ಮಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ

MANGALORE UNIVERSITY

(Accredited by NAAC with 'A' Grade)

ಕುಲಸಚಿವರ ಕಚೇರಿ
ಮಂಗಳಗಂಗೋತ್ರಿ – 574 199
ಕರ್ನಾಟಕ, ಇಂಡಿಯ
Office of the Registrar
Mangalagangothri - 574 199
Karnataka, India

ಕ್ರಮಾಂಕ/No. MU/ACC/CR46/2014-15/A2

ದಿನಾಂಕ/Date : 28/8/2017

NOTIFICATION

Sub: Revised syllabus on coursework for Ph.D. in Speech & Hearing.

Ref: Approval of Academic Council meeting dated: 6-7-2017.

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The revised syllabus on coursework for Ph.D. in Speech and Hearing which approved by the Academic Council at its meeting held on 6-7-2017 is hereby notified for implementation with effect from the academic year 2017-18.

REGISTRAR

To:

1) The Principals of the college concerned.
2) The Registrar [Evaluation], Mangalore University.
3) The Chairman, Board of Studies in Speech & Hearing, Mangalore University.
4) The Superintendent [ACC], Office of the Registrar, Mangalore University.
5) Guard file.

SYLLABUS FOR Ph.D. SPEECH & HEARING

February – July 2017

Paper 1 – Research Methodology

UNIT 1

- Methods of research in behavioral sciences – research designs – measuring: purpose, principles, needs and applications. Between group designs and single subject research designs.
- Basic of research –scientific approach – problems – hypothesis – constructs – variables.
- Types of research- empirical rationale-experimental and expost-facto research laboratory experiments, field studies – survey research - fundamental research. Epidemiology - clinical and applied research.

UNIT 2

- Theory of probability – principles and properties of normal distribution – binominal distribution – interpretation of data using the normal probability curve – causes of distribution – deviations from the normal forms.
- Correlation – meaning – coefficient of correlation – linear correlation – product moment correlation – rank correlation, biserial correlation, tetracoric correlation partial and multiple correlations – regression equation.
- Variance – concept – foundations – assumptions – one way classification. ANOVA MANOVA, ANCOVA, MANCOVA.

UNIT 3

- Technique of sampling – sampling and randomness-principles of randomization – random assignment – methods – random sampling-stratified sampling, incidental sampling – purposive samples of one to tone matched sampling – size of sample.

- Measurement – foundations – types – reliability – validity.
- Variance – implication to research – variance control.
- Techniques of equation – experimental and control groups – matching and randomization –advantages, disadvantages and limitations.
- Research designs – various types of group designs – various types of single subject research designs.
- Analysis and interpretation – principles, indices – cross breaks – factor analysis – multivariate statistics – time series analysis.
- The research report – cardinal characteristics – purpose – structure presentation and writing style.

UNIT 4

- Evaluating research in communication disorders
- Critical evaluation methods, Critics and issues

UNIT 5

- Recording, Transcription and analysis of conversation in one normal and one child with mental retardation.
- Theoretical explanation of the process

Paper 2

Reviewing of Literature and Planning of the Proposed Research work with a Tentative Title