Program/Class: Degree/BA	Year: Third	Semester: Fifth
Subject: Education		
Course Code: E010501T	Course Title: Educational Assessment	
Course Learning Outco es		

On completion of this course, learners will be able to:

- Define assessment measurement and evaluation.
- Enumerate and Illustrate Characteristics of a good test.
- Classify different psychological tests.
- Test Intelligence/Personality/Aptitude of a subject.

Credits: 4	Core Compulsory
Max. Marks: NA	Min. Passing Marks:

Total No. of Lectures-Tutorials-Practical (in hours per week): L- 4/w

Unit	Topics	No. of Lectures
I	BASICS OF ASSESMENT • Assessment, Measurement, Evaluation: Concept, Features and Difference. • Physical *vs* Psychological Measurements. • Continuous and Comprehensive Education: Meaning, Aims and Aspects.	8
II	NORMS • Norms: Meaning and Significance • Marks *vs* Grades • Credit System	7
III	ACHIEVEMENT TESTS • Meaning, Aims and Types. • Subjective VS Objective tests. • Characteristics of a Good test.	8

IV	**INTELLIGENCE** • What is Intelligence, Types? • Concept of Emotional Intelligence.	7

V	**MEASUREMENT OF INTELLIGENCE** • Verbal, Non-Verbal test • Individual Tests and Group test	8
VI	**PERSONALITY** • What is Personality? • Types of Personality. • Theories of Personality.	7
VII	**ASSESSMENT OF PERSONALITY** •Personality Inventories •Projective Techniques.	8
VIII	**APTITUDE** • What is Aptitude? • Types of Aptitude. • Characteristics of Aptitude. • Measurement of Aptitude.	7

Suggested Readings:

- गुप्ताएस.पी, शैक्षिकमापनएवंमूल्यांकन, शारदापुस्तकभवन, आगरा
- नन्द. पचौरीएवंशर्मा, शिक्षामनोविज्ञानएवंमापन, संजयपब्लिकेशन्स, आगरा
- भटनागरएस, शिक्षामनोविज्ञान, सूर्य पब्लिकेशन, 1998

- सिंहए.के, शिक्षामनोविज्ञान, भारतीभवन, पटना

- *Anastasi, A. Psychological Testing. New York, Macmillan Publishing Co. Inc. 1976*
- *NCERT Curriculum and Evaluation, New Delhi, NCERT 1990*
- *Norris, N. Understanding Educational Evaluation, Kogan Page Ltd. 1990*
- *Thorndike, E.L., & E.P., Hagen. Measurement and Evaluation in Psychology and Education. New York, Johan Wiley and Sons Inc. 1969*

- *Secolsky,C. Handbook on Measurement and Evaluation in Higher Education. U.K. Routledge. 2011*
- *Sindhu,K.S. New approaches to measurement and evaluation, New Delhi, Sterling Publication. 2007*
- *Singh, H.S. Modern educational testing. New Delhi: Sterling Publication. 1974*

Suggested Continuous Evaluation Methods: Assignment / test / Quiz(MCQ) / Seminar

Suggested equivalent online courses: Courses on Swayam / MOOCs

BA 3rd , Sem. V,
Course II
(Theory)

Program/Class: Degree /BA	Year: Third	Semester: Fifth
Subject: Education		
Course Code: E010502T	Course Title: Educational Statistics	

Course Learning Outcomes

On completion of this course, learners will be able to:

- Define Statistical terms.
- Prepare graphical charts.
- Interpret the results various operations of statistics.
- Survey and collect data.
- Analyze the data with Suitable Statistical methods.

Credits: 4	Core Compulsory
Max. Marks: NA	Min. Passing Marks:
Total No. of Lectures-Tutorials-Practical (in hours per week): L- 4/w	

Unit	Topics	No. of Lectures
I	INTRODUCTION TO STATISTICS • History of Statistics • Definition and Need of Statistics. • Types of Statistics • Symbols in Statistics	7

II	PRESENTATION AND ORGANIZATION OF DATA
	• Organization of data:
	  ○ Simple array
	  ○ Frequency array
	  ○ Frequency Distribution
	• Class Interval:
	  ○ Inclusive
	  ○ Exclusive
		7

III	GRAPHICAL REPRESENTATION OF DATA • Bar diagram • Histogram • Pie chart	8
IV	MEASURES OF CENTRAL TENDENCY • Definition, Uses, Computation of: Mean, Median, Mode	8
V	MEASURES OF RELATIVE POSITION • Concept of Relative Position • Percentile Rank • Percentile	5

