

University of Lucknow
Department Education
B.A. Education Subject Syllabus of Four Years
w.e.f. Session 2024 onwards
Semester-wise Titles of the Papers in B.A. (Education as 1st Major Subject)

Year	Sem.	Paper Number	Paper Title	Credits
1	I	P1	Conceptual Framework of Education - I	4
		P2	Development and Challenges of Indian Education System - I	4
	II	P3	Conceptual Framework of Education - II	4
		P4	Development and Challenges of Indian Education System - II	4
2	III	P5	Philosophical and Sociological Perspectives of Education - I	4
		P6	Psychological Perspectives of Education - I	4
	IV	P7	Philosophical and Sociological Perspectives of Education - II	4
		P8	Psychological Perspectives of Education - II	4
3	V	P9	Educational Assessment	4
		P10	Milestones and New Dimensions of Indian Education	4
			Internship /Term Paper/ Minor Project in Major A (To be decided by students in Semester V)	4
	VI	P11	Intelligence And Personality	4
		P12	Milestones and New Dimensions of Indian Education -II	4
		P13A	Optional Paper: Educational Administration and Management	4
		P13B	Educational Statistics – Basic	
4	VII	P13C	Innovation in Education	4
		P14	Educational Technology	4
		P15	Inclusive Education	4
		P16	Guidance and Counselling	4
		P17	Educational Statistics – Advance	4
		P18A	Optional Paper: Education for Happiness	4
		P18B	Environmental and Population Education	
		P18C	Value and Peace Education	
	VIII	P19	Research Methodology	4
		P20	Term Paper	4
			Major Project / Dissertation	12

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Semester- wise Titles of the Papers in B.A. (Education as Minor Subject)

Year	Sem.	Paper Number	Paper Title	Credit
1	I	P1	Conceptual Framework of Education	
	II	P2	Development and Challenges of Indian Education System	
2	III	P3	Philosophical and Sociological Perspectives of Education	
	IV	P4	Psychological Perspectives of Education	

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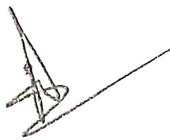
Syllabus for B.A. (Education)

- **Subject Prerequisites:** To study this Subject, there will be no compulsion of subjects at 12th class. This is open for all.

Program Outcomes (POs) -

This course is meant for future educators and educational administrators. Education is a process of acquisition of knowledge, values, culture and skills. After completion of the program, Graduates will be able to correlate and apply Education with life situations. They will be able to understand its interdisciplinary nature. Program will be helpful in conceptualization and synthesis of knowledge of Educational aspects in relation to: Human Development, Human Behavior, Teaching-Learning, Measurement and Evaluation, Society and Nation.

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Course Learning Outcomes -

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

- To understand the meaning, nature, scope and aims of education.
- To explain the factors of education and their interrelationship.
- To become aware of different agencies of education that influence education.
- To be acquainted with the Constitutional values and Educational provisions.

Unit	Topics
I	<u>EDUCATION: CONCEPT AND AIMS</u> • Prachin Bhartiya Gyan Parampara: The Way of Life, Concept of Guru and Shiksha. • Vidya - Gyan –Teaching, Training vs. Education. • Factors of Education. • Concepts of Educations- Meaning: Nature. • Aims of Education: Individualistic, Social, Democratic and Vocational.
II	<u>FUNCTIONS OF EDUCATION</u> • Individual and Social Development. • Preservation and Transmission of Cultural Heritage. • Acquisition of Skills. • Acquisition and Generation of Human Values. • Social Cohesion. • Education for Leisure. • Education for National Integration. • Education for International Understanding • Education for HRD.
III	<u>AGENCIES OF EDUCATION</u> • Formal. • Informal. • Non – Formal.
IV	<u>INDIAN CONSTITUTION AND EDUCATION</u> • Inculcation of Constitutional Values through Education. • Constitutional Provisions for Education.
	<u>PRACTICUM (to be internally evaluated)</u> 1. Written assignment based on the content of the Paper.

2. Prepare a list of Articles related to Education, as enshrined in our constitution. Also mention related amendments if any.

Suggested Readings:

- तोमर एल आर.; प्राचीन भारतीय शिक्षापद्धत, सुरुच प्रकाशिन नई शिल्ली
- <https://www.mycoursebook.in/shiksha-ke-darshanik-avam-samajshastriya-siddhant-raman-bihari-lalrastogi-publication.html>
- <https://www.india.gov.in/my-government/constitution-india/constitution-india-full-text>
- टी. रेमटं, शिक्षा शसद्धांत, <https://archive.org/details/in.ernet.dli.2015.482904>
- प्रभात कुमार, भारत का संशिधान, प्रभात पेपर बक्सै ,
- पी. िीकाणे, धममिस्त्र का इशतहास, उत्तर प्रि शिल्ली संस्थान, लखनऊ
- सलजाू , सी. के . शिक्षा एकशििेचन शिल्ली; रशि बुक्स. (फुल बुक) 2004
- Aggarwal, J.C. *Theory and Principles of Education*, New Delhi, Vikas Publishing House. 2010
- Banerjee, A. *Philosophy and principles of education*. Calcutta, Susoban Prakashan . 1994
- Barrow, R., & Milburn, G. *A critical dictionary of educational concepts: An appraisal of selected ideas and issues in educational theory and practice*. New York: St. 1986
- Bhatia & Bhatia. *Theory and principles of Education*. New Delhi, Doaba House. 2011 •Cohen, B. *Educational Thought: An Introduction*. Britain: MacMillan. 1970
- Dahiya B.S 'Higher Education in India' Retrospect and Prospect, Kanishka N, Delhi, 1997.
- Dewey, J. *The school and society*. USA: The University of Chicago Press. 1915
- Dhankar, R. *Education in emerging Indian Society*. New Delhi: APH Publishing Corporation. 2010
- Ghosh S.C. *The History of Education in Modern India (1757-2007)* Hyderabad: Orient Blackswan Private Limited, 2009, Third Edition.
- Lal, R.B. & Sharma, K.K. 'History Development and Problems of Indian Education', R.Lal Book Depot, Meerut, 2015.
- Moonis, Raza, 'Higher Education in India' Retrospect and Prospect, AIU, N, Delhi, 1991
- Pandey R.S. *Principles of Education*, Agra, Vinod Pustak Mandir. 1992
- Ramchandran, P. & Ramkumar, V. 'Education in India' , NBT, N, Delhi, 2014.

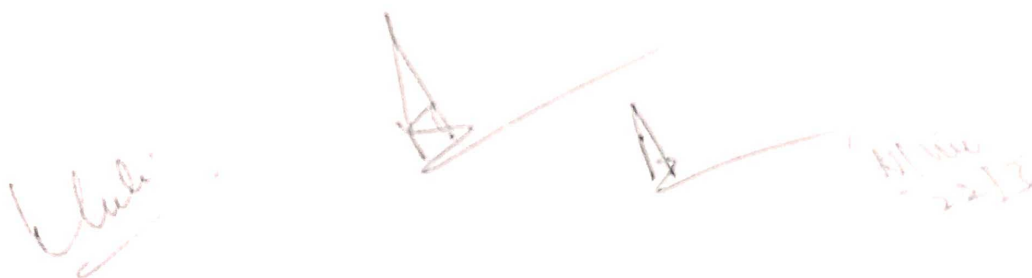
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- Saxena, N.R. S. *Principles of Education*. Meerut. R. Lal Book Depot. 1996
Vakil K.S and S. Natrajan, 'Education in India' Allied Publishers, Bombay, Rev
Edn., 1966



B.A. 1st Year Semester I

Paper no.- P2

Course Title: Development and Challenges of Indian Education System – I

Total Credit: 4 (3Theory+1Practicum)

Course Learning Outcomes

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

- Understand the development of Indian Education during different ages,
- Analyze the trends of Education running in the different educational systems.
- Narrate the major contributions of Indian Educational Heritage in the different fields of study.
- Discuss the views of foreign travellers about Indian cultural and educational heritage.

Unit	Topics
I	<u>ANCIENT EDUCATION SYSTEM</u> • Vedic and Buddhist Period: Main Characteristics, Aims of Education, Merits and Demerits of Education System, Contribution to Modern Indian Education. • Viewpoints of Travellers towards Ancient Indian System.
II	<u>EDUCATION IN MEDIEVAL PERIOD</u> • Main Characteristics. • Aims of Education. • Merits and Demerits of Education System. • Contribution to Modern Indian Education.
III	<u>EDUCATION IN COLONIAL PERIOD</u> Some Landmarks of British Period: • Charter Act of 1813 & 1833 and Oriental Occidental Controversy • Macaulay Minute, Filtration Theory. • Wood's Dispatch. • Hunter Commission. • Indian University Commission. • Gokhale Bill. • Sadler Commission. • Wardha Yojna.

