

CMJ UNIVERSITY
SHILLONG, MEGHALAYA.
Recognized by UGC

DETAILED SYLLABUS

Under Graduate Diploma Program
D.Sc
(Diploma in Speech & Hearing)
(YEARLY SYSTEM)

COURSE TITLE : (SPEECH AND HEARING)

DURATION : 01 YEAR (Semester System)

TOTAL DIPLOMA MARKS : 800

FIRST YEAR

<i>COURSE TITLE</i>	<i>Paper Code</i>	<i>MARKS</i>		
		THEOR Y	PRACTICA L	TOTAL
LINGUISTICS I	DSH110	100	00	100
ACOUSTICS OF SPEECH AND HEARING	DSH120	100	00	100
HEARING SCIENCES	DSH130 DSH130P	50	50	100
ANATOMY AND PHYSIOLOGY	DSH140	100	00	100
BEHAVIOUR SCIENCE	DSH210	100	00	100
COMMUNICATION DISORDER	DSH220	100	00	100
PSCHOLOGY OF LANGUAGE AND COMMUNICATION	DSH230	100	00	100
FOUNDATION INTERPERSONAL AND CLINICAL SKILLS	DSH240/P	100	00	100

Note:

Theory Paper: 30% Continuous Internal Assessment and 70% University examination.

Practical Paper: 30% Continuous Internal Assessment and 70% University examination.

Continuous Internal Assessment:

- | | |
|----------------------------------------------------------------------------------|---------------------------------------|
| 1) Two or three tests out of which minimum two will be considered for Assessment | 60% of Continuous Internal Assessment |
| 2) Seminars/Assignments/Quizzes | 30% of Continuous Internal Assessment |
| 3) Attendance, class participation and behavior | 10% of Continuous Internal Assessment |

FIRST YEAR

DSH-110

Maximum Time : 3 Hrs.

Total Marks : 100

Minimum Pass Marks : 40%

LINGUISTICS I

University Examination :70 %

Continuous Internal Assessment :30 %

A) Instructions for paper-setter

1. The question paper will be divided into two parts. Part-I will contain subjective questions. This part will carry 60% of the total marks.
2. Part-II will comprise of 10-15 short questions, which will cover the entire syllabus and will carry 40% of the total marks.

B) Instructions for the candidates

1. Candidates are required to attempt Part-I as defined in the question paper and the entire part-II.
2. Use of non-programmable scientific calculator is allowed

COURSE CONTENTS

Language and communication; language in context; pragmatic principles; subsystems of language; constituent structure; the lexicon; meaning properties and relations; the lexicon; phonological and morphological properties; syntactic categories; phrasal categories; sub categorization. Introduction to the analysis and assessment of 'pathological' language.

DSH -120

ACOUSTICS OF SPEECH AND HEARING

Maximum Time : 3 Hrs. University Examination :70 %
Total Marks : 100 Continuous Internal Assessment :30 %
Minimum Pass Marks : 40%

A) Instructions for paper-setter

1. The question paper will be divided into two parts. Part-I will contain subjective questions. This part will carry 60% of the total marks.
2. Part-II will comprise of 10-15 short questions, which will cover the entire syllabus and will carry 40% of the total marks.

B) Instructions for the candidates

1. Candidates are required to attempt Part-I as defined in the question paper and the entire part-II.
2. Use of non-programmable scientific calculator is allowed

COURSE CONTENTS

This course seeks to explain the processes of spoken language communication by which a message is encoded in sounds, transmitted and then decoded by a listener. Taking as a basis a knowledge of articulatory phonetics and basic anatomy, the course describes the acoustics of speech production, common tools for analysing speech and processes of hearing and perception.

BSH-130**HEARING SCIENCES**

Maximum Time	: 3 Hrs.	University Examination	:70 %
Total Marks	: 100	Continuous Internal Assessment	:30 %
Minimum Pass Marks	: 40%		

A) Instructions for paper-setter

1. The question paper will be divided into two parts. Part-I will contain subjective questions. This part will carry 60% of the total marks.
2. Part-II will comprise of 10-15 short questions, which will cover the entire syllabus and will carry 40% of the total marks.

B) Instructions for the candidates

1. Candidates are required to attempt Part-I as defined in the question paper and the entire part-II.
2. Use of non-programmable scientific calculator is allowed

COURSE CONTENTS

This course aims to give students an understanding of the processes involved in the perception of speech by human listeners with normal and impaired hearing. Also to inform students about hearing impairment by introducing the principles and techniques of clinical audiology and by including information on current speech and hearing research and technology. The syllabus includes:

- the hearing mechanism
 - auditory processing of speech
 - speech and hearing in special circumstances
 - clinical audiology
- current developments in speech and hearing technology.

