		274
V181		275
V182		276
V183		277-278

Yes   No

Audio Cassette	Home	1	2
	Friend's home	1	2
	Relative's home	1	2
	Office	1	2
	Makerere University Centre	1	2
	Other (specify) _____		

V184		278
V185		279
V186		280
V187		281
V188		282
V189		283

Yes   No

Television (TV)	Home	1	2
	Friend's home	1	2
	Relative's home	1	2
	Office	1	2
	Makerere University Centre	1	2
	Other (specify) _____		

V190		284
V191		285
V192		286
V193		287
V194		288
V195		289

		Yes	No
Computer	Home	1	2
	Friend's home	1	2
	Relative's home	1	2
	Office	1	2
	Makerere University Centre	1	2
	Other (specify) ———————————		

V196 ☐ 290
V197 ☐ 291
V198 ☐ 292
V199 ☐ 293
V200 ☐ 294
V201 ☐ 295

		Yes	No
Internet	Home	1	2
	Friend's home	1	2
	Relative's home	1	2
	Office	1	2
	Makerere University Centre	1	2
	Other (specify) ———————————		

V202 ☐ 296
V203 ☐ 297
V204 ☐ 298
V205 ☐ 299
V206 ☐ 300
V207 ☐ 301

25. Which of this Information Communication Technologies do you think should be used for the **B.Ed (External) Degree** programme activities?

	Yes	No
Radio	1	2
Audio Cassette	1	2
Television (TV)	1	2
Video	1	2
Computer	1	2
Internet	1	2
Print	1	2

V208 ☐ 302
V209 ☐ 303
V210 ☐ 304
V211 ☐ 305
V212 ☐ 306
V213 ☐ 307
V214 ☐ 308

26. For which B.Ed (External) activities should the Information Communication Technologies you have chosen in No. 25 above be used? Write your response in the relevant space.

a. Radio

_____
_____
_____
_____
_____

V215			309-310
V216			311-312
V217			313-314

b. Audio Cassette

_____
_____
_____
_____

V218			315-316
V219			317-318
V220			319-320

c. Television (TV)

_____
_____
_____
_____

V221			321-322
V222			323-324
V223			325-326

d. Video

_____
_____
_____
_____

V224			327-328
V225			329-330
V226			331-332

e. Computer

_____
_____
_____
_____
_____

V227			333-334
V228			335-336
V229			337-338

f. Internet

_____
_____
_____
_____
_____

V230			339-340
V231			341-342
V232			343-344

g. Print

_____
_____
_____
_____

V233			345-346
V234			347-348
V235			349-350

27. How do you think the integration of Information Communication Technologies in the B.Ed (External) should be financed?	Yes	No		
From tuition fees being charged	1	2	V236	351
From additional charges	1	2	V237	352
From government subsidies	1	2	V238	353
From Donor community	1	2	V239	354
Local Community support	1	2	V240	355
Other sources (specify) _____ _____			V241	356

Section F: General Comments

28. Please give general comments you may have with regard to each of the following:

a) Distance Education for Teacher Education

_____

V242	357-358
V243	359-360
V244	361-362
V245	363-364
V246	365-366
V247	367-368

b) Use of Information Communication Technologies for Distance Education Teacher Education programmes in Uganda

_____

V254	1-382
V255	3-384
V256	5-386
V257	7-388
V258	9-390
V259	1-392

THANK YOU

APPENDIX IV
QUESTIONNAIRE FOR PROSPECTIVE B.ED (EXTERNAL) DEGREE
PROGRAMME

20th October 2002

Dear Sir/Madam,

RESEARCH QUESTIONNAIRE

I am currently registered with the University of Pretoria for a PhD in Curriculum
Instruction and Teaching. This questionnaire is part of a study that is meant to
examine the distance education model being used in the provision of In-service
Teacher Education for Secondary School Teachers in Uganda and to identify ways in
which this model can be improved and Information Communication Technologies
integrated.

As a prospective student of the External Degree programme, you must have a lot to
contribute to this study; so please respond to the questions in the attached
questionnaire as honestly as possible. Your responses will be treated with utmost
confidentiality and will not be used against anyone.

Thank you for your cooperation and support.

Yours Sincerely

Jessica N. Aguti
PhD Student

QUESTIONNAIRE FOR PROSPECTIVE B.ED (EXTERNAL) DEGREE PROGRAMME

Instructions:
For each question, please tick (✔) or fill in the blanks as necessary

	For official use
1. Respondent number	V1 ☐☐☐ 1-3
Section A: Personal Information	
2. Age _____Years	V2 ☐☐ 4-5
3. Gender Female 1 Male 2	V3 ☐ 6
4. Work Place Pre-primary school 1 Primary School 2 Secondary school 3 Primary Teachers' College 4 Education office 5 Others (specify) _____	V4 ☐☐ 7-8 V5 ☐☐ 9-10
5. Position Head Teacher 1 Head of Department 2 Teacher 3 Inspector of Schools 4 Education officer 5 Assistant Education officer 6 Other (Specify) _____ _____	V6 ☐☐ 11-12 V7 ☐☐ 13-14

Section B: Potential Of Distance Education	
6. Do you think Distance Education has the potential to meet educational needs in Uganda? **Yes** **No** 1 2	V8 ☐ 15
7. If **Yes**, which of these fields of specialisation do you think could be served by distance education? **Yes** **No** Education 1 2 Law 1 2 Social Sciences 1 2 Arts Courses 1 2 Science Courses 1 2 Engineering 1 2 Medicine 1 2 Other (Specify) _____	V9 ☐ 16 V10 ☐ 17 V11 ☐ 18 V12 ☐ 19 V13 ☐ 20 V14 ☐ 21 V15 ☐ 22 V16 ☐ 23
8. If your answer to any of the items in question 7 above was **NO**, why do you think distance education cannot be used to offer those courses? _____ _____ _____ _____ _____ _____ _____ _____	V17 ☐☐ 25 V18 ☐☐ 27 V19 ☐☐ 29
9. Do you think government needs to come up with a clear policy on Distance and Open Learning? **Yes** **No** 1 2	V20 ☐ 30
10. If your answer to question 9 was **Yes**, which issues do you think should be highlighted in such a policy? _____ _____ _____ _____ _____ _____	V21 ☐☐ 32 V22 ☐☐ 34 V23 ☐☐ 36

11. In your opinion, do the following factors impact distance
    education in Uganda?   **Yes   No**

Expertise in distance education	1	2
Government policy on distance education	1	2
Institutional policies on distance education	1	2
Finance	1	2
Access to technology in the country	1	2
Management and administrative systems	1	2
Attitudes towards distance education	1	2
Other (Specify) _____		

V24   38-39
V25   40-41
V26   42-43
V27   44-45
V28   46-47
V29   48-49
V30   50-51
V31   52-53

Section C: Teacher Education by Distance Programmes

12. Have you participated in any of the following Teacher
Education Programmes?   **Yes   No**

MITEP	1	2
NITEP	1	2
TDMS Headteacher Training programme	1	2
TDMS Grade III Teachers' Course	1	2
TDMS Outreach Tutor Training	1	2
Kyambogo University Diploma In Primary Education	1	2
Other (Specify) _____		