VI	<u>MEASURES OF VARIABILITY</u> •Definition, Uses, Computation: Range, Mean Deviation, Standard Deviation.	8

VII	<u>UNIT IV: CORRELATION</u>
	•Meaning, Types, Uses and Computation of:
	    Coefficient of Correlation- Spearman's Rank
	    Difference Method and Karl Pearson's
	    Product moment Method.
		12

VIII	NORMAL PROBABILTY CURVE •Concept and Characteristics.	5

Suggested Readings:

● अस्थानाविपिन, शैक्षिकअनुसंधान एवं सांख्यिकी, अग्रवाल पब्लिकेशन्स, 2011.

● कपिल एच.के, अनुसंधान विधियां, भार्गव प्रिंटर्स, आगरा

● पांडेय के.पी, शैक्षिकअनुसंधान, वाराणसीविश्वविद्यालयप्रकाशन

● Agresti& Finlay, *Statistical Methods for the Social Sciences.* New Jersey, Prentice Hall. 2010

● Garret H.E., Psychological Tests, Methods, and ResultsNabu Press, 2011.

● Garret H.E., Statistics in Psychology and Education, Paragon International Publishers, 2005(Hindi& English)

● Ott and Longnecker. Statistical methods and data analysis. CA: Duxbury Pacific Grove, 2001

● Patel, R.S. *Statistical techniques for data analysis*. (n.p.) Academic Publishing GmbH *& Co. 2012*

● Shavelson, R.J. *Statistical reasoning for the behavioral sciences.* Boston, Allyn and Bacon. 1988

Suggested Continuous Evaluation Methods: Assignment
/ test / Quiz(MCQ) / Seminar

Suggested equivalent online courses: Courses
on Swayam / MOOCs

Program/Class: Degree /BA	Year: Third	Semester: Fifth
Subject: Education		
Course Code: E010503P	Course Title: Practical: Administration and Interpretation of Score of a psychological test-Achievement/Intelligence/Personality/Aptitude	
Course Learning Outcomes On completion of this course, learners will be able to: ●Develop an stronger orientation towards research • Understand and Administer different Psychological Tests		
Credits: 2	Core Compulsory	
Max. Marks: -	Min. Passing Marks:	
Total No. of Lectures-Tutorials-Practical (in hours per week): P-2/w		

Unit	Topics	No. of Lectures
I	●Psychological Test: Types and Utility for Guidance and Counselling	5
III	●How to administer and Interpret score of Achievement/Intelligence/Personality/Aptitude/ Text	25

Note: In Final Examination report shall be examined by external and internal examiners.
Marks Distribution: Test administration Report- 15 marks Viva- 10

Suggested Readings:
- गुप्ताएस.पी, शैक्षिकमापनएवंमूल्यांकन, शारदापुस्तकभवन, आगरा
- नन्द. पचौरीएवंशर्मा, शिक्षामनोविज्ञानएवंमापन, संजयपब्लिकेशन्स, आगरा
- भटनागरएस, शिक्षामनोविज्ञान, सूर्य पब्लिकेशन, 1998
- सिंहए.के, शिक्षामनोविज्ञान, भारतीभवन, पटना
- *Anastasi, A. Psychological Testing. New York, Macmillan Publishing Co. Inc. 1976*

- *NCERT Curriculum and Evaluation, New Delhi, NCERT 1990*

BA 3ʳᵈ , Sem. V,
Project

Program/Class: Degree /BA	Year: Third	Semester: Fifth
Subject: Education		
Course Code: E010503P	Course Title: Research Project	

Course Learning Outcomes
On completion of this course, learners will be able to:
- Develop an stronger orientation towards research
- Understand basics of research
- Develop attitude towards research
- Collect and analyse data

Credits: 3	Core Compulsory
Max. Marks: - 100	Min. Passing Marks: 40%
Total No. of Lectures-Tutorials-Practical (in hours per week): P-3/w	

Unit	Topics	No. of Lectures
I	Collection of Data related to Education, application of suitable statistical methods, analysis and interpretation of result. OR Visit to any type of University: A.It's profile preparation. B.Report on its administrative structure.	

45

Note: In Final Examination report shall be examined by external and internal examiners.
Assessment: 50% external+50% internal

Suggested Readings:
- गुप्ताएस.पी, शैक्षिकमापनएवंमूल्यांकन, शारदापुस्तकभवन, आगरा