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IV	<u>POST-INDEPENDENT ERA OF INDIAN EDUCATION</u> • Radha Krishna Commission • Mudaliar Commission • Kothari Commission. • National Policy of Education 1986 and 1992. • National Education Policy 2020.
	<u>PRACTICUM (to be internally evaluated)</u> 1. Written assignment based on the content of the Paper. 2. Prepare a report on NEP 2020 based structure of Education at various levels.
Suggested Readings: • चौबे एस.पी, भारतीय शिक्षा का इशतहास • जौहरी एं पाठक, भारतीय शिक्षा का इशतहास, शिन्तो पुस्तक मंशिर आगरा • अशननहोत्री आर.; आधशनकु भारतीय शिक्षा: समस्याएं और समाधान, राजस्थान शहन्ीी ग्रंथ अकािमी • पांडेय आर.एस, शिक्षा की समसामशयक समस्याएं, शिन्तो पुस्तक मंशिर, आगरा □https://archive.org/details/in.ernet.dli.2015.441175/page/n311/mode/2u • Altekar A. S. <i>Education in Ancient India</i>. Varanasi, Nandkishore & Brothers. 1963 • Bakshi S.R. & Mahajan, L. <i>Encyclopedic History of Indian Culture and Religion: Education in ancient India</i>, New Delhi, Deep & Deep Publications. 2000 • Govinda, R and M, Bandyopadhyay. <i>Access to Elementary Education: Analytical Overview</i>, New Delhi: OUP. 2011 • Human Development Report retrieved from http://hdr.undp.org/en/reports/ • Lal R.B. & Sharma K.K. 'History, Development and Problems of Indian Education', R.Lal Book Depo, Meerut, 2015. • Mitra, V. <i>Education in Ancient India</i>. Delhi, Arya Book Depot. 1964 • Mookerji, R.K. <i>Ancient Indian Education: Brahmanic and Buddhist</i>. Delhi, Motilal Banarsi Dass. 1947 • Ramchandran, P. & Ramkumar, V. 'Education in India', NBT, N, Delhi, 2014. • Singh, Bhanu Pratap, <i>Aims of Education in India: Vedic, Buddhist, Medieval, British and Post Independence</i>, Delhi, Ajanta Publications. 1990	

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B.A. 1st Year Semester II**Paper no.- P3****Course Title: Conceptual Framework of Education – II****Total Credit: 4 (3Theory+1Practicum)****Course Learning Outcomes -**

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

- Distinguish between different levels of the Education System.
- Explain the present status of different levels of Education.
- Identify the level of Education and concern governing/regulatory bodies.
- Differentiate the needs and importance of different levels of Education.

Unit	Topics
I	<u>PREPRIMARY EDUCATION</u> • Concept, Objectives, Importance of Pre-primary Education. • Some Models of Pre-primary Education: Dalton, Montessori, Kindergarten. • Background and Present Scenario of Pre-primary Education in India.
II	<u>PRIMARY AND SECONDARY EDUCATION</u> • Concept, Aims and Importance of Primary and Secondary Education. • Present Scenario of Primary and Secondary Education in India.
III	<u>HIGHER EDUCATION</u> • Concept, Objectives of Higher Education. • Need for Higher Education. • Types of Universities- Central, State, Private, Open. • Present Scenario of Higher Education in India.
IV	<u>DIFFERENT GUIDING/REGULATORYBODIES OF EDUCATION SYSTEM IN INDIA</u> • Education Ministry (MHRD) • NCERT • SCERT • NIOS • NUEPA • NCTE • UGC • AICTE
	<u>PRACTICUM (to be internally evaluated)</u> 1. Written assignment based on the content of the Paper. 2. Prepare a report on the organization and functioning of any guiding/regulatory body of Education system.

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- तोमर एल आर.; प्राचीन भारतीय शिक्षापद्धति, सुरुषच प्रकाशिन नई शिल्ली
- <https://www.mycoursebook.in/shiksha-ke-darshanik-avom-samajshastriya-siddhant-raman-bihari-lalrastogi-publication.html>
- <https://www.india.gov.in/my-government/constitution-india/constitution-india-full-text>
- टी. रेमट, शिक्षा शसद्धांत, <https://archive.org/details/in.ernet.dli.2015.482904>
- प्रभात कुमार, भारत का संशोधन, प्रभात पेपर बक्स
- पी. िीकाणे, धर्ममिस्त्र का इशतहास, उत्तर प्रि शिल्ली संस्थान, लखनऊ
- सलजा, सी. के. शिक्षा एकशिेचन शिल्ली; रशि बुक्स. (फुल बुक) 2004

- Aggarwal, J.C. *Theory and Principles of Education*, New Delhi, Vikas Publishing House. 2010
- Banerjee, A. *Philosophy and principles of education*. Calcutta, SusobanPrakashan . 1994
- Barrow, R., & Milburn, G. *A critical dictionary of educational concepts: An appraisal of selected ideas and issues in educational theory and practice*. New York: St. 1986
- Bhatia & Bhatia. *Theory and principles of Education*. New Delhi, Doaba House. 2011 ●Cohen, B. *Educational Thought: An Introduction*. Britain: MacMillan. 1970
- Dahiya B.S 'Higher Education in India' Retrospect and Prospect, Kanishka N, Delhi, 1997.
- Dewey, J. *The school and society*. USA: The University of Chicago Press. 1915
- Dhankar, R. *Education in emerging Indian Society*. New Delhi: APH Publishing Corporation. 2010
- Ghosh S.C. *The History of Education in Modern India (1757-2007)* Hyderabad: Orient Blackswan Private Limited, 2009, Third Edition.
- Lal, R.B. & Sharma, K.K. 'History Development and Problems of Indian Education', R.Lal Book Depot, Meerut, 2015.
- Moonis, Raza, 'Higher Education in India' Retrospect and Prospect, AIU, N, Delhi, 1991
- Pandey R.S. *Principles of Education*, Agra, Vinod Pustak Mandir. 1992
- Ramchandran, P. & Ramkumar, V. 'Education in India', NBT, N, Delhi, 2014.
- Saxena, N.R. S. *Principles of Education*. Meerut. R. Lal Book Depot. 1996
- Vakil K.S and S. Natrajan, 'Education in India' Allied Publishers, Bombay, Rev Edn., 1966

B.A. 1st Year Semester II

Paper no.- P4

Course Title: Development and Challenges of Indian Education System – II

Total Credit: 4 (3Theory+1Practicum)

Course Learning Outcomes

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

- Identify the problems of Indian education at different levels of education.
- Assess the root cause of challenges faced by Indian education system.
- Discuss various factors affecting Indian Education.

Unit	Topics
I	<u>PROBLEMS OF PREPRIMARY EDUCATION</u> • Unsatisfactory Conditions of Preprimary Schools. • Training of Preprimary Teachers. • Unavailability of Teaching Material. • Loopholes of Supervision and Administration. • Problem of Uniformity.
II	<u>PROBLEMS OF ELEMENTARY AND SECONDARY EDUCATION</u> • Problems of Access and Equity. • Problems of Multilingualism, Child's Home Language and the Language of School- Classroom, Textbooks etc. • Mass vs Class- Gap in Standards, Financial Load on Parent, Syllabus. • Problem of Non-Availability of Technical and Vocational Guidance at Secondary Level and NSQF.
III	<u>PROBLEMS OF HIGHER EDUCATION</u> • Problems of Access - Gender (Masculine, Feminine and Transgender) and Caste, Class, Religion, Region. • Problem of over-emphasis on Examination System in India, Information Explosion and its Validation. • Problem related with Students- Aimlessness, Intolerance, Aggression, Unemployment and Unhealthy Completion.
IV	<u>AFFECTING FACTORS OF INDIAN EDUCATION</u> • Urbanization. • Population • Poverty. • Brain Drain • Digitalization

PRACTICUM (to be internally evaluated)

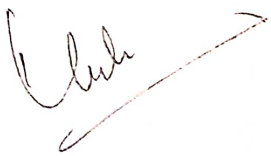
1. Written assignment based on the content of the Paper.

2. Identify major problems with which

Preprimary/Elementary/Secondary/Higher Education system is confronted and prepare a report on suggested solutions to overcome them.

Suggested Readings:

- चौबे एस.पी, भारतीय शिक्षा का इशतहास
- जौहरी एिं पाठक, भारतीय शिक्षा का इशतहास, शिनोि पुस्तक मंशिर आगरा
- अशननहोत्री आर.; आधशनकु भारतीय शिक्षा: समस्याएं और समाधान, राजस्थान शहन्िी ग्रंथ अकािमी
- पांडेय आर.एस, शिक्षा की समसामशयक समस्याएं, शिनोि पुस्तक मंशिर, आगरा
- <https://archive.org/details/in.ernet.dli.2015.441175/page/n31/mode/2u>
- Altekar A. S. *Education in Ancient India*. Varanasi, Nandkishore & Brothers. 1963
- Bakshi S.R. & Mahajan, L. *Encyclopedic History of Indian Culture and Religion: Education in ancient India*, New Delhi, Deep & Deep Publications. 2000
- Govinda, R and M, Bandyopadhyay. *Access to Elementary Education: Analytical Overview*, New Delhi: OUP. 2011
- Human Development Report retrieved from <http://hdr.undp.org/en/reports/>
- Lal R.B. & Sharma K.K. 'History, Development and Problems of Indian Education', R.Lal Book Depo, Meerut, 2015.
- Mitra, V. *Education in Ancient India*. Delhi, Arya Book Depot. 1964
- Mookerji, R.K. *Ancient Indian Education: Brahmanic and Buddhist*. Delhi, Motilal Banarsi Dass. 1947
- Ramchandran, P. & Ramkumar, V. 'Education in India', NBT, N, Delhi, 2014.
- Singh, Bhanu Pratap, *Aims of Education in India: Vedic, Buddhist, Medieval, British and Post Independence*, Delhi, Ajanta Publications. 1990



B.A. 2nd Year Semester III

Paper no.- P5

Course Title: Philosophical and Sociological Perspectives of Education – I

Total Credit: 4 (3Theory+1Practicum)

Course Learning Outcomes

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

- Define Education and Philosophy.
- Explain difference between Darshan and Philosophy.
- Define pluralism and diversity in Indian society.
- Relate Education with social concerns.