V32   54
V33   55
V34   56
V35   57
V36   58
V37   59
V38   60-61

If your answer to all the above was NO, go to question 17

13. In what capacity did you participate in these programmes?

MITEP		Yes	No		
MITEP	Student	1	2	V39	62
	Tutor	1	2	V40	63
	Manager	1	2	V41	64
	Trainer	1	2		
	Writer	1	2	V42	65

		Yes	No		
				V43	66
NITEP	Student	1	2		
	Tutor	1	2	V44	67
	Manager	1	2	V45	68
	Trainer	1	2	V46	69
	Writer	1	2	V47	70
				V48	71

		Yes	No		
TDMS Headteacher Training programme	Student	1	2	V49	72
	Tutor	1	2		
	Manager	1	2	V50	73
	Trainer	1	2	V51	74
	Writer	1	2	V52	75
				V53	76

		Yes	No		
TDMS Grade III Teachers' Course	Student	1	2		
	Tutor	1	2	V54	77
	Manager	1	2	V55	78
	Trainer	1	2	V56	79
	Writer	1	2	V57	80
				V58	81

		Yes	No			
Kyambogo University Diploma in Pr. Ed.	Student	1	2	V59		82
	Tutor	1	2	V60		83
	Manager	1	2	V61		84
	Trainer	1	2	V62		85
	Writer	1	2	V63		86

		Yes	No			
Other (Specify) _____	Student	1	2	V64		87
	Tutor	1	2	V65		88
	Manager	1	2	V66		89
	Trainer	1	2	V67		90
	Writer	1	2	V68		91

14. List below the **strengths** of the programmes you have participated in.

_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

V69			92-93
V70			94-95
V71			96-97
V72			98-99
V73			100-101

15. List below the **weaknesses** of the programmes you have participated in.

_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

V74			102-103
V75			104-105
V76			106-107
V77			108-109
V78			110-111

16. What do you think could be done to improve these programmes and enhance their: **a. Management** _____ _____ _____ _____ _____ **b. Study materials provision** _____ _____ _____ _____ _____ **c. Student support** (provision of information, face to face sessions, student group meetings, library services, and counselling) _____ _____ _____ _____ _____ **d. Assessment and examinations** _____ _____ _____ _____ _____	V79 ⬚⬚ 112-113 V80 ⬚⬚ 114-115 V81 ⬚⬚ 116-117 V82 ⬚⬚ 118-119 V83 ⬚⬚ 120-121 V84 ⬚⬚ 122-123 V85 ⬚⬚ 123-124 V86 ⬚⬚ 125-126 V87 ⬚⬚ 127-128 V88 ⬚⬚ 129-130 V89 ⬚⬚ 131-132 V90 ⬚⬚ 133-134
Section D: Bachelor of Education (B.Ed) External	
17. If given opportunity, would you join the Makerere University **B.Ed (External)** Degree Programme? 　　　　　　　　　　**Yes**　　　　**No** 　　　　　　　　　　⬚　　　　⬚	V91 ⬚ 136
18. If your answer to question 17 was **Yes,** why would you join the Makerere University **B.Ed (External)** Degree Programme?	

		V92 ⬚ 137
To improve my teaching skills	1	
To keep up-to-date with new methods of teaching	2	V93 ⬚ 138
To gain more knowledge on the teaching subjects	3	V94 ⬚ 139
To obtain promotion	4	V95 ⬚ 140
To ensure job security	5	V96 ⬚ 141

To gain higher qualification	6		V97		142
Other (Specify) _____			V98		143-144

---

19. If your answer to question 17 was **NO,** please explain why you would not join the **B.Ed (External).**

_____
_____
_____
_____
_____
_____
_____

V99		145-146
V100		147-148
V101		149-150

---

20. List here below competencies that you think are important to teachers?

_____
_____
_____
_____
_____
_____
_____
_____

V102		151-152
V103		153-154
V104		155-156
V105		157-158
V106		159-160

---

21. a) Do you think the **B.Ed (External)** of Makerere University would help you acquire these competencies?

	Yes	**No**
	1	2

V107 | | 161

b) Explain your answer

_____
_____
_____
_____
_____
_____

V108		162-163
V109		164-165
V110		166-167
V111		168-169

---

22. Do you know any teachers who are enrolled on the Makerere **B.Ed (External)** Degree programme?

	Yes	**No**
	1	2

V114 | | 170

---

23. If you answer to question 22 is **Yes,** please indicate some of the problems you think these students are facing.

_____
_____
_____
_____

V115		171-172
V116		173-174

_____ _____ _____ _____	V117	175-176

24. How do you think, these students can be helped in their studies as **B.Ed (External)** students?

_____
_____
_____
_____
_____
_____
_____

V118		177-178
V119		179-180
V120		181-182

Section E: Information Communication Technology

25. Do you have access to any of the following Information Communication Technologies?　　**Yes**　　**No**

	Yes	No
Radio	1	2
Audio Cassette	1	2
Television (TV)	1	2
Video	1	2
Computer	1	2
Internet	1	2

V121	183
V122	184
V123	185
V124	186
V125	187
V126	188

26. If you have access to the Information Communication Technologies, please indicate where you can access this technology.　　　　　　　　　　**Yes**　**No**

		Yes	No
Radio	Home	1	2
	Friend's home	1	2
	Relative's home	1	2
	Office	1	2
	Makerere University Centre	1	2
	Other (specify) _____		

V127	189
V128	190
V129	191
V130	192
V131	193
V132	194-195

		Yes	No			
Audio Cassette	Home	1	2	V133		196
	Friend's home	1	2	V134		197
	Relative's home	1	2	V135		198
	Office	1	2	V136		199
	Makerere University Centre	1	2	V137		200
	Other (specify) _____			V138		201-202

		Yes	No			
Television (TV)	Home	1	2	V139		203
	Friend's home	1	2	V140		204
	Relative's home	1	2	V141		205
	Office	1	2	V142		206
	Makerere University Centre	1	2	V143		207
	Other (specify) _____			V144		208-209

		Yes	No			
Computer	Home	1	2	V145		210
	Friend's home	1	2	V146		211
	Relative's home	1	2	V147		212
	Office	1	2	V148		213
	Makerere University Centre	1	2	V149		214
	Other (specify) _____			V150		215-216

		Yes	No		
Internet	Home	1	2	V151	217
	Friend's home	1	2	V152	218
	Relative's home	1	2	V153	219
	Office	1	2	V154	220
	Makerere University Centre	1	2	V155	221
	Other (specify) _____			V156	222-223

27. Which of this Information Communication Technologies do you think should be used for **B.Ed (External) Degree** programme activities?

	Yes	No		
Radio	1	2	V157	224
Audio Cassette	1	2	V158	225
Television (TV)	1	2	V159	226
Video	1	2	V160	227
Computer	1	2	V161	228
Internet	1	2	V162	229
Print	1	2	V163	230

28. How should the Information Communication Technologies you have chosen in No. 24 above be used? Write your response in the relevant space.

a.   Radio

_____
_____
_____
_____
_____
_____

V164   231-232
V165   233-234
V166   235-236

b.   Audio Cassette

_____
_____
_____
_____
_____
_____

V167   237-238
V168   239240
V169   241-242

c. Television (TV)	V170	243-244
_____	V171	245-246
_____		
_____	V172	247-248
_____		
_____		
d. Video	V173	249-250
_____	V174	251-252
_____		
_____	V175	253-254
_____		
e. Computers		
_____	V176	255-256
_____	V177	257-258
_____		
_____	V178	259-260
f. Internet		
_____	V176	261-262
_____		
_____	V177	263-264
_____		
_____	V178	265-266

29. How do you think the integration of Information Communication Technologies in the **B.Ed (External)** should be financed?