BSH-130P**HEARING SCIENCES**

Maximum Time	: 3 Hrs.	University Examination	:70 %
Total Marks	: 100	Continuous Internal Assessment	:30 %
Minimum Pass Marks	: 40%		

CLINICAL AUDIOLOGY

DSH-140

ANATOMY AND PHYSIOLOGY

Maximum Time : 3 Hrs. University Examination :70 %
Total Marks : 100 Continuous Internal Assessment :30 %
Minimum Pass Marks : 40%

A) Instructions for paper-setter

1. The question paper will be divided into two parts. Part-I will contain subjective questions. This part will carry 60% of the total marks.
2. Part-II will compromise of 10-15 short questions, which will cover the entire syllabus and will carry 40% of the total marks.

B) Instructions for the candidates

1. Candidates are required to attempt Part-I as defined in the question paper and the entire part-II.
2. Use of non-programmable scientific calculator is allowed

COURSE CONTENTS

Cell biology and tissues of the body; body systems; gross anatomy of the thorax; respiratory systems; head and neck; neuroanatomy; growth and form; the physiological and neurophysiological mechanisms involved in the production and perception of speech.

DSH-210**BEHAVIOUR SCIENCE****Maximum Time : 3 Hrs.****University Examination : 70 %****Total Marks : 100****Continuous Internal Assessment : 30 %****Minimum Pass Marks : 40%****A) Instructions for paper-setter**

1. The question paper will be divided into two parts. Part-I will contain subjective questions. This part will carry 60% of the total marks.
2. Part-II will comprise of 10-15 short questions, which will cover the entire syllabus and will carry 40% of the total marks.

B) Instructions for the candidates

1. Candidates are required to attempt Part-I as defined in the question paper and the entire part-II.
2. Use of non-programmable scientific calculator is allowed.

COURSE CONTENTS

Introduction to cognitive psychology; development across the age-span; psychosocial development; methods of data collection; descriptive statistics.

DSH-220**COMMUNICATION DISORDER****Maximum Time : 3 Hrs.****University Examination :70 %****Total Marks : 100****Continuous Internal Assessment : 30 %****Minimum Pass Marks : 40%****A) Instructions for paper-setter**

1. The question paper will be divided into two parts. Part-I will contain subjective questions. This part will carry 60% of the total marks.
2. Part-II will comprise of 10-15 short questions, which will cover the entire syllabus and will carry 40% of the total marks.

B) Instructions for the candidates

1. Candidates are required to attempt Part-I as defined in the question paper and the entire part-II.
2. Use of non-programmable scientific calculator is allowed

COURSE CONTENTS

Causal factors: effects on the development of speech and language in children and adults, the aetiology and diagnosis of hearing impairment in children and adults

**DSH-230 PSYCHOLOGY OF LANGUAGE
ANCOMMUNICATION**

**Maximum Time : 3 Hrs. University Examination :70 %
Total Marks : 100 Continuous Internal Assessment : 30 %
Minimum Pass Marks : 40%**

A) Instructions for paper-setter

1. The question paper will be divided into two parts. Part-I will contain subjective questions. This part will carry 60% of the total marks.
2. Part-II will comprise of 10-15 short questions, which will cover the entire syllabus and will carry 40% of the total marks.

B) Instructions for the candidates

1. Candidates are required to attempt Part-I as defined in the question paper and the entire part-II.
2. Use of non-programmable scientific calculator is allowed

COURSE CONTENTS

This course provides an introduction to psycholinguistics and the cognitive neuropsychology of language. Through workshops and tutorials the course will also enable students to develop their data analysis skills. The syllabus includes:

- approaches to the study of human language in psycholinguistics and cognitiveneuropsychology
- auditory comprehension
- mental lexicon and speech processing
- theories of reading, spelling and writing
- theories of semantic organisation
- sentence processing.

DSH-240 P**FOUNDATION INTERPERSONAL AND
CLINICAL SKILLS**

Maximum Time : 3 Hrs. University Examination :70 %
Total Marks : 100 Continuous Internal Assessment : 30 %
Minimum Pass Marks : 40%

This unit introduces and explores the concepts underlying the study of communication and communication disorders. It allows students to develop awareness, understanding and practical skills for the study of communication and for the application of communication studies in professional settings. The syllabus includes:

- variety in communication,
- observation, recording and reporting skills
- interpersonal skills
- communication breakdown
- communication in health and educational contexts.
- conducting hypotheses-led investigations, report writing and compiling professional portfolios.