Unit	Topics
I	<u>EDUCATION AND PHILOSOPHY</u> • Meaning and Concept of Philosophy and ‘Darshan’; Difference between Philosophy and ‘Darshan’, its relationship with Education. • Branches of Philosophy of Education.
II	<u>A BRIEF INTRODUCTION TO ANCIENT INDIAN PHILOSOPHIES</u> • Vedant. • Bhagavad Geeta.
III	<u>INTRODUCTION TO INDIAN SOCIETY</u> • Pluralism and Diversity in Indian Society. • Social Stratification of Indian Society: Caste, Class, Gender.
IV	<u>SCHOOL EDUCATION AND SOCIETY</u> • School as Social Organization. • Social Change and Education. • Social Mobility and Education.
	<u>PRACTICUM (to be internally evaluated)</u> 1. Written assignment based on the content of the Paper. 2. Visit any nearby area/community/village and prepare its demographic report

Suggested Readings:

- कमर, के. शिक्षा और ज्ञान. शिल्ली, ग्रंथशिल्पी. 2002
- सलजा ू सी. के, शिक्षा िमन, शहं िी माध्यमकायामन्ियनशनि िालय नई शिल्ली
- धकर आर. शिक्षा और समाज. हरयाणा, आधार प्रकािन. 2006
- ओड एल. के, शिक्षा की िािमशनक पष्ठभू शमू , राजस्थान शहन् िी ग्रंथ अका िमी, 1994
- पांडेय के. पी, शिक्षा के िािमशनकएिं सामाशजक आधार, िाराणसी शिश्वशिद्यालय प्रकािन
- Archer, M.S. *Social Origins of Educational Systems*, New Delhi: Sage. 1984
- Brubacher, John S. (ed) *Modern Philosophy of Education*, New Jersey: Prentice Hall Inc., Englewood Cliffs. 12 Hours. 1962
- Cohen, B. *Educational Thought: An Introduction*. Macmillan, Britain. 1969
- Dewey, J. *The School and Society*. Chicago, The University of Chicago Press. 1915
- Durkheim, E. *Education and Sociology*. New York: The Free Press. 1956
- Elmhirst, L.K. *Rabindranath Tagore: Pioneer in Education*. Delhi: Sahitya Chayan. 1994
- Freire, P. *Pedagogy of the Oppressed*. London, Penguin Books. N.p. 1970
- Kneller, G.F. *Foundations of Education*. London and New York, John Wiley and Sons, Inc. 1963
- Kumar, K. *The Political Agenda of Education: A Study of Colonialist and nationalist Ideas*. New Delhi, Sage Publications. 1991
- Shukla, S. and Kumar, K. *Sociological Perspective in Education*. New Delhi, Chanakya Publications. 1985
- Shukla, S. C. and Kaul, R. (eds.) *Education, Development and Underdevelopment*, New Delhi: Sage. 1998

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B.A. 2nd Year Semester III

Paper no.- P6

Course Title: Psychological Perspectives of Education – I

Total Credit: 4 (3Theory+1Practicum)

Course Learning Outcomes

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

- Define Education and Psychology
- Relate Education and Psychology
- Compare characteristics and needs of different stages of development.
- Name different approaches of learning.
- Distinguish between different psychological traits.

Unit	Topics
I	<u>EDUCATION AND PSYCHOLOGY</u> • Psychology: Concept and Scope. • Relation of Education and Psychology. • Importance of Educational Psychology. • Methods of Studying Educational Psychology.
II	<u>PROCESS OF DEVELOPMENT</u> • Development/Meaning and Forms. • Growth and Development. • Stages of Development. • Forms of Development-Physical, Mental, Emotional, Social, Motor Development, Language Development.
III	<u>UNDERSTANDING LEARNING</u> • Meaning, Nature and Factors Influencing Education. • Learning Styles: VARK. • Transfer of Learning and its classroom implications. • Learning Theories: Pavlov's Classical Conditioning Theory, Skinners Operant Conditioning Theory, Thorndike Trial and Error Theory, Gestalt Theory and their Educational Implications.
IV	<u>FOUNDATIONS OF BEHAVIOUR</u> • Instincts. • Sensation, Perception and Concept. • Motivation. • Memory. • Attention and Interest. • Thinking, Reasoning and Imagination. • Habit. • Fatigue

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	<u>PRACTICUM (to be internally evaluated)</u> 1. Written assignment based on the content of the Paper. 2. Prepare a chart on Learning theories with their propounders.
Suggested Readings: ● भटनागरएस, शिक्षामनोशिज्ञान, सयूमपशललकेिन, 1998 ● जायसालएस.आर, भारतीयमनोशिज्ञानऔरशिक्षा, आयमबुकडीपोनईशिल्ली ● शत्रपाठीाशलग्राम, शिक्षणव्यवहार, राधापशललकेिन, नईशिल्ली ● गुप्ताएस.पी, शिक्षामनोशिज्ञान, िाखाप्रकािन, मेरठ ● युगशकम्बल, शिक्षामनोशिज्ञानकीआधारशिला, शिनोिपुस्तकमंशिर, आगरा ● Aggarwal. J.C.(n.d.). <i>Essentials of Educational Psychology</i>: Vikas Publishing house ● Bhatnagar Suresh (n.d.). <i>Advanced Educational Psychology</i>, Lal Book Depot, Meerut. ● Bigge, Morris. L (1971). <i>Learning theories for teachers</i>. New York: Harper & Row. ● Chauhan S.S. (1978). <i>Advanced educational psychology</i>. Vikas Publishing House. ● Dash M. (1994). <i>Educational Psychology</i>. New Delhi, Deep & Deep Publications. ● Dececco John, P. <i>The Psychology of Learning and Instruction</i>. New Delhi, Prentice Hall of India. 1968 ● Hilgand, E.R. & Bower, S.H., (1975). <i>Theories of Learning</i>. Englewood Cliffs New Jersey: Prentice Hall. ● Hurlock, E. B. (2004). <i>Developmental Psychology: A Life span Approach</i>. New Delhi, Tata McGrawHill Publishing Co. Ltd. ● Mathur, S.S. <i>Educational Psychology</i>. Agra, Vinod Pustak Mandir. 1986 ● Mazur, J.E. (1994). <i>Learning and behaviour</i>. Englewood Cliffs. New Jersey; Prentice Hall. ● Rani, A. (2011). <i>Psychology of learning Behavior</i>. New Delhi, Centrum Press.	

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B.A. 2nd Year Semester IV

Paper no.- P7

Course Title: Philosophical and Sociological Perspectives of Education – II

Total Credit: 4 (3Theory+1Practicum)

Course Learning Outcomes

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

- Compare the Indian and Western Philosophical thoughts.
- Relate Education with Political and Economic issues.
- Distinguish between Fundamental Rights and duties.
- Value role of Education for Sustainable Development

Unit	Topics
I	<u>A BRIEF INTRODUCTION TO WESTERN PHILOSOPHIES</u> • Idealism. • Naturalism. • Pragmatism.
II	<u>SOME PROMINENT EDUCATIONAL THINKERS</u> • Mahatma Gandhi. • Swami Vivekanand. • B.R. Ambedkar. • Rousseau. • Dewey.
III	<u>POLITICAL PERSPECTIVES OF EDUCATION</u> • Fundamental Rights and Duties. • Directive Principles.
IV	<u>ECONOMIC PERSPECTIVES OF EDUCATION</u> • Education as Development Indicator. • Education for Sustainable development • UN Millennium Development Goals vs Sustainable Development Goals. • Education as an Investment & Returns •
	<u>PRACTICUM (to be internally evaluated)</u> 1. Written assignment based on the content of the Paper. 2. Review a book written by any prominent educational thinker included in this course.

Suggested Readings:

- कमर, के. शिक्षा और ज्ञान. शिल्ली, ग्रंथशिल्पी. 2002
- सलजाूसी. के, शिक्षाििमन, शहंिीमाध्यमकायामन्ियनशनििालय नई शिल्ली
- धकंर आर. शिक्षा और समाज. हररयाणा, आधार प्रकाििन. 2006
- ओड एल. के, शिक्षा की िािमशनक पठभृशमू , राजस्थान शहन्िी ग्रंथ अकािमी, 1994
- पांडेय के.पी, शिक्षा के िािमशनकएिं सामाशजक आधार, िाराणसी शिश्वशिद्यालय प्रकािन
- Archer, M.S. *Social Origins of Educational Systems*, New Delhi: Sage. 1984
- Brubacher, John S. (ed) *.Modern Philosophy of Education*, New Jersey: Prentice Hall Inc., Englewood Cliffs. 12 Hours. 1962
- Cohen, B. *Educational Thought: An Introduction*. Macmillan, Britain. 1969
- Dewey, J. *The School and Society*. Chicago, The University of Chicago Press. 1915
- Durkheim, E. *Education and Sociology*. New York: The Free Press. 1956
- Elmhirst, L.K. *Rabindranath Tagore: Pioneer in Education*. Delhi: Sahitya Chayan. 1994
- Freire, P. *Pedagogy of the Oppressed*. London, Penguin Books. N.p. 1970
- Kneller, G.F. *Foundations of Education*. London and New York, John Wiley and Sons, Inc. 1963
- Kumar, K. *The Political Agenda of Education: A Study of Colonialist and nationalist Ideas*. New Delhi, Sage Publications. 1991
- Shukla, S. and Kumar, K. *Sociological Perspective in Education*. New Delhi, Chanakya Publications. 1985
- Shukla, S. C. and Kaul, R. (eds.) *Education, Development and Underdevelopment*, New Delhi: Sage. 1998

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B.A. 2nd Year Semester IV

Paper no.- P8

Course Title: Psychological Perspectives of Education – II

Total Credit: 4 (3Theory+1Practicum)

Course Learning Outcomes

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

- Identify Individual Differences.
- Understand Special Need Learners
- Examine the importance Mental Health.
- Illustrate Teaching Learning Process.

Unit	Topics
I	<u>INDIVIDUAL DIFFERENCES</u> • Meaning, Types and Causes of Individual Differences. • Individual Differences and Education.
II	<u>SPECIAL NEED LEARNERS</u> • Mentally Retarded. • Gifted Children. • Divyang (Handicapped).
III	<u>MENTAL HEALTH AND ADJUSTMENT</u> • Concept and need of studying mental health. • Affecting Factors of Mental Health. • Mental Health and Education. • Adjustment: Meaning and Process.
IV	<u>TEACHING AND LEARNING PROCESS</u> • Concept of Teaching • Relation between Learning and Teaching. • Conditioning vs Teaching. • The Objectives of Education is Learning. • Role of Teacher in Teaching- Learning.
	<u>PRACTICUM (to be internally evaluated)</u> 1. Written assignment based on the content of the Paper. 2. Prepare a Case Study of a Special Need Learner.