	Yes	No		
From tuition fees being charged	1	2	V192	267
From additional charges	1	2	V193	268
From government subsidies	1	2	V194	269
From Donor community	1	2	V195	270
Local Community support	1	2	V196	271
Other sources (specify) _____ _____			V197	272-273

Section F: General Comments			
30. Please give general comments you may have with regard to each of the following:			
a) Distance Education for Teacher Education _____ _____ _____ _____ _____ _____ _____ _____ _____ _____	V198		274-275
	V199		276-277
	V200		278-279
	V201		280-281
	V202		282-283
b) Use of Information Communication Technologies for Distance Education Teacher Education programmes in Uganda _____ _____ _____ _____ _____ _____ _____ _____ _____ _____	V203		284-285
	V204		286-287
	V205		288-289
	V206		290-291
	V207		292-293
	V208		294-295

THANK YOU

APPENDIX V
QUESTIONNAIRE FOR DISTANCE EDUCATION STUDENTS [B.SC]

20th October 2002

Dear Sir/Madam,

RESEARCH QUESTIONNAIRE

I am currently registered with the University of Pretoria for a PhD in Curriculum
Instruction and Teaching. This questionnaire is part of a study that is meant to
examine the distance education model being used in the provision of In-service
Teacher Education for Secondary School Teachers in Uganda and to identify ways in
which this model can be improved and Information Communication Technologies
integrated.

As a student on the External Degree programme, you must have a lot to contribute to
this study; so please respond to the questions in the attached questionnaire as
honestly as possible. Your responses will be treated with utmost confidentiality and
will not be used against anyone.

Thank you for your cooperation and support.

Yours Sincerely

Jessica N. Aguti
PhD Student

QUESTIONNAIRE FOR DISTANCE EDUCATION STUDENTS [B.SC]

Instructions:
For each question, please tick (✓) or fill in the blanks as necessary

		For official use
1. Respondent number		V1 [ ][ ][ ] 1-3
Section A: Personal Information		
2. Age _____Years		V2 [ ][ ] 4-5
3. Gender	Female — 1 Male — 2	V3 [ ] 6

4. Work Place

Pre-primary school	1
Primary School	2
Secondary school	3
Primary Teachers' College	4
Education office	5
Others (specify) _____	

V4 [ ][ ] 7-8

V5 [ ][ ] 9-10

5. Position

Head Teacher	1
Head of Department	2
Teacher	3
Inspector of Schools	4
Education officer	5
Assistant Education officer	6
Other (Specify) _____	

V6 [ ][ ] 11-12

V7 [ ][ ] 13-14

Section B: Potential Of Distance Education

6. Do you think Distance Education has the potential to meet educational needs in Uganda?   **Yes** **No**

Yes	No
1	2

V8 [ ] 15

7. If **Yes**, which of these fields of specialisation do you think could be served by distance education?

	Yes	No
Education	1	2
Law	1	2
Social Sciences	1	2
Arts Courses	1	2
Science Courses	1	2
Engineering	1	2
Medicine	1	2
Other (Specify) _____		

V9		16
V10		17
V11		18
V12		19
V13		20
V14		21
V15		22
V16		23-24

8. If your answer to any of the items in question 7 above was **NO**, why do you think distance education cannot be used to offer those courses?

_____
_____
_____
_____
_____
_____

V17		25-26
V18		27-28
V19		29-30

9. Do you think government needs to come up with a clear policy on Distance and Open Learning?

Yes	No
1	2

V20 ☐ 31

10. If your answer to question 9 was yes, which issues do you think should be highlighted in such a policy?

_____
_____
_____
_____
_____

V21		32-33
V22		34-35
V23		36-37

11. In your opinion, do the following factors impact on distance education in Uganda?

	Yes	No
Expertise in distance education	1	2
Government policy on distance education	1	2
Institutional policies on distance education	1	2

V24		38-39
V25		40-41
V26		42-43

Finance	1	2	V27		44-45
Access to technology in the country	1	2	V28		46-47
Management and administrative systems	1	2	V29		48-49
Attitudes towards distance education	1	2			
Other (Specify)			V30		50-51
_____ _____			V31		52-53

Section C: Teacher Education by Distance Programmes

12. Have you participated in any of the following Distance Education Teacher Training Programmes?   **Yes   No**

	Yes	No			
MITEP	1	2			
NITEP	1	2	V32		54
TDMS Headteacher Training programme	1	2	V33		55
			V34		56
TDMS Grade III Teachers' Course	1	2	V35		57
TDMS Outreach Tutor Training	1	2	V36		58
Kyambogo University Diploma In Primary Education	1	2	V37		59
Makerere University B.Sc. (External)	1	2	V38		60
Other (Specify)					
_____ _____			V39		61

13. In what capacity did you participate in these programmes?

		Yes	No		
MITEP	Student	1	2		
	Tutor	1	2	V40	62
	Manager	1	2	V41	63
	Trainer	1	2	V42	64
	Writer	1	2	V43	65
				V44	66

		Yes	No
NITEP	Student	1	2
	Tutor	1	2
	Manager	1	2
	Trainer	1	2
	Writer	1	2

V45		67
V46		68
V47		69
V48		70
V49		71

		Yes	No
TDMS Headteacher Training programme	Student	1	2
	Tutor	1	2
	Manager	1	2
	Trainer	1	2
	Writer	1	2

V50		72
V51		73
V52		74
V53		75
V54		76

		Yes	No
TDMS Grade III Teachers' Course	Student	1	2
	Tutor	1	2
	Manager	1	2
	Trainer	1	2
	Writer	1	2

V55		77
V56		78
V57		79
V58		80
V59		81

		Yes	No
Kyambogo University Diploma in Pr. Ed.	Student	1	2
	Tutor	1	2
	Manager	1	2
	Trainer	1	2
	Writer	1	2

V60		82
V61		83
V62		84
V63		85
V64		86

		Yes	No
Makerere University	Student	1	2
	Tutor	1	2
	Manager	1	2
	Trainer	1	2
	Writer	1	2

V65		87
V66		88
V67		89
V68		90
V69		91

		Yes	No
Other (Specify) _____	Student	1	2
	Tutor	1	2
	Manager	1	2
	Trainer	1	2
	Writer	1	2

V70		92
V71		93
V72		94
V73		95
V74		96

14. List below the **strengths** of the programmes you have participated in.

_____
_____
_____
_____
_____
_____
_____
_____

V75			97-98
V76			99-100
V77			101-102
V78			103-104
V79			105-106

15. List below the **weaknesses** of the programmes you have participated in.

_____
_____
_____
_____
_____
_____
_____
_____

V80			107-108
V81			109-110
V82			111-112
V83			113-114
V84			115-116

16. What do you think could be done to improve these programmes and enhance their:
    a. **Management**

_____
_____
_____

| V85 | | | 117-118 |
| V86 | | | 119-120 |

_____
_____

b. Study materials provision

_____
_____
_____
_____

c. Student Support (provision of information, face to face sessions, student group meetings, library services, and counselling)

