

**SARDAR PATEL UNIVERSITY**  
**Programme: Master of Education**  
**Semester: I**  
**Syllabus with effect from: June 2013**

<b>Paper Code:</b> PE01CMED03	<b>Total Credits: 4</b>
<b>Title Of Paper:</b> Psychological Foundation of Education	

Unit	Description in detail	Weightage (%)
<b>1</b>	<b>Introduction to Educational Psychology:</b> Meaning, Nature & Scope of Educational Psychology Analysis of concepts of Teaching and Learning in major Changing concept of Teaching and Learning Concept and Nature of Psychology of Instruction	<b>25 %</b>
<b>2</b>	<b>Concept of Development and Cognitive Development:</b> Cognitive Development Theory by Jean Piaget Social Development Theory by Vygotsky Constructivism in Education Basic aspects (Bruner, Vygotsky and J. Lewin) Information Processing Theory	<b>25 %</b>
<b>3</b>	<b>Individual Differences:</b> Concept & Determinants Role of heredity & environment Areas of individual differences Educational Implications of individual differences & Implementation of individual differences in classroom & education	<b>25 %</b>
<b>4</b>	<b>Learning and Motivation:</b> Theories of Learning: Learning by Trial and Error (Thorndike), Learning by conditioning (Pavlov's classical conditioning, Skinner's operant conditioning), Learning by insight, Hull's reinforcement theory, Tolman's theory of learning Gagne's hierarchy of learning Bruner's Theory of Discovery Learning Learning, Motivation and Transfer of Learning	<b>25 %</b>

**Basic Text & Reference Books:**

- Bernard, H.W. (1954). Psychology of Learning and Teaching, New York; McGraw Hill Book Com
- Gange, R.M. and Briggs, L.J. (1979). The Conditions of Learning and Theory of Instruction, New York; Halt, Rinehart and Winston.
- Hergenhahn, B.R. (1976). An Introduction to Theories of Learning; Englewood Cliffs, New York; Prentice Hall.
- Hllgard E.R. and Bower, G.H. (1966). Theories of Learning, New York; Appletton Century Croffs.
- Meyer, M.E. (1979). Foundation of Contemporary Psychology, New York; Oxford University Press.
- Wilson, A.R., Roebeck. M.C. and Michael, M.B. (1979). Psychological Foundations of Education, New York; McGraw Hill Book Com.
- Woodworth, R.S. (1979) Contemporary School of Psychology, London: Methuch and Co. Ltd.
- Entwistie Noel, (1987). New Direction in Educational Psychology Learning and Teaching, London and Philadelphia; The Falmer Press.
- Ginsburg, H.P. (1988). Piagets Theory of Intellectual Development, New Jersey; Prentice Hall.
- Reynolds A.G. & Flagg, P.W. (1993). Cognitive Psychology, Boston; Little Brown.



- Bruce Joyce & Marshal Well (1992). Models of Teaching, Englewood Cliffs: Prentice Hall International Inc.
- પંડયા કુલીન ડી. (૧૯૭૨). મનોવિજ્ઞાનની વિચારધારાઓ, અમદાવાદ: યુનિવર્સિટી ગ્રંથ નિર્માણ બોર્ડ.
- દોંગા નાનુભાઈ એસ. (૧૯૯૫). અધ્યાપન મનોવિજ્ઞાન, રાજકોટ : નિજિજત્ સાઈકો સેન્ટર
- દોંગા નાનુભાઈ, (૨૦૧૦). શિક્ષણનું મનોવિજ્ઞાન, અમદાવાદ: નીરવ પ્રકાશન
- શાહ ગુણવંત બી. (૧૯૮૬) : શિક્ષણમાં અધ્યયન મીમાંસા, અમદાવાદ : યુનિવર્સિટી ગ્રંથ નિર્માણ બોર્ડ.
- શુક્લ, સતીશપ્રકાશ એસ, (૨૦૧૦). શૈક્ષણિક મનોવિજ્ઞાન, આગ્રા : અગ્રવાલ પબ્લીકેશન
- ભોગાયતા ચંદ્રકાન્ત, (૨૦૦૩) અધ્યયન પ્રાયોજિત મનોવિજ્ઞાન, અમદાવાદ, પ્રાશ્વ પ્રકાશન.