Suggested Readings:

- भटनागरएस, शिक्षामनोशिज्ञान, सयूमपशललकेिन, 1998
- जायसिलएस.आर, भारतीयमनोशिज्ञानऔरशिक्षा, आयमबुकडीपोनईशिल्ली
- शत्रपाठीिाशलग्राम, शिक्षणव्यवहार, राधापशललकेिन, नईशिल्ली
- गुप्ताएस.पी, शिक्षामनोशिज्ञान, िाखाप्रकािन, मेरठ
- युगशकम्बल, शिक्षामनोशिज्ञानकीआधारशिला, शिनोिपुस्तकमंशिर, आगरा
- Aggarwal. J.C.(n.d.). *Essentials of Educational Psychology*: Vikas Publishing house
- Bhatnagar Suresh (n.d.). *Advanced Educational Psychology*, Lal Book Depot, Meerut.
- Bigge, Morris. L (1971). *Learning theories for teachers*. New York: Harper & Row.
- Chauhan S.S. (1978). *Advanced educational psychology*. Vikas Publishing House.
- Dash M. (1994). *Educational Psychology*. New Delhi, Deep & Deep Publications.
- Dececco John, P. *The Psychology of Learning and Instruction*. New Delhi, Prentice Hall of India. 1968
- Hilgand, E.R. & Bower, S.H., (1975). *Theories of Learning*. Englewood Cliffs New Jersey: Prentice Hall.
- Hurlock, E. B. (2004). *Developmental Psychology: A Life span Approach*. New Delhi, Tata McGrawHill Publishing Co. Ltd.
- Mathur, S.S. *Educational Psychology*. Agra, Vinod Pustak Mandir. 1986
- Mazur, J.E. (1994). *Learning and Behaviour*. Englewood Cliffs. New Jersey; Prentice Hall.
- Rani, A. (2011). *Psychology of learning Behavior*. New Delhi, Centrum Press.

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B.A. 3rd Year Semester v
Paper no.- P9
Course Title: Educational Assessment
Total Credit: 4 (3Theory+1Practicum)

Course Learning Outcomes

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 types of tests.
- Test Aptitude of a subject.

Unit	Topics
I	<u>BASICS OF ASSESSMENT</u>
	• Assessment, Measurement, Evaluation: Concept, Features and Difference. • Physical vs Psychological Measurements. • Continuous and Comprehensive Evaluation: Meaning, purpose and Aspects.
II	<u>NORMS</u>
	• Norms: Meaning and Significance • Marks vs Grades • Credit System
III	<u>ACHIEVEMENT TESTS</u>
	• Meaning, purpose and Types. • Subjective vs Objective tests. • Characteristics of a Good test.
IV	<u>APTITUDE</u>
	• Aptitude: concept and type • Characteristics of Aptitude. • Measurement of Aptitude.

PRACTICUM (to be internally evaluated)

1. Written assignment based on the content of the Paper.
2. Prepare different types of Multiple Choice Questions.

Suggested Readings:

- गुप्ताएस.पी, शिक्षकै मापनएिमल्यांकनू , िारिपुस्तकभिन, आगरा
- नन्ि. पचौरीणिमाम, शिक्षामनोशिज्ञानएिमापन, संजयपशललकेिन्स, आगरा
- भटनागरएस, शिक्षामनोशिज्ञान, सयूमपशललकेिन, 1998
- शसंहए.के ,शिक्षामनोशिज्ञान, भारतीभिन, 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

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Course Learning Outcomes

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

- List and differentiate the different education programs and schemes.
- Use MOOCs and SWAYAM.
- Collect and use material from OERs.
- Review e-journals and e-Magazines.

Unit	Topics
I	<u>MILESTONES: MAIN PROGRAMS AND SCHEMES</u> • ICDS • SSA. • Mid-day Meal. • RMSA. • RUSA. • NMEICT. • RTE. • PMMMNMTT.
II	<u>MILESTONES: EDUCATIONAL INSTITUTIONS OF INDIA</u> • Shanti Niketan. • Vanasthali Vidyapeeth • Rajghat Basant School, Varanasi • Sri Aurobindo Ashram School, Puducherry • Sainik School
III	<u>EDUCATIONAL TECHNOLOGY</u> • ICT: Meaning, Type, Concept and Need. • ICT and Education. • Approaches of Educational Technology. • Computer and Internet: Application in Education
IV	<u>INITIATIVES AND INNOVATIONS</u> • EDUSAT, EDUCOM. • MOOCs, SWAYAM. • OERs. • e-journals and e-Magazines. • NAD, NIRF, e-Pathshala.

PRACTICUM (to be internally evaluated)

1. Written assignment based on the content of the Paper.
2. Prepare a Power Point Presentation of your assignment.

Suggested Readings:

- या.ि.एस.आर.रितीशिक्षा, शिनो.िपुस्तकमंशिर, 2001
- िमामजी.आर.शिक्षणतकनीकी, स्.िरूपएंडसन्स, न्यूशिल्ली, 1992
- भा.ि.ूआर.आर, साक्षरताशिक्षा, िनिचार, हंसाप्रका.िन, जयपुर
- सक्सेनाआर.आर, निचारीशिक्षणपद्धतयां, राजस्थानशहन्.िीग्रंथअका.िमी
- Agarwal, S.P. and Aggarwal, J.C. *Environmental protection, education and development. New Delhi, New Concepts. 1996*
- Aggarwal J.C. *Essentials of Educational Technology - Learning Innovations. New Delhi, Vikas Publications. 1995*
- Kumar, K.L. *Educational Technology, New Delhi, New Age International (P) Ltd. Publishers. 2000*
- Kaushal, S. & Mahapatra. *Emerging Trends in Inclusive Education. Delhi, IVY Pub. 2007*
- Laxmi S. *Innovations in Education, Delhi Sterling Publishers. 1989*
- Reddy, P. K. & Reddy, N. D. *Environmental Education. Hyderabad: Neelkamal publications. 2001*
- Sampath, K. et. Al. *Introduction to Educational Technology, New Delhi, Sterling Publishers. 1998*
- Sharma, B. L., & Maheswari, B. K. *Education for environmental and human value. Meerut, R.Lall Books Depot. 2008*
- Singh, Y. K. *Teaching of environmental science, New Delhi, APH Publishing 2009*
- Corporation. Underwood, Jean D.M., and Underwood, G. *Computers and learning – helping children acquire thinking skills, Oxford, Basil Blackwell. 1990*

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B.A. 3rd Year Semester VI
Paper no.- P11
Course Title: Intelligence and Personality
Total Credit: 4 (3Theory+1Practicum)

Course Learning Outcomes

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

- Define Intelligence and Personality
- Describe various theories of Intelligence and Personality.
- Classify different Intelligence and Personality tests.
- Test Intelligence and Personality of a subject.

Unit	Topics
I	<u>INTELLIGENCE</u> • Intelligence: Concept and Types • Concept of Emotional Intelligence.
II	<u>MEASUREMENT OF INTELLIGENCE</u> • Verbal, Non-Verbal test • Individual Tests and Group test
III	<u>PERSONALITY</u> • Personality: concept and types • Theories of Personality: Trait and Type
IV	<u>ASSESSMENT OF PERSONALITY</u> • Objective, Subjective and Projective Techniques.
	<u>PRACTICUM (to be internally evaluated)</u> 1. Written assignment based on the content of the Paper. 2. Administration and Interpretation of Scores of any one Intelligence test and any one Personality test

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Suggested Readings:

- गुप्ताएस.पी, शिक्षकै मापनएँमल्यांकनू , िारिपुस्तकभिन, आगरा
- नन्ि. पचौरीएँिमाम, शिक्षामनोशिज्ञानएँिमापन, संजयपशललकेँिन्स, आगरा
- भटनागरएस, शिक्षामनोशिज्ञान, सयूमपशललकेँिन, 1998
- शसंहए.के ,शिक्षामनोशिज्ञान, भारतीभिन, 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

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Course Learning Outcomes

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

- Define Education and Psychology
- Relate Education and Psychology
- Compare characteristics and needs of different stages of development.
- Name different approaches of learning.
- Distinguish between different psychological traits.

Unit	Topics
I	<u>EDUCATION AND PSYCHOLOGY</u> • Psychology: Concept and Scope. • Relation of Education and Psychology. • Importance of Educational Psychology. • Methods of Studying Educational Psychology.
II	<u>PROCESS OF DEVELOPMENT</u> • Development/Meaning and Forms. • Growth and Development. • Stages of Development. • Forms of Development-Physical, Mental, Emotional, Social, Motor Development, Language Development.
III	<u>UNDERSTANDING LEARNING</u> • Meaning, Nature and Factors Influencing Education. • Learning Styles: VARK. • Transfer of Learning and its classroom implications. • Learning Theories: Pavlov's Classical Conditioning Theory, Skinners Operant Conditioning Theory, Thorndike Trial and Error Theory, Gestalt Theory and their Educational Implications.
IV	<u>FOUNDATIONS OF BEHAVIOUR</u> • Instincts. • Sensation, Perception and Concept. • Motivation. • Memory. • Attention and Interest. • Thinking, Reasoning and Imagination. • Habit. • Fatigue

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PRACTICUM (to be internally evaluated)

1. Written assignment based on the content of the Paper.
2. Prepare a chart on Learning theories with their propounders.

Suggested Readings:

- भटनागरएस, शिक्षामनोशिज्ञान, सयूमपशललकेिन, 1998
- जायसिलएस.आर, भारतीयमनोशिज्ञानऔरशिक्षा, आयमबुकडीपोनईशिल्ली
- शत्रपाठीाशलग्राम, शिक्षणव्यवहार, राधापशललकेिन, नईशिल्ली
- गुप्ताएस.पी, शिक्षामनोशिज्ञान, िाखाप्रकािन, मेरठ
- युगशकम्बल, शिक्षामनोशिज्ञानकीआधारशिला, शिनोिपुस्तकमंशिर, आगरा
- Aggarwal. J.C.(n.d.). Essentials of Educational Psychology: Vikas Publishing house
- Bhatnagar Suresh (n.d.). *Advanced Educational Psychology*, Lal Book Depot, Meerut.
- Bigge, Morris. L (1971). *Learning theories for teachers*. New York: Harper & Row.
- Chauhan S.S. (1978). *Advanced educational psychology*. Vikas Publishing House.
- Dash M. (1994). *Educational Psychology*. New Delhi, Deep & Deep Publications.
- Dececco John, P. *The Psychology of Learning and Instruction*. New Delhi, Prentice Hall of India. 1968
- Hilgand, E.R. & Bower, S.H., (1975). *Theories of Learning*. Englewood Cliffs New Jersey: Prentice Hall.
- Hurlock, E. B. (2004). *Developmental Psychology: A Life span Approach*. New Delhi, Tata McGrawHill Publishing Co. Ltd.
- Mathur, S.S. *Educational Psychology*. Agra, Vinod Pustak Mandir. 1986
- Mazur, J.E. (1994). *Learning and behaviour*. Englewood Cliffs. New Jersey; Prentice Hall.
- Rani, A. (2011). *Psychology of learning Behavior*. New Delhi, Centrum Press.

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B.A. 2nd Year Semester IV

Paper no.- P7

Course Title: Philosophical and Sociological Perspectives of Education – II

Total Credit: 4 (3Theory+1Practicum)

Course Learning Outcomes

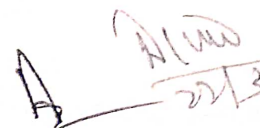
On completion of this course, learners will be able to:

- Compare the Indian and Western Philosophical thoughts.
- Relate Education with Political and Economic issues.
- Distinguish between Fundamental Rights and duties.
- Value role of Education for Sustainable Development

Unit	Topics
I	<u>A BRIEF INTRODUCTION TO WESTERN PHILOSOPHIES</u> • Idealism. • Naturalism. • Pragmatism.
II	<u>SOME PROMINENT EDUCATIONAL THINKERS</u> • Mahatma Gandhi. • Swami Vivekanand. • B.R. Ambedkar. • Rousseau. • Dewey.
III	<u>POLITICAL PERSPECTIVES OF EDUCATION</u> • Fundamental Rights and Duties. • Directive Principles.
IV	<u>ECONOMIC PERSPECTIVES OF EDUCATION</u> • Education as Development Indicator. • Education for Sustainable development • UN Millennium Development Goals vs Sustainable Development Goals. • Education as an Investment & Returns •
	<u>PRACTICUM (to be internally evaluated)</u> 1. Written assignment based on the content of the Paper. 2. Review a book written by any prominent educational thinker included in this course.

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Suggested Readings:

- कमर, के. शिक्षा और ज्ञान. शिल्ली, ग्रंथशिल्पी. 2002
- सलजा ू सी. के, शिक्षा ििमन, शहं िीमाध्यमकायामन्ियनशनि िालय नई शिल्ली
- धकर आर. शिक्षा और समाज. हरयाणा, आधर प्रका िन. 2006
- ओड एल. के, शिक्षा की िा िमशनक पष्टभू शमू , राजस्थान शहन् िी ग्रंथ अका िमी, 1994
- पांडेय के.पी, शिक्षा के िा िमशनक िं सामाशजक आधार, िाराणसी शिश्वशिद्यालय प्रका िन
- Archer, M.S. *Social Origins of Educational Systems*, New Delhi: Sage. 1984
- Brubacher, John S. (ed) *.Modern Philosophy of Education*, New Jersey: Prentice Hall Inc., Englewood Cliffs. 12 Hours. 1962
- Cohen, B. *Educational Thought: An Introduction*. Macmillan, Britain. 1969
- Dewey, J. *The School and Society*. Chicago, The University of Chicago Press. 1915
- Durkheim, E. *Education and Sociology*. New York: The Free Press. 1956
- Elmhirst, L.K. *Rabindranath Tagore: Pioneer in Education*. Delhi: Sahitya Chayan. 1994
- Freire, P. *Pedagogy of the Oppressed*. London, Penguin Books. N.p. 1970
- Kneller, G.F. *Foundations of Education*. London and New York, John Wiley and Sons, Inc. 1963
- Kumar, K. *The Political Agenda of Education: A Study of Colonialist and nationalist Ideas*. New Delhi, Sage Publications. 1991
- Shukla, S. and Kumar, K. *Sociological Perspective in Education*. New Delhi, Chanakya Publications. 1985
- Shukla, S. C. and Kaul, R. (eds.) *Education, Development and Underdevelopment*, New Delhi: Sage. 1998

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Suggested Readings:

- भटनागरएस, शिक्षामनोशिक्षान, सयूमपशललकेिन, 1998
- जायसालएस.आर, भारतीयमनोशिक्षानऔरशिक्षा, आयमबुकडीपोनईशिल्ली
- शत्रपाठीाशलग्राम, शिक्षणव्यवहार, राधापशललकेिन, नईशिल्ली
- गुप्ताएस.पी, शिक्षामनोशिक्षान, िाखाप्रकािन, मेरठ
- युगशकम्बल, शिक्षामनोशिक्षानकीआधारशिला, शिनोिपुस्तकमंशिर, आगरा
- Aggarwal. J.C.(n.d.). *Essentials of Educational Psychology*: Vikas Publishing house
- Bhatnagar Suresh (n.d.). *Advanced Educational Psychology*, Lal Book Depot, Meerut.
- Bigge, Morris. L (1971). *Learning theories for teachers*. New York: Harper & Row.
- Chauhan S.S. (1978). *Advanced educational psychology*. Vikas Publishing House.
- Dash M. (1994). *Educational Psychology*. New Delhi, Deep & Deep Publications.
- Dececco John, P. *The Psychology of Learning and Instruction*. New Delhi, Prentice Hall of India. 1968
- Hilgand, E.R. & Bower, S.H., (1975). *Theories of Learning*. Englewood Cliffs New Jersey: Prentice Hall.
- Hurlock, E. B. (2004). *Developmental Psychology: A Life span Approach*. New Delhi, Tata McGrawHill Publishing Co. Ltd.
- Mathur, S.S. *Educational Psychology*. Agra, Vinod Pustak Mandir. 1986
- Mazur, J.E. (1994). *Learning and Behaviour*. Englewood Cliffs. New Jersey; Prentice Hall.
- Rani, A. (2011). *Psychology of learning Behavior*. New Delhi, Centrum Press.

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B.A. 3rd Year Semester V
Paper no.- P9
Course Title: Educational Assessment
Total Credit: 4 (3Theory+1Practicum)

Course Learning Outcomes

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 types of tests.
- Test Aptitude of a subject.

Unit	Topics
I	<u>BASICS OF ASSESSMENT</u> • Assessment, Measurement, Evaluation: Concept, Features and Difference. • Physical vs Psychological Measurements. • Continuous and Comprehensive Evaluation: Meaning, purpose and Aspects.
II	<u>NORMS</u> • Norms: Meaning and Significance • Marks vs Grades • Credit System
III	<u>ACHIEVEMENT TESTS</u> • Meaning, purpose and Types. • Subjective vs Objective tests. • Characteristics of a Good test.
IV	<u>APTITUDE</u> • Aptitude: concept and type • Characteristics of Aptitude. • Measurement of Aptitude.

PRACTICUM (to be internally evaluated)

1. Written assignment based on the content of the Paper.
2. Prepare different types of Multiple Choice Questions.

Suggested Readings:

- गुप्ताएस.पी, शिक्षकै मापनएमल्यांकनू , िारिपुस्तकभिन, आगरा
- नन्ि. पचौरीणिमाम, शिक्षामनोशिज्ञानणिमापन, संजयपशललकेिन्स, आगरा
- भटनागरएस, शिक्षामनोशिज्ञान, सयूमपशललकेिन, 1998
- शसंहए.के ,शिक्षामनोशिज्ञान, भारतीभिन, 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

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B.A. 3rd Year Semester V

Paper no.- P10

Course Title: Milestones and New Dimensions of Indian Education - I

Total Credit: 4 (3Theory+1Practicum)

Course Learning Outcomes

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

- List and differentiate the different education programs and schemes.
- Use MOOCs and SWAYAM.
- Collect and use material from OERs.
- Review e-journals and e-Magazines.

Unit	Topics
I	<u>MILESTONES: MAIN PROGRAMS AND SCHEMES</u> • ICDS • SSA. • Mid-day Meal. • RMSA. • RUSA. • NMEICT. • RTE. • PMMMNMTT.
II	<u>MILESTONES: EDUCATIONAL INSTITUTIONS OF INDIA</u> • Shanti Niketan. • Vanasthali Vidyapeeth • Rajghat Basant School, Varanasi • Sri Aurobindo Ashram School, Puducherry • Sainik School
III	<u>EDUCATIONAL TECHNOLOGY</u> • ICT: Meaning, Type, Concept and Need. • ICT and Education. • Approaches of Educational Technology. • Computer and Internet: Application in Education
IV	<u>INITIATIVES AND INNOVATIONS</u> • EDUSAT, EDUCOM. • MOOCs, SWAYAM. • OERs. • e-journals and e-Magazines. • NAD, NIRF, e-Pathshala.

PRACTICUM (to be internally evaluated)

1. Written assignment based on the content of the Paper.
2. Prepare a Power Point Presentation of your assignment.

Suggested Readings:

- चाँिएस.आरुिरीतीशिक्षा, शिनोिपुस्तकमशिर, 2001
- िमामजी.आरशिक्षणतकनीकी, स्िरूपएंडसन्स, न्यूशिल्ली, 1992
- भाँिूआर.आर, साक्षरताशिक्षा, णिनिचार, हंसाप्रकाँिन, जयपुर
- सक्सेनाआर.आर, निचारीशिक्षणपद्धतयां, राजस्थानशहन्िीग्रंथअकाँिमी
- Agarwal, S.P. and Aggarwal, J.C. *Environmental protection, education and development. New Delhi, New Concepts. 1996*
- Aggarwal J.C. *Essentials of Educational Technology - Learning Innovations. New Delhi, Vikas Publications. 1995*
- Kumar, K.L. *Educational Technology, New Delhi, New Age International (P) Ltd. Publishers. 2000*
- Kaushal, S. & Mahapatra. *Emerging Trends in Inclusive Education. Delhi, IVY Pub. 2007*
- Laxmi S. *Innovations in Education, Delhi Sterling Publishers. 1989*
- Reddy, P. K. & Reddy, N. D. *Environmental Education. Hyderabad: Neelkamal publications. 2001*
- Sampath, K. et. Al. *Introduction to Educational Technology, New Delhi, Sterling Publishers. 1998*
- Sharma, B. L., & Maheswari, B. K. *Education for environmental and human value. Meerut, R.Lall Books Depot. 2008*
- Singh, Y. K. *Teaching of environmental science, New Delhi, APH Publishing 2009*
- Corporation. Underwood, Jean D.M., and Underwood, G. *Computers and learning – helping children acquire thinking skills, Oxford, Basil Blackwell. 1990*

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B.A. 3rd Year Semester VI
Paper no.- P11
Course Title: Intelligence and Personality
Total Credit: 4 (3Theory+1Practicum)

Course Learning Outcomes

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

- Define Intelligence and Personality
- Describe various theories of Intelligence and Personality.
- Classify different Intelligence and Personality tests.
- Test Intelligence and Personality of a subject.

Unit	Topics
I	<u>INTELLIGENCE</u> ● Intelligence: Concept and Types ● Concept of Emotional Intelligence.
II	<u>MEASUREMENT OF INTELLIGENCE</u> ● Verbal, Non-Verbal test ● Individual Tests and Group test
III	<u>PERSONALITY</u> ● Personality: concept and types ● Theories of Personality: Trait and Type
IV	<u>ASSESSMENT OF PERSONALITY</u> ● Objective, Subjective and Projective Techniques.
	<u>PRACTICUM (to be internally evaluated)</u> 1. Written assignment based on the content of the Paper. 2. Administration and Interpretation of Scores of any one Intelligence test and any one Personality test

Suggested Readings:

- गुप्ताएस.पी, शिक्षक के मापन एमिल्यांकनू , विरारिपुस्तकभिन, आगरा
- नन्दि. पचौरी एमिमाम, शिक्षामनोशिज्ञान एमिपन, संजयपशललकेन्स, आगरा
- भटनागरएस, शिक्षामनोशिज्ञान, सयूमपशललकेन्स, 1998
- शसंहए.के , शिक्षामनोशिज्ञान, भारतीभिन, 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

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B.A. 3rd Year Semester VI

Paper no.- P12

Course Title: Milestones and New Dimensions of Indian Education - II

Total Credit: 4 (3Theory+1Practicum)

Course Learning Outcomes

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

- List and differentiate the different education programs and schemes.
- Use MOOCs and SWAYAM.
- Collect and use material from OERs.
- Review e-journals and e-Magazines.

Unit	Topics
I	<u>SOCIETAL TRENDS AND EDUCATION</u> • Inclusion. • Human Rights. • Value and Moral Education. • Women Empowerment
II	<u>CULTURAL TRENDS AND EDUCATION</u> • Social Media. • Demographic changes. • Globalization • Peace Education
III	<u>ENVIRONMENT: CONCEPT AND CONCERNS</u> • Environment and Ecosystems • Environmental Pollution. • Ozone layer depletion. • Greenhouse effect. • Global Warming.
IV	<u>ENVIRONMENT AND EDUCATION</u> • Environmental Education: Concept, Aims and importance. • Awareness towards Environmental Issues. • Conservation of Natural Resources and Utilization of Non-Conventional Resources.
	<u>PRACTICUM (to be internally evaluated)</u> 1. Written assignment based on the content of the Paper. 2. Prepare a chart on any Environmental concern.

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Suggested Readings:

- या.ि.एस.आरितीशिक्षा, शिनो.िपुस्तकमंशिर, 2001
- िमामजी.आरशिक्षणतकनीकी, स्.िरूपएंडसन्स, न्यूशिल्ली, 1992
- भा.ि.ूआर.आर, साक्षरताशिक्षा, णिनिचार, हंसाप्रका.िन, जयपुर
- सक्सेनाआर.आर, निाचारीशिक्षणपद्धतयां, राजस्थानशहन्.िीग्रंथअका.िमी
- Agarwal, S.P. and Aggarwal, J.C. *Environmental protection, education and development. New Delhi, New Concepts. 1996*
- Aggarwal J.C. *Essentials of Educational Technology - Learning Innovations. New Delhi, Vikas Publications. 1995*
- Kumar, K.L. *Educational Technology, New Delhi, New Age International (P) Ltd Publishers. 2000*
- Kaushal, S. & Mahapatra. *Emerging Trends in Inclusive Education. Delhi, IVY Pub. 2007*
- Laxmi S. *Innovations in Education, Delhi Sterling Publishers. 1989*
- Reddy, P. K. & Reddy, N. D. *Environmental Education. Hyderabad: Neelkamal publications. 2001*
- Sampath, K. et. Al. *Introduction to Educational Technology, New Delhi, Sterling Publishers. 1998*
- Sharma, B. L., & Maheswari, B. K. *Education for environmental and human value. Meerut, R.Lall Books Depot. 2008*
- Singh, Y. K. *Teaching of environmental science, New Delhi, APH Publishing 2009*
- Corporation. Underwood, Jean D.M., and Underwood, G. *Computers and learning – helping children acquire thinking skills, Oxford, Basil Blackwell. 199*

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B.A. 3rd Year Semester VI
Optional Paper no.- P13A
Course Title: Educational Administration and Management
Total Credit: 4 (3Theory+1Practicum)

Course Learning Outcomes

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

- Describe different Educational Organizations.
- Compare Administration and Management.
- Identify functions of Educational administration.

Unit	Topics
I	<u>EDUCATIONAL ORGANIZATIONS</u> • Meaning and Types. • Characteristics of Educational Organizations.
II	<u>EDUCATIONAL ADMINISTRATION</u> • Meaning, Concept and Types of Educational Administration. • Administration vs Management. • Principles of Educational Administration. • Administrative Skills.
III	<u>DEVELOPMENT OF EDUCATIONAL ADMINISTRATION AND MANAGEMENT</u> • Classical School • New Classical School • New Management
IV	<u>FUNCTIONS OF EDUCATIONAL ADMINISTRATION</u> • POSDCORB
	<u>PRACTICUM (to be internally evaluated)</u> 1. Written assignment based on the content of the Paper. 2. Visit any Secondary School and make a report on its administrative system.

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Suggested Readings:

● भटनगर आर.पी, शिक्षक प्रिंसन, आरलाल बुक डीपोट, 2015

- ओडएल.के, शिक्षक प्रिंसन, राजस्थान शाहंी ग्रंथ अकािमी, जयपुर
- िमाम, एल.एन. भारतीय शिक्षा व्तिस्था ँिप्रिंसन तंत्र, राजस्थान शाहंी ग्रंथ अकािमी, जयपुर.
- Bhatnagar S.S. & Gupta P.K. (Educational Administration and Management (n.p.).
- Khawas, E. Accountability and Quality Assurance: New Issues for Academic Inquiry, International Handbook of Higher Education, vol. (1) Springer Verlag, Berlin 2006 ● Kudesia, U. Chandra (n.d.) Education Administration Management (n.p.).
- Sharma, R.A. (n.d.). Education Administration and Management. Meerut, Loyal Book Depot.
- Sukhiya, S.P. (n.d.) Vidyalaya Prashashan Avam Sangathan. Agra, Agarwal publication. ● <http://mlrd.gov.in/school-education>
- <http://mlid.gov.in/schemes-1>

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B.A. 3rd Year Semester VI
Optional Paper no.- P13B
Course Title: Educational Statistics - Basic
Total Credit: 4 (3Theory+1Practicum)

Course Learning Outcomes

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

- Define Statistical terms.
- Prepare graphical charts.
- Survey and collect data.

Unit	Topics
I	<u>INTRODUCTION TO STATISTICS</u> • History of Statistics • Definition and Need of Statistics. • Types of Statistics • Symbols in Statistics
II	<u>PRESENTATION AND ORGANIZATION OF DATA</u> • Organization of data: ◦ Simple array ◦ Frequency array ◦ Frequency Distribution • Class Interval: ◦ Inclusive ◦ Exclusive
III	<u>GRAPHICAL REPRESENTATION OF DATA</u> • Bar diagram • Histogram • Pie chart
IV	<u>NORMAL PROBABILITY CURVE</u> • Concept and Characteristics.

PRACTICUM (to be internally evaluated)

1. Written assignment based on the content of the Paper.
2. Depict a tabulated Data in various Graphical forms.

Suggested Readings:

- अस्थानाशिशपन, िशक्षकै अनुसंधानऐसांशययकी, अग्रिलपशललकेिन्स, 2011.
- कशपलएच.के ,अनुसंधानशिशधयां, भागमिशप्रंटसम, आगरा
- पांडेयके.पी, िशक्षकै अनुसंधान, िाराणसीशिश्वशिद्यालयप्रकाििन
- Agresti & Finlay, *Statistical Methods for the Social Sciences*. New Jersey, Prentice Hall. 2010
- Garret H.E., *Psychological Tests, Methods, and Results* Nabu 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

B.A. 3rd Year Semester VI
Optional Paper no.- P13C
Course Title: Innovations in Education
Total Credit: 4 (3Theory+1Practicum)

Course Learning Outcomes

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

- Develop awareness of various innovative practices and experiments in education.
- Develop awareness in contemporary modern issues and inspiring Innovations around the Globe.
- Develop innovative trends for growth and healthy living.
- Develop understanding of technical devices for inspiring innovations around the Globe.

Unit	Topics
I	<u>INNOVATIVE CLASSROOM</u> • Innovation– Meaning, concept, need and scope in view of technological, social change & scientific temper, Obstacles in innovation, role of Education in overcoming obstacles and in bringing innovations. • Innovative Classroom: Musical & Theatrical, Classroom without four walls, Drama in Education, Understanding social & environmental issues and local culture, Self realization, Creative expression by drama.
II	<u>INNOVATIVE EXPERIMENTS</u> • Case Studies of Innovations in reference to Educational Institutions (CASE Baroda, Shantiniketan, Vidya Bhawan Udaipur), Innovative approach of Inclusive Education. • Innovative Experiments in Education: Banasthali Vidyapeeth, SNDT University, People Science Movement, Hoshingabad Science Teaching Project. Educational rights of Transgender Community with special reference to Supreme Court judgment of 2014.
III	<u>INNOVATIVE TRENDS</u> • Some Innovative trends in teaching: Cooperative Learning Strategies, Constructivism, Concept Mapping, Simulation (Role Play), Reciprocal Peer Teaching, Inter & Multi Disciplinary Approach.

IV	<u>INNOVATIVE PRACTICES</u> • Some Inspiring Innovations in Education around the Globe: Robert Teacher, Forest Kindergarten, Free University Education, 3D Learning, Literacy Brigades, Teacher Autonomy, the Paperless Classroom. • Changing face of School and University in the age of information and communication technology, E-learning in Education, Interactive Radio, EDUSET, Internet, Tele-conferencing, Virtual reality, Swayam.
	<u>PRACTICUM (to be internally evaluated)</u> 1. Written assignment based on the content of the Paper. 2. Prepare a chart on any innovative practice.
Suggested Readings: • Badheka, G. (1988). Divaswapna (K. Triwedi, Trans.). India: National Book Trust. • Chauhan S.S. (1994). Innovations in teaching learning process. New Delhi: Vikas Publishing House P. Ltd. • Kuroyanagi, T. (1981). Totto-Chan (D. Britton, Trans). Tokyo: Kodansha Publishers Ltd. • Laxmi, S. (1989). Innovations in Education. Delhi: Sterling Publishers Pvt. Ltd. • NCERT (1979). Experimentation & Innovations in School: A handbook. New Delhi: NCERT. • Radjou, N., Prabhu, J. & Ahuja, S. (2015). Jugaad. Gurgaon: Random House Group Ltd. • Shivani (1986). Amader Shantiniketan. New Delhi: Rajkamal Publication.	

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B.A. 4th Year Education- BACHLOR OF ARTS DEGREE IN EDUCATION
RESEARCH

B.A. 4th Year Semester VII

Paper no- P14

Course Title: Educational Technology

Total Credit: 4 (3Theory+1Practicum)

Course Learning Outcomes

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

- Know about basics of educational technology
- Understand the concept of teaching, of teaching phase and levels of teaching
- Understand communication, models and different methods of getting learning and information
- Familiarize with new trends and techniques in education along with web based Instruction
- Become good practitioner of Educational technology
- Use the e-learning materials and media for effective learning;
- Develop an awareness about the recent innovations and future prospects of Education Technology

Unit	Topics
I	<u>EDUCATIONAL TECHNOLOGY</u> • Meaning & Definitions, scope and significance. • Development of Educational Technology • Technology in Education and Technology of Education • Forms of Educational Technology • Difference among Educational Technology, Instructional Technology and Information Technology • Concept of Systems Approach in Education
II	<u>TEACHING TECHNOLOGY</u> • Concept of teaching: Meaning, definition, nature and scope of teaching. • Taxonomy of teaching objectives; Writing teaching objectives in behavioral terms • Modalities of teaching: Conditioning, Training, Instruction and Indoctrination, • Difference between teaching and Instruction, conditioning & training,

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	• Phases of teaching: Pre-active, Interactive and Post-active phase of teaching • Levels of Teaching: Memory, Understanding and Reflective levels
III	<u>UNDERSTANDING EDUCATIONAL TECHNOLOGY</u> • Concept of Communication • Models of Teaching: -Definition and characteristics and Families (i) Information processing models (ii) Inquiry training model (iii) Concept attainment Model (iv) Advance organizer model (v) Social interaction model (vi) Jurisprudential model. (vii) Personal development model (viii) Non directive teaching, modification: Programmed Instruction. • Teaching machines, Overhead projector (OHP), LCD Projector, Role of Computers in Education, Instructional Television, Closed circuit television (CCTV) and uses. • Blended learning; Mobile learning (M learning). Web Based Instruction (WBI), • Concept of OER and MOOCs • Virtual Universities; Concept of Artificial Intelligence
IV	<u>APPLICATION OF EDUCATIONAL TECHNOLOGY</u> • Edger Dale's Cone of experience, • Gagne's Nine Events of Instruction, • Programmed Instruction • Five 'E's of Constructivism • Role and Importance of major institutions of educational technology in India – UGC, IGNOU, CIET, SIET, NOS, NIST, CEC and EMMR
	<u>PRACTICUM (to be internally evaluated)</u> 1. Written assignment based on the content of the Paper.
Suggested Readings: • Aggarwal, J.C. (2001). Principles, methods and techniques of teaching. Delhi: Vikas Publication. Allison Little John (2003): Refusing Online Resources. A Sustainable Approach to e-Learning, Kogan Page Limited • Bengalee, Coomi (1986). Introduction to educational technology: innovations in education. • Mumbai: Saith. • Bhatia, K.K.(2001). Foundation of teaching learning process. Ludhiyana: Tandon Publishers.	

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- Bhatt, B. D., Sharma, S. R. (1992). Educational technology: concept and technique. New Delhi: Kanishka Publ House.
- Dahiya, S.S. (2008). Educational technology: towards better teaches preference. Delhi: Shirpa Publication.
- Dangwal, Kiran L (2010) . Computers in Teaching and Learning. Vinod Pustak Mandir: Agra
- Das, R. C. (1993). Education technology: a basic text. New Delhi: Sterling.
- Dasgupta, D. N. Communication and Education, , Pointer Publishers
- Heinich, Robert, Molenda, Michael, Russell, James D. (1989). Instructional media and the new technologies of instruction. New York: Macmillan.
- Information and Communication Technologies in Education: A Curriculum for School and Programme of Teacher Development, Handbook of UNESCO
- Information and Communication Technologies in Teacher Education: A Planning Guide, Handbook of UNESCO
- Jain, Purabi. (2004). Educational technology. New Delhi: Dominant.
- Joyce, Bruce (2009). Models of teaching. New Delhi: Phi Learning.
- Kumari, S. (2006). Increasing role of technology in education. Delhi: Isha.
- Mangal, S.K. (2002). Essentials of teaching learning and information technology. Ludhiyana: Tandon Publishers.
- Mukhopadhyay, M. (1990). Educational technology: challenging issues. New York: Sterling.

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Course Learning Outcomes

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

- Familiarize with the concept of Inclusive Education and appreciate its Philosophy in the context of Education for All.
- Identify and understand the problems of socially disadvantaged children
- Identify and address the diverse needs of all learners.
- Acquaint with the trends and issues in Inclusive Education
- Develop capacity for creating an inclusive School
- Appreciate various inclusive practices to promote Inclusion in the classroom.

Unit	Topics
I	<u>INCLUSIVE EDUCATION</u> • Concept, Meaning and Importance of Inclusive Education; • Objectives of Inclusive Education; • Models of Inclusion; • Difference between Special Education and Inclusive Education. • Historical perspective of inclusive Education for children with special needs.
II	<u>SOCIALLY DISADVANTAGED CHILDREN</u> • Meaning of socially disadvantaged children (ST, SC, OBC, Minority, Girls and Slum children). • Discrimination based on gender, caste and minority, Forms of disadvantage, • Problems of socially disadvantaged children
III	<u>CHILDREN WITH SPECIAL NEEDS</u> • Concept, Meaning, Classification, Characteristic and identification of gifted children. • Types of disabilities. Characteristics, Cause and identifications of the Educational needs of mental disabilities, physical disabilities and learning disabilities
IV	<u>INCLUSION IN SCHOOLS</u>

- Inclusive practices in the classroom. Pedagogical strategies: co-operative learning strategies, peer tutoring, social learning and multisensory teaching.
- Supportive services available in school to facilitate inclusive special teacher, speech therapist, physiotherapy, occupational therapist and Counselor.

PRACTICUM (to be internally evaluated)

1. Written assignment based on the content of the Paper.

Suggested Readings:

- fof'k'V ckyd % अमिता बाजपेई
- Baquer, A. & Sharma, A. (1997) .Disability: Challenges Vs. responses, Can Pub.
- Bartlett, L. D., Weisentein, G.R. (2003) Successful inclusion for educational leaders, Prentice Hall, New Jersey.
- Bhargava, M. (1994), Introduction to exceptional Children, Sterling Publishers.
- Blackurst & Berdine (1981), Introduction to Special Education
- Chaote Joyce, S. (1991) . Successful mainstreaming, Allyn & Bacon
- Daniels, Harry (1999) .Inclusive Education, London: Kogan.
- Dash, M. Education of Exceptional Children. New Delhi: Atlantic Publisher and Distributors.
- Giuliani, G. A. & Pierangelo, R. (2007) Understanding, developing and writing JEPs Corwin press, sage Pub
- Hallahan & Kauffman (1978), Exceptional Children: Introduction to special Education Prentice Hall
- Hegarthy, S. & Alur, M. (2002) Education of children with special needs: From segregation to inclusion, Corwin press, sage Pub
- Joyce S. Choate (1997). Successful inclusive teaching, Allyn & Ba
- Karant, P. & Rozario, J. ((2003). Learning Disabilities in India. Sage Pub.

B.A. 4th Year Semester VII
 Paper no. – P16
 Course Title: Guidance and Counselling
 Total Credit: 4 (3Theory+1Practicum)

Course Learning Outcomes

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

- Know the meaning, importance and types of Guidance and Counselling
- Sensitize towards the Educational and Vocational needs of the students
- Understand the need of Guidance in Education
- Understand the importance of Counselling in Education

Unit	Topics
I	<u>GUIDANCE AND EDUCATION</u> • Guidance: Meaning, Concept, Nature and Scope of Guidance • Objectives and Principles of Guidance • Need and Methods of Guidance (Group and Individual) • Types of Guidance (Educational, Vocational and Personal)
II	<u>EDUCATIONAL GUIDANCE</u> • Meaning, Need, and Importance • Educational Guidance at Primary level • Educational Guidance at Secondary level
III	<u>VOCATIONAL AND PERSONAL GUIDANCE</u> • Meaning, Need and Scope of Vocational Guidance • Vocational Guidance at Secondary and Higher level • Meaning, Need and Scope of Personal Guidance
IV	<u>COUNSELLING</u> • Meaning, Scope and Need • Types of Counselling: Directive and Non- Directive • Difference between Directive and Non- Directive Counselling • Public Relation and Guidance Program: Meaning and Importance
	<u>PRACTICUM (to be internally evaluated)</u> 1. Written assignment based on the content of the Paper. 2. Visit any Counselling Centre and report its functioning

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Suggested Readings:

- Aggarwal, J. C. (1991). Educational, vocational guidance and counseling. New Delhi: Doabai House.
- Bhatnagar, R P, & Seema, R. (2003). Guidance and counselling in education and psychology. Meerut: R. Lal Book Depot.
- Chauhan, S. S. (2008). Principles and techniques of guidance, Vikas Publishing House Pvt Ltd.
- Crow, L. D., & Crow, A. (2008). An introduction to guidance. Delhi: Surjeet Publications.
- Jones, A. J. (2008). Principles of guidance. (5ed). Delhi: Surjeet Publications.
- Kochhar, S. K. (1979). Guidance in Indian Education. New Delhi: Sterling Publishers Private Ltd.
- Sharma, N. R. (1989). Educational and vocational guidance. Agra: Vinod Pustak Mandir.
- Sharma, R. A. (2008). Career information in career guidance. Meerut: R. Lal Books Depot.
- Pandey, K.P. Advanced Educational Psychology. 2nd Ed. New Delhi: Konark Publishers Pvt. Ltd., 1988.

B.A. 3rd Year Semester VII

Paper No- P17

Course Title: Educational Statistics - Advance

Total Credit: 4 (3Theory+1Practicum)

Course Learning Outcomes

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

- Describe the data using various measures of Statistics
- Analyze the data with Suitable Statistical methods
- Draw inference from the data using various operations of statistics.

Unit	Topics
I	<u>MEASURES OF CENTRAL TENDENCY</u> • Definition, Uses • Computation of: Mean, Median, Mode
II	<u>MEASURES OF RELATIVE POSITION</u> • Concept of Relative Position • Percentile • Percentile Rank
III	<u>MEASURES OF VARIABILITY</u> • Definition, Uses • Computation: Range, Quartile Deviation, Mean Deviation, Standard Deviation.
IV	<u>CORRELATION</u> • Meaning, Types, Uses and Computation of: Coefficient of Correlation- Spearman's Rank Difference Method and Karl Pearson's Product moment Method.
	<u>PRACTICUM (to be internally evaluated)</u> 1. Written assignment based on the content of the Paper.

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Suggested Readings:

- अस्थानाशिशपन, िशक्षकै अनुसंधानऐसांशययकी, अग्रिलपशललकेिन्स, 2011.
- कशपलएच.के ,अनुसंधानशिशधयां, भागमिशप्रंटसम, आगरा
- पांडेयके.पी, िशक्षकै अनुसंधान, िाराणसीशिश्वशिक्षालयप्रकािन्
- Agresti & Finlay, *Statistical Methods for the Social Sciences*. New Jersey, Prentice Hall. 2010
- Garret H.E., *Psychological Tests, Methods, and Results* Nabu 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

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B.A. 4th Year Semester VII
Optional Paper no.- P18A
Course Title: Education for Happiness
Total Credit: 4 (3Theory+1Practicum)

Course Learning Outcomes

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

- Understand the concept of happiness and its interrelationship with education.
- Understand the role of happiness in education.
- Understand the demand of happiness in education and its reality (issues and problems) in Indian education system.
- Accustom with the underpinnings of happiness in various schools of philosophy.
- To know the perspective of various eastern and western philosophers on happiness.
- Understand the concept of education for happiness and its salient features.
- Understand the importance of education for happiness and implement in their teaching

Unit	Topics
I	<u>HAPPINESS</u> • Happiness: Concept, meaning and nature of happiness, domains of happiness and its factors. • Demand of education for happiness in 21st century, issues and problems (Primary, Secondary and Higher level of education). • Role of happiness in education • Relationship between happiness and education, positive discipline
II	<u>HAPPINESS: EASTERN VIEWPOINT</u> • Historical background of happiness: Eastern. • Eastern: Upanishad, Bhagvad Gita, Buddha, Sad-Darshan, Charvaka, Aurobindo, Vivekanand, J. Krishnamurti and Osho.
III	<u>HAPPINESS: WESTERN VIEWPOINT</u> • Historical background of happiness: Western. • Western: Socrates, Aristotle, Kant, Russell, Bentham and Mill, Seligman
IV	<u>EDUCATION FOR HAPPINESS</u> • Education for happiness: concept and meaning and salient features. • National Policies and Committee recommendations on Education for Happiness • Centres of Happiness: Aims and vision.

PRACTICUM (to be internally evaluated)

1. Written assignment based on the content of the Paper.

Suggested Readings:

- Haribhadra (1986). Sad-Darsana Samuccaya (A Copenidium of Six Philosophies). Delhi: Eastern Book Linkers
- Aurobindo (1977). Sri Aurobindo and the Mother on Happiness and Peace. Pondicherry: Sri Aurobindo Society.
- Kapoor, Subodh (2002). Encyclopaedia of Upanisads and its Philosophy (Vol. 4). New Delhi: Cosmo Publications
- Osho (2008). Joy: The Happiness that comes from within. NY: St. Martin's Press.
- Russell (n.d.). The Conquest of Happiness.
- Kant (2012). Critique of Judgement. NY: Dover Publications, Inc.
- Wike, V.S. (1994). Kant on Happiness in Ethics. Albany: State University of New York Press.
- Krishnamurti (1927). The Kingdom of Happiness. NY: Boni & Liveright.

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B.A. 4th Year Semester VII
Optional Paper no.- P18B
Course Title: Environmental and Population Education
Total Credit: 4 (3Theory+1Practicum)

Course Learning Outcomes

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

- Understand and know the concept, importance scope and aims of environmental education.
- Know about the various methods strategies and techniques of teaching environmental education for realizing its objectives and feel and develop concern about environmental issues.
- Know about the possible environmental hazards and enable them to combat, cope and eradicate their possible negative effects.
- Get acquainted with the various basic components of environment essentially required for developing an environmental education curriculum.
- Understand and become familiar with various projects, studies etc. being carried out in different countries of the world and utilize the resources for solving their own problems.

Unit	Topics
I	<u>ENVIRONMENTAL EDUCATION</u> 1. Environment: Concept, types, components and socio-cultural determinants. 2. Human Ecology: Concept, environment and adaptation. • Impact of human activities on environment. • Environmental hazards: environmental pollution (its types also); extinction of flora and fauna; deforestation; soil erosion. • Need for sustainable development and its meaning and implications. 3. Environmental Education: Concept, importance, scope, aims- objectives and guiding principles and foundations. • Relationship between environment and education – ecological and psychological perspective. • Content, objectives, methods and approaches (as a separate subject: as topical unit, as integrated and interdisciplinary subject) and strategies of environmental education at different educational levels. • Role of media.

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ISSUES IN ENVIRONMENTAL EDUCATION

II

4. Environmental degradation: meaning and areas.
 - Causes and factors responsible for the lowering of environmental quality.
5. Eco-environmental concerns in India: Present scenario and future needs.
6. Environmental management: concept, planning, organization and agencies.
 - National schemes and movements related to environmental protection.
 - Environmental laws and constitutional provisions.

POPULATION EDUCATION

III

7. Population Education: concept, objectives, scope and approaches.
 - Population explosion and environment.
8. Population scenario in world perspective: size and composition of population.
 - Demographic distribution and density of population with special reference to India.
9. Population Dynamics: determinants of population growth.
 - Traditional and sociological, economic and political, biological and psychological Factors in population.

ISSUES IN POPULATION EDUCATION

IV

10. Problems of Population Growth: family life, health and nutritional problems (with special reference to developing countries)
11. Population growth and Population policies: major institutions involved in population policies and implementation of programmes for population control.
12. Role of Teacher in Population Education:
 - as facilitator of knowledge .
 - as community leader in the process of social change.

PRACTICUM (to be internally evaluated)

1. Written assignment based on the content of the Paper.

Suggested Readings:

- Agarwal, A and Narain, S,-Towards a Green World, Centre for Science and Environment New Delhi.
- Agarwal, A. and Narain, S