_____
_____
_____
_____

d. Assessment and examinations

_____
_____
_____
_____

V87		121-122
V88		123-124
V89		125-126
V90		127-128
V91		129-130
V92		132-133
V93		134-135
V94		136-137
V95		138-139
V96		140-141

Section D: Bachelor of Education (B.Sc.) External

17. Why did you join the **B.Sc. (External)** Degree Programme?

To improve my teaching skills	1
To keep up-to-date with new methods of teaching	2
To gain more knowledge on the teaching subjects	3
To obtain promotion	4
To ensure job security	5
To gain higher qualification	6
Other (Specify) _____	

V97		142-143
V98		143-144
V99		145-146
V100		147-148
V101		149-150
V103		151-152
V104		153-154

18. Do you think the following competencies are important to teachers?

	Yes	No
Communication skills	1	2
Critical thinking skills	1	2
Problem solving skills	1	2

V105		155
V106		156
V107		157

	Yes	No			
Knowledge of resources required to teach/learn	1	2	V108		158
Knowledge of subject matter	1	2	V109		159
Teaching skills	1	2	V110		160
Designing learning materials	1	2	V111		161
Research skills	1	2	V112		162
Involving the community in the school	1	2	V113		163
Administering and managing education activities	1	2	V114		164
Curriculum development			V115		165
Assessing and examining			V116		166
Others _____			V117		7-168

19. Do you think the **B.Ed (External)** of Makerere University helps teachers acquire these competencies?   **Yes   No**

	Yes	No			
Communication skills	1	2	V118		169
Critical thinking skills	1	2	V119		170
Problem solving skills	1	2	V120		171
Knowledge of resources required to teach/learn	1	2	V121		172
Knowledge of subject matter	1	2	V122		173
Teaching skills	1	2	V123		174
Designing learning materials	1	2	V124		175
Research skills	1	2	V125		176
Involving community in school	1	2	V126		177
Administering and managing education activities	1	2	V127		178
Curriculum development	1	2	V128		179
Assessing and examining	1	2	V129		180
Other (Specify) _____			V130		182-183

20. If your answer to any of the above is **NO**, please give reasons as to why you say the **B.Ed (External)** does not help teachers acquire these competencies _____ _____ _____ _____ _____ _____	V131		184-185
	V132		186-187
	V133		188-189
	V134		190-191
	V135		192-193
21. What do you think are the **strengths** of the B.Sc. and B.Ed. (External) with regard to the: **a. Content of the programmes** _____ _____ _____ _____	V136		194-195
	V137		196-197
	V138		198-199
b. Practical Work (in the science subjects) _____ _____ _____ _____	V139		200-201
	V140		202-203
	V141		204-205
c. Management _____ _____ _____ _____	V142		206-207
	V143		208-209
	V144		210-211
d. Study materials provision _____ _____ _____ _____	V145		212-213
	V146		214-215
e. Student support (provision of information, face to face sessions, student group meetings, library services, and counselling) _____	V147		216-217
	V148		218-219
_____ _____ _____	V149		220-221
f. Assessment and examinations	V150		222-223
_____	V151		224-225
_____ _____	V152		226-227
_____ _____	V153		228-229

22. What do you think are the **weaknesses** of the B.Sc. and B.Ed.
    (External) with regard to the:
a. **Content of the programmes**

_____
_____
_____
_____
_____

V154		230-231
V155		232-233
V156		234-235

b. **Practical Work** (in the science subjects)

_____
_____
_____
_____
_____

V157		236-237
V158		238-239
V159		240-241

c. **Management of the programme**

_____
_____
_____
_____
_____

V160		242-243
V161		244-245
V162		246-247

d. **Study materials provision**

_____
_____
_____
_____
_____

V163		248-249
V164		250-251
V165		252-253

e. **Student support** (provision of information, face to face
   sessions, student group meetings, library services, and
   counselling)

_____
_____
_____
_____
_____

V166		254-255
V167		256-257
V168		258-259

f. **Assessment and examinations**

_____
_____
_____
_____
_____

V169		260-261
V170		262-263
V171		264-265

Section E: Information Communication Technologies

23. Do you have access to any of the following Information
    Communication Technologies?

	Yes	**No**
Radio	1	2
Audio Cassette	1	2
Television (TV)	1	2
Video	1	2

V172		266
V173		267
V174		268
V175		269

Computer	1	2		V176		270
Internet	1	2		V177		271

24. If you have access to the Information Communication Technologies, please indicate where you can access this technology.

Radio		**Yes**	**No**			
Radio	Home	1	2	V178		272
	Friend's home	1	2	V179		273
	Relative's home	1	2	V180		274
	Office	1	2	V181		275
	Makerere University Centre	1	2	V182		276
	Other (specify) _____			V183		277-278

Audio Cassette		**Yes**	**No**			
Audio Cassette	Home	1	2	V184		278
	Friend's home	1	2	V185		279
	Relative's home	1	2	V186		280
	Office	1	2	V187		281
	Makerere University Centre	1	2	V188		282
	Other (specify) _____			V189		283

Television (TV)		**Yes**	**No**			
Television (TV)	Home	1	2	V190		284
	Friend's home	1	2	V191		285
	Relative's home	1	2	V192		286
	Office	1	2	V193		287
	Makerere University Centre	1	2	V194		288
	Other (specify) _____			V195		289

.

		Yes	No			
Computer	Home	1	2	V196		290
	Friend's home	1	2	V197		291
	Relative's home	1	2	V198		292
	Office	1	2	V199		293
	Makerere University Centre	1	2	V200		294
	Other (specify) _____			V201		295

		Yes	No			
Internet	Home	1	2	V202		296
	Friend's home	1	2	V203		297
	Relative's home	1	2	V204		298
	Office	1	2	V205		299
	Makerere University Centre	1	2	V206		300
	Other (specify) _____			V207		301

25. Which of this Information Communication Technologies do you think should be used for the **B.Ed and B.Sc. (External) Degree** programme activities?

	Yes	No		
Radio	1	2	V208	302
Audio Cassette	1	2	V209	303
Television (TV)	1	2	V210	304
Video	1	2	V211	305
Computer	1	2	V212	306
Internet	1	2	V213	307
Print	1	2	V214	308

26. For which B.Ed and B.Sc (External) activities should the Information Communication Technologies you have chosen in No. 24 above be used? Write your response in the relevant space.

a. Radio

_____
_____
_____
_____
_____
_____

b. Audio Cassette

_____
_____
_____
_____
_____

c. Television (TV)

_____
_____
_____
_____
_____

d. Video

_____
_____
_____
_____

e. Computer

_____
_____
_____
_____
_____

f. Internet

_____
_____
_____
_____
_____

g. Print

_____
_____
_____
_____
_____

Variable			Columns
V215			309-310
V216			311-312
V217			313-314
V218			315-316
V219			317-318
V220			319-320
V221			321-322
V222			323-324
V223			325-326
V224			327-328
V225			329-330
V226			331-332
V227			333-334
V228			335-336
V229			337-338
V230			339-340
V231			341-342
V232			343-344
V233			345-346
V234			347-348
V235			349-350

27. How do you think the integration of Information Communication Technologies in the B.Ed and B.Sc (External) should be financed?					
		Yes	**No**		
From tuition fees being charged		1	2	V236	351
From additional charges		1	2	V237	352
From government subsidies		1	2	V238	353
From Donor community		1	2	V239	354
Local Community support		1	2	V240	355
Other sources (specify) _____ _____				V241	356

Section F: General Comments

28. Please give general comments you may have with regard to each of the following:

a) Distance Education for Teacher Education

_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

V242		357-358
V243		359-360
V244		361-362
V245		363-364
V246		365-366
V247		367-368

b) Distance Education for Science Courses

_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

V248		9-370
V249		1-372
V250		3-374
V251		375-376
V252		377-378
V253		379-380

c) Use of Information Communication Technologies for Distance Education Teacher Education programmes in Uganda		
_____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____	V254 V255 V256 V257 V258 V259	381-382 383-384 385-386 387-388 389-390 391-392

THANK YOU

APPENDIX VI
INTERVIEW SCHEDULE FOR POLICY MAKERS, MINISTRY OF EDUCATION OFFICIALS, DISTRICT EDUCATION OFFICIALS AND TEACHER EDUCATION MANAGERS

For official use only

1. Respondent Number	V1 ⬚⬚⬚ -3	
Section A: Personal Information		
2. Gender Female ⬚ Male ⬚	V2 ⬚ 4	
3. Institution _____	V3 ⬚ 5	
4. Position	V4 ⬚⬚ 6-7	

Commissioner	1
Assistant Commissioner	2
Education officer	3
Assistant Education Officer	4
Inspector of Schools	5
Assistant Inspector of Schools	6
Dean/Director	7
Head of Department	8
Other (Specify) _____	

Section B: Potential of Distance Education		
5. Do you think Distance Education has potential to meet the educational needs in Uganda? **Yes** **No** 1 2	V5 ⬚ 8	

6. If **Yes,** which of these courses do you think could be offered by distance education?   **Yes**   **No**

	Yes	No		
Education	1	2	V6 ⬚	9
Law	1	2	V7 ⬚	10
Social Sciences	1	2	V8 ⬚	11
Arts Courses	1	2	V9 ⬚	12
Science Courses	1	2	V10 ⬚	13
Engineering	1	2	V11 ⬚	14
Medicine	1	2	V12 ⬚	15

Other (specify) _____ _____	V13	6-17

7. If your answer to any of the items in question 5 above was **NO,** why do you think distance education cannot be used to offer those courses?

_____
_____
_____
_____
_____

V14	18-19
V15	20-21
V16	22-23

8. Do you think government needs to come up with a clear policy on Distance and Open Learning?

	Yes	No
	1	2

V17   24

9. Which issues do you think should be highlighted in this policy?

_____
_____
_____
_____
_____
_____
_____

V18	25-26
V19	27-28
V20	29-30

10. In your opinion, what factors do you think are impacting on distance education in Uganda?

_____
_____
_____
_____
_____
_____
_____

V21	31-32
V22	33-34
V23	35-36

Section C: Teacher Education by Distance Programmes

11. Have you participated in any of the following Teacher Education Programmes?   **Yes   No**

	Yes	No		
MITEP	1	2	V24	37
NITEP	1	2	V25	38
TDMS Headteacher Training programme	1	2	V26	39
TDMS Grade III Teachers' Course	1	2	V27	40
TDMS Outreach Tutor Training	1	2	V28	41

Kyambogo University Diploma in Primary Education	1	2
Makerere University B.Ed (External)	1	2
Other (specify) _____		

V29 ⬜ 42

V30 ⬜ 43

V31 ⬜ 44-45

12. In what capacity did you participate in these programmes?

MITEP		Yes	No
	Student	1	2
	Tutor	1	2
	Manager	1	2
	Trainer	1	2
	Writer	1	2
	Reviewer	1	2

V32 ⬜ 46

V33 ⬜ 47

V34 ⬜ 48

V35 ⬜ 49

V36 ⬜ 50

V37 ⬜ 51

NITEP		Yes	No
	Student	1	2
	Tutor	1	2
	Manager	1	2
	Trainer	1	2
	Writer	1	2
	Reviewer	1	2

V38 ⬜ 52

V39 ⬜ 53

V40 ⬜ 54

V41 ⬜ 55

V42 ⬜ 56

V43 ⬜ 57

TDMS Headteacher Training Programmes		Yes	No
	Student	1	2
	Tutor	1	2
	Manager	1	2
	Trainer	1	2
	Writer	1	2
	Reviewer	1	2

V44 ⬜ 58

V45 ⬜ 59

V46 ⬜ 60

V47 ⬜ 61

V48 ⬜ 62

V49 ⬜ 63

		Yes	No
TDMS Grade III Teachers' Course	Student	1	2
	Tutor	1	2
	Manager	1	2
	Trainer	1	2
	Writer	1	2
	Reviewer	1	2

V50		64
V51		65
V52		66
V53		67
V54		68
V55		69

		Yes	No
Kyambogo University Dilpoma in Pr. Education	Student	1	2
	Tutor	1	2
	Manager	1	2
	Trainer	1	2
	Writer	1	2
	Reviewer	1	2

V56		70
V57		71
V58		72
V59		73
V60		74
V61		75

		Yes	No
Makerere University	Student	1	2
	Tutor	1	2
	Manager	1	2
	Trainer	1	2
	Writer	1	2
	Reviewer	1	2

V62		76
V63		77
V64		78
V65		79
V66		80
V67		81

		Yes	No
Other (specify) _____	Student	1	2
	Tutor	1	2
	Manager	1	2
	Trainer	1	2
	Writer	1	2
	Reviewer	1	2

V68		82
V69		83
V70		84
V71		85
V72		86
V73		87

13. What were the strengths of the programmes you participated in? _____ _____ _____ _____ _____ _____ _____ _____	V74		88-89
	V75		90-91
	V76		92-93
	V77		94-95
	V78		96-97
14. What were the weaknesses of these programmes? _____ _____ _____ _____ _____ _____ _____ _____	V79		98-99
	V80		100-101
	V81		102-103
	V82		104-105
	V83		106-107
15. What do you think could be done to improve these programmes and enhance their: **a) Management** _____ _____ _____ _____ _____	V84		108-109
	V85		110-111
	V86		112-113
b) Study materials development and provision _____ _____ _____ _____	V87		114-115
	V88		116-117
	V89		118-119
c) Students support in the programme (provision of information, face to face sessions, student group meetings, library services, and counselling) _____ _____ _____ _____	V90		120-121
	V91		122-123
	V92		124-125
d) Student assessment and examination _____ _____ _____ _____	V93		126-127
	V94		128-129
	V95		130-131

16. Some of the subjects like Art and Crafts, Sciences and Languages require practical work. How do you think distance education programmes can cater for this? _____ _____ _____ _____ _____	V96 V97 V98		132-133 134-135 136-137
17. Teaching/school practice is an important element in Teacher Education. How do you think this can be catered for in distance education In-service Teacher Education programmes? _____ _____ _____ _____ _____	V99 V100 V101 V102		138-139 140-141 142-143 144-145
18. It is important that quality assurance mechanisms are put in place to ensure that the distance education Teacher Education Programmes in the country are of high quality. Please suggest strategies that you think should be adopted to ensure that this is achieved. _____ _____ _____ _____	V103 V104 V105 V106		146-147 148-149 150-151 152-153
19. If teachers already in service are to enroll in these distance education Teacher Education programmes either for retraining or for upgrading, suggest ways in which these programmes should be run to cater for the teachers' and schools' needs and programmes. _____ _____ _____ _____ _____	V107 V108 V109 V110		154-155 156-157 158-159 160-161
Section D: Bachelor of Education (B.Ed) External			
20. What competencies do you think are important to teachers? _____ _____ _____ _____ _____ _____ _____	V111 V112 V113 V114 V115		162-163 164-165 166-167 168-169 170- 171

21. a) Do you think the **B.Ed** (External) of Makerere
University helps teachers acquire these competencies?

.   **Yes**   **No**

| 1 | 2 |

V116 [ ] 172

b) Explain your answer

_____ V117 [ ][ ] 173-174
_____
_____ V118 [ ][ ] 175-176
_____
_____ V119 [ ][ ] 177-178
_____
_____ V120 [ ][ ] 179-180
_____
_____ V121 [ ][ ] 181-182
_____
_____ V122 [ ][ ] 183-184

22. What do you think are the **strengths** of the B.Ed (External)
with regard to its: V123 [ ][ ] 185-186
a) **Content of the programme**
_____ V124 [ ][ ] 187-188
_____
_____ V125 [ ][ ] 189-190
_____

b) **Management**   V126 [ ][ ] 191-192
_____
_____ V127 [ ][ ] 193-194
_____
_____ V128 [ ][ ] 195-196
_____

c) **Study materials development and provision**
_____ V129 [ ][ ] 197-198
_____
_____ V130 [ ][ ] 199-200
_____
_____ V131 [ ][ ] 201-202

d) **Student support in the programme** (provision of
information, face to face sessions, student group meetings,
library services, and counselling)   V132 [ ][ ] 203-204
_____
_____ V133 [ ][ ] 205-206
_____
_____ V134 [ ][ ] 207-208
_____

e) **Student assessment and examinations** V135 [ ][ ] 209-210
_____
_____ V136 [ ][ ] 211-212
_____
_____ V137 [ ][ ] 213-214

23. What do you think are the **weaknesses** of the B.Ed (External) with regard to its: **a) Content of the programme** _____ _____ _____ _____	V138		215-216
	V139		217-218
	V140		219-220
b) Management _____ _____ _____ _____	V141		221-222
	V142		223-224
	V143		225-226
c) Study materials development and provision _____ _____ _____ _____	V144		227-228
	V145		229-230
	V146		231-232
d) Student support in the programme (provision of information, face to face sessions, student group meetings, library services, and counselling) _____ _____ _____ _____	V147		233-234
	V148		235-236
	V149		237-238
e) Student assessment and examinations _____ _____ _____ _____	V150		239-240
	V151		241-242
	V152		243-244
Section E: Information Communication Technology			
24. What is your opinion regarding the use of Information Communication Technologies for teaching and learning in distance education Teacher Education programmes in Uganda? NOTE: **Throughout this questionnaire, Information communication Technology will be used to include: audiocassettes, computers, Internet and www, printed materials, radio, telephone, TV broadcasts, and video cassettes** _____ _____ _____ _____ _____ _____	V153		245-246
	V154		247-248
	V155		249-250
	V156		251-252
	V157		253-254
	V158		255-256

25. What do you think are the prerequisites that must be put in place for this technology to be appropriately used in Uganda?

_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

V159			257-258
V160			259-260
V161			261-262
V162			263-264
V163			265-266
V164			267-268

26. Suggest ways in which the Information Communication Technologies can be made more accessible to the students.

_____
_____
_____
_____
_____
_____
_____
_____
_____

V165			269-270
V166			271-272
V167			273-274
V168			275-276
V169			277-278
V170			279-280

27. How do think the integration of Information communication Technology in the B.Ed (External) should be financed?

	Yes	No		
From tuition fees being charged	1	2	V171	281
From additional charges	1	2	V172	282
From government subsidies	1	2	V173	283
From donor community	1	2	V174	284
Through local community support	1	2	V175	285
Other sources (specify)			V176	286-287

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Section F: General Comments			
28. Please give general comments you may have with regard to each of the following:			
a)　　Distance education for Teacher Education _____ _____ _____ _____ _____ _____ _____ _____ _____ _____	V177 V178 V179 V180 V181 V182		288-289 290-291 292-293 294-295 296-297 298-299
b)　　Use of Information communication Technologies for Distance Education Teacher Education programmes in Uganda _____ _____ _____ _____ _____ _____ _____ _____ _____ _____	V183 V184 V185 V186 V187 V188		300-301 302-303 304-305 306-307 308-309 310-311
c) Potential of Distance Education _____ _____ _____ _____ _____ _____ _____ _____ _____	V165 V166 V167 V168 V169 V170		312-313 314-315 316-317 318-319 320-321 322-323

THANK YOU

APPENDIX VII: RESEARCH QUESTIONS AND SOURCES OF DATA

Research Question 3: Distance Education as a Viable Option

Issue	Sources of Data	Categories
Why DE is viable	1. All questionnaires items 6 -8 2. Interview Schedule items 5 – 6 & 28c	1. Demand for education: increasing demand, current institutions and facilities inadequate, need for higher qualifications 2. Cost: DE cheaper, DE more cost effective, maximum utilisation of existing facilities 3. DE successful: has already been successfully used in Uganda and elsewhere, opportunity for immediate application of skills 4. DE caters for changing needs: lifelong learning, upgrading needs, refresher courses, changing character of university student 5. Flexibility of DE: work and study, study at own convenience, individual study 6. DE and access: DE has potential to reach more people, opens up access to the disadvantaged 7. Other reasons for potential
Reasons for not offering certain courses	1. All questionnaires item 8 2. Interview schedule item 7	1. Lack of equipment and other resources. This includes lack of facilities like labs, workshops, equipment, chemicals and kits and all other materials. 2. Need for close interaction and supervision. So the need for face-to-face sessions, on-the-spot supervision. 3. Need for instructional materials that may not be easily available. 4. Practical work and hands-on experience that may be difficult to provide for in a DE programme. 5. Cost of the programmes. Specialised equipment & materials may be too costly for DE students 6. Demand for a lot of concentration. Some of the courses a lot of concentration that may be difficult to achieve in a DE situation. 7. Lack of understanding of the concept of DE 8. Sensitivity of the subject like medicine requires a lot of care in preparation of professionals 9. Inadequacy of staff 10. Other reasons

Research Question 4: Practical Demands in Teacher Education

Issue	Sources of Data	Categories
Providing for practical work	1. Tutors, & managers' questionnaire item 16 2. Interview schedule item 16	1. Collaboration with other institutions 2. Use of face-to-face sessions 3. Involving other local experts 4. Use of kits for practical work 5. Integration of ICTs 6. Other strategies
Catering for Teaching practice	1. Tutors & managers' questionnaire item 17 2. Interview schedule item 17	1. Supervision 2. Collaboration with other institutions, departments and staff 3. Management of teaching practice 4. Posting of teachers 5. Structure and format of teaching practice 6. Other views

Research Question 5: Factors Impacting DE

Issue	Sources of Data	Categories
Issues that policy on ODL should highlight	1. Tutors & managers' questionnaire item 9 2. All other questionnaires item 9 & 10 3. Interview schedule item 8 & 9	1. Accreditation and recognition 2. Entry requirements and courses to be offered 3. Rules and regulations governing ODL. This should cover issues like minimum standards, study leave for trainees, training load of trainees, role of employers and private sector. 4. Funding and equipment for ODL programmes 5. Human resource needed to run the programmes 6. Student support systems in the programmes 7. Access and democratisation of education. Issues of numbers to be admitted, who should train and when. 8. Employment and remuneration of graduates of DE programmes 9. Institutions that can offer DE programmes and their administration and management 10. Policies related directly to Makerere University

Research Question 6: Strengths and Weaknesses of DE Teacher Education Programmes

Issue	Sources of Data	Categories
Strengths and weaknesses of DE teacher education programmes	1. Interview schedule and questionnaire for tutors & managers' item 13 & 14 2. All the other questionnaires item 14 & 15	1. Content of the programmes: Areas and skills covered, relevance of the content, variety of courses offered and quality of the programmes 2. Management and administration of the programmes: management structure and organisation, coordination, monitoring of activities, flexibility of programmes, student numbers, staffing, retention rates, costs and payment of staff. 3. Study materials development and provision: training of writers, quality of materials, speed of production, user friendliness, access, delivery and availability of materials. 4. Student support; face-to-face sessions, guidance and counselling, availability of tutors, student study group meetings, communication and information flow, library and book bank services 5. Assessment and examinations: assignment turn-around, feedback on assignments and exams, standards, equivalency/parity, failure rates, moderations and external examination, 6. Integration of ICTS Other strengths and weaknesses.
What can be done to improve management	1. Interview schedule and questionnaire for tutors & managers' item 15a 2. All the other questionnaires item 16a	1. Restructure and reorganise institutions and programmes 2. Ensure coordination of activities 3. Monitor and follow-up programme activities 4. Flexible programming 5. Revisit and manage student numbers 6. Recruit quality staff, train and retrain staff 7. Revisit fees and other costs of the programme 8. Improve payment for work done 9. Improve public relation 10. Better funding and resourcing of programmes 11. Improve communication and information flow 12. Other ways of improvement
What can be done to improve study materials development	1. Interview schedule and questionnaire for tutors & managers' item 15b 2. All the other questionnaires item 16b	1. Recruitment, training, and motivation of staff 2. Quality control of study materials production 3. Production and acquisition of study materials 4. Adequate funding 5. Ensure user friendliness of study materials 6. Delivery, availability and access to study materials 7. Integration of ICTS and variety of study materials 8. Other ways of improvement

What can be done to improve student support	1. Interview schedule and questionnaire for tutors & managers' item 15c 2. All the other questionnaires item 16c	1. Planning and management of face to face sessions 2. Provision of guidance and counselling 3. Tutors and other support staff 4. Planning and management of student study group meetings 5. Improve communication and information flow 6. Improve library and book bank services 7. Integration of ICTs and improve other facilities 8. Ensure access to services 9. Improve organisation and management of support services 10. Other ways of improvement
What can be done to improve assignment and examination system	1. Interview schedule and questionnaire for tutors & managers' item 15d 2. All the other questionnaires item 16d	1. Address assignment turn-around 2. Provide feedback on assignments and examinations 3. Ensure standards, work towards equivalence and parity in the programmes 4. Ensure moderation and external examination 5. Proper records management 6. Improve management of assignments and exams 7. Other ways of improvement
Quality assurance mechanisms	1. Interview schedule item 18 2. Tutors a& managers' questionnaire item 18	1. Monitoring and evaluation 2. Assessment and examinations 3. Institutional standards and procedure 4. Quality staff and staff development 5. Study materials development and provision 6. Student support services 7. Management systems 8. Entry requirements 9. Curricula 10. Funding and facilities 11.Integration of ICTs

Research Question 7a: Strengths and Weaknesses of Bachelor of Education (External)

Issue	Sources of Data	Categories
Strengths and weaknesses of Content of B.ED	1. Interview schedule item 22a & 23a 2. Tutors & managers' questionnaire item 23a & 24a **3.** Students' questionnaire item 21a & 22a **4.** Prospective students' questionnaire item 23	1. Areas and skills covered 2. Relevance of content 3. Variety of courses offered 4. Quality and standards of content 5. Delivery and methods of teaching 6. Structure of content 7. Other strengths and weaknesses
Strengths and weaknesses of practical work	1. Tutors & managers' questionnaire item 23b & 23b **2.** Students' questionnaire item 21b & 22b **3.** Prospective students' questionnaire item 23	1. Collaboration with other institutions 2. Face-to-face sessions 3. University expertise and other expertise 4. Facilities and kits for practical work 5. Integration of ICTs 6. Standards of practical work 7. Skills acquired 8. Other strengths and weaknesses
Strengths and weaknesses of management	1. Interview schedule item 22b & 23b 2. Tutors & managers' questionnaire item 23c & 24c **3.** Students' questionnaire item 21c & 22c **4.** Prospective students' questionnaire item 23	1. Structure and organisation 2. Coordination of activities 3. Monitoring and follow-up of programmes activities 4. Flexible programming 5. Numbers admitted to the programme 6. Recruitment of quality staff, training, and retraining of staff 7. Fees and cost of the programme 8. Payment and motivation of staff 9. Information dissemination and public relation 10. Funding of the programme 11. Other strengths and weaknesses
Strengths and weaknesses of study materials development and provision	1. Interview schedule item 22c & 23c 2. Tutors & managers' questionnaire item 23d & 24d **3.** Students' questionnaire item 21d & 22d **4.** Prospective students' questionnaire item 23	1. Recruitment, training and motivation of staff 2. Quality control of materials 3. Speed of production of study materials 4. Funding and cost of materials 5. User friendliness of study materials 6. Access, availability and delivery of study materials 7. Integration of ICTs and variety of study materials 8. Other strengths and weaknesses
Strengths and weaknesses of Student support	1. Interview schedule item 22d & 23d 2. Tutors & managers' questionnaire item 23e & 24e	1. Planning and management of face to face sessions 2. Provision of guidance and counselling 3. Tutors and other support staff 4. Planning and management of student study group meetings

	3. Students' questionnaire item 21e & 22e 4. Prospective students' questionnaire item 23	5. Communication and information flow 6. Library and book bank services 7. Integration of ICTs and other facilities 8. Access to services 9. Organisation and management of support services 10. Other strengths and weaknesses
Strengths and weaknesses of Student assessment and examinations	1. Interview schedule item 22e & 23e 2. Tutors & managers' questionnaire item 23f & 23f 3. Students' questionnaire item 21f & 22f 4. Prospective students' questionnaire item 23	1. Assignment turn-around 2. Feedback on assignments and examinations 3. Standards, equivalence and parity in the programmes 4. Moderation and external examination 5. Records management 6. Management of assignments and exams 7. Other ways strengths and weaknesses

Research Question 7b: Bachelor of Education (External) and Competencies

Issue	Sources of Data	Categories
Important teacher competencies	Interview schedule and Prospective students' questionnaire item 20	
Why B.Ed does not help teachers acquire competencies	1. Interview schedule and Prospective students' questionnaire item 21b 2. Tutors & managers' questionnaire item 22 3. Students' questionnaire item 20	1. Theoretical courses 2. Inadequate support for students 3. Inadequate methods of teaching employed by the tutors 4. Inadequate study materials 5. Curriculum does not emphasize most of the competencies 6. Inadequate opportunities for practice 7. Inadequate and poor staffing 8. Student inadequacies 9. Inadequate facilities 10. Other reasons
How to cater for needs of teachers and pupils	Interview schedule and Tutors & managers' questionnaire item 19	1. Needs assessment and evaluation 2. Curricula 3. Staff and staff development 4. Scheduling and programming 5. Study materials provision 6. Student support provision 7. Other strategies

APPENDIX VIII: SAMPLE TIMETABLE FOR FACE TO FACE
BED I 2002/2003 SEMESTER I (FRESHERS) DRAFT TIME TABLE FOR ORIENTATION, FACE TO FACE AND REGISTRATION FROM 16TH TO 28TH SEPT.2002

TIME	MON 16TH	TUE 17TH	WED 18TH	THUR 19TH	FRI 20TH	SAT 21ST	SUN 22ND	MON 23RD	TUE 24TH	WED 25TH	THUR 26TH	FRI 27TH	SAT 28TH
7.30-8.30			MAED 111 2 MAEM 111 LT	MAED 111 2 MAEM 111 LT	MAED 113 2 ELS 111 LDH	MAED 113 2 ELS 111 LDH		MAED 112 2 ELS 111 LDH	MAED 112 2 ELS 111 LDH	MAED 111 2 MAEM 111 LT			
8.30-10.30	**REPORTING DAY**	MAED113 2 MAEM 111 LT BUS 111 CH F/ART-JM	MAEM 111 LT ECON 111 CH F/ART- IF LIT 112 LD	MAED 113 2 RS 111 (A) LDH RS 111 (B) ADH BUS 112 **(SA)** CH BUS 113 **(KV)** 127	ECON 112 CH LIT 112 LD BUS 112 **(TN)** LT BUS 113 **(KG)** 127 EC 111 LDH	ECON 111 CH MAEM 112 LT F/ART-TMK LIT 111 LD	KLS 111 126 LL 111 127 MAED 112 LT MAEM 111 CH	MAED 112 2 MAEM 111 LT LD BUS 113 **(KV)** 126 LIT 112 LD EC 111 LDH	SS 111 LDH LIT 111 LD ECON 112 CH F/ART-NK	RS 111 (A) LDH RS 111 (B) ADH MAED 113 2 F/ART- NK LIT 111 LD **REGISTRATION**	ELS 111 LDH BUS 112 SA CH **REGISATION** BUS 113 **(KV)** 127 F/ART-IF	MAEM 111 CH MAED 112 LT F/Art NK ELS 111 LDH **REGISTRATION**	**REGISTRATION** F/ART-TMK MAEM 112 CH MAED 111 LT ES 111 LDH
10.30-11.00	**B**	**R**	**E**	**A**	**K**		**B**	**R**	**E**	**A**	**K**		
11.00-1.00	**REPORTING DAY**	KIS 111 126 LL 111 127 MAEM 112 CH MAED 111 LT F/ART- JM	ELS 111 LDH MAED 112 LT BUS 113 **(KG)** 127 BUS 112 **(TN)** CH F/ART- IF	ADM MINOR (A)LDH COMP ED (B)ADH ECON OF EDUC (C) LV DH	PHIL OF EDUC (A) LDH SOC OF EDUC (B) ADH ADM MINOR (C) LV DH	LIT 112 LD BUS 113**(KG)** 127 BUS 112 **(TN)** CH MAEM 111 LT F/ART-TMK	SOC OF EDUC (A) LDH ADM MINOR (B) ADH COMP EDUC (C) LV DH	HIST OF EDUC (A) LDH PHIL OF EDUC (B) ADH SOC OF EDUC (C) LV DH	MAEM 111 LT GG 111 LDH BUS 111 CH F/ART-NK EC 112 LDH	HIS 111 LDH MAEM 111 LT BUS 112 **(SA)** CH BUS 113 **(KV)** 126 SS 111 ADH F/ART- JM **REGISTRATION**	BUS 112 TN CH BUS 113 **(KG)**127 MAED 111 LT F/Art IF **REGISTRATION**	MAEM 112 CH MAED 111 LT F/ART-NK EC 111 LDH **REGISTRATION**	F/ART-MK ES 112 LDH **REGISTRATION**
1.00-2.00	**L**	**U**	**N**	**C**	**H**		**L**	**U**	**N**	**C**	**H**		
2.00-4.00	**BRIEFING ST.AUGUSTIN**	HIS 111 LDH MAEM 112 CH MAED 113 LT F/ART-JM	LIT 111 LD ECON 112 LT SS 111**(DR)** LDH BUS 111 CH F/ART- IF	HIST OF EDUC (A) LDH PHIL OF EDUC (B) ADH SOC OF EDUC (C) LV DH	ECON OF EDUC (A) LDH HIST OF EDUC (B) ADH PHIL OF EDUC (C) LV DH	GG 111 ADH BUS 111 CH EC 112 LDH F/Art TMK	ECO OF EDUC (A) LDH HIST OF EDUC (B) ADH PHIL OF EDUC (C) LV DH	COMP EDUC (A) LDH ECON OF EDUC (B) ADH HIST OF EDUC (C) LV DH	ECON 111 CH RS 111 (A) LDH RS 111 (B) NK DH LIT 112 LT SS 111 **(DR)** ADH F/ART- NK	MAED 111 LT ELS 111 LDH F/ART-JM **REGISTRATION**	ELS 111 LDH BUS 111 CH F/ART- IF **REGISTRATION**	Briefing (Closing)	F/ART TMK EP 112 LDH
4.00-4.30	**B**	**R**	**E**	**A**	**K**		**B**	**R**	**E**	**A**	**K**		
4.30-6.30	**BRIEFING ST.AUGUSTINE**	SS 111 LDH LIT 111 CH GG 111 ADH	HIS 111 LDH MAEM 111 CH MAED 113 LT	COMP OF EDUC (A) LDH ECON OF EDUC (B) ADH HIST OF EDUC (C) LV DH	SOC OF EDUC (A) LDH ADM MINOR (B) ADH COMP EDUC (C) LV DH	MAED 112 2 BUS 112 **(SA)** CH MAEM 112 LT BUS 113 **(KV)** 126	PHIL OF EDUC (A) LDH SOC OF (B) ADH ADM MINOR (C) LV DH	ADM MINOR (A) LDH COMP EDUC (B) ADH ECON OF EDUC(C) LV DH	KIS 111 126 LL 111 127 MAEM 112 LT BUS 112 **(TN)** CH BUS 113 **(KG)** 4 MAED 112 2	MAED 112 LT SS 111 **(DR)** LDH **REGISTRATION**	MAEM 112 CH MAED 111 LT **REGISTRATION**	MAED 113 LT MAEM 112 CH **EC 112 LDH F/ART NK** **REGISTRATION**	
6.30-8.30				ES 111 LDH	ES 112 LDH	ES 111 LDH	EP 111 LDH	EP 112 LDH	EP 111 LDH	EP 112 LDH	EP 111 LDH		

KEY: LDH: Lumumba Dining Hall   CH: Conference Hall Sch.of Educ.   ADH: Africa Dining Hall   LT: Lecture Theatre   LVDH:Livingstone Dining Hall   LD: Literature Deprt.(Facul.of Arts)   RM:
2,4,: Lecture Rooms Sch. Of Educ   126,127: Lecture Rooms-Curriculum Block(Sch. Of Educ.   NK DH: NKRUMAH DINNING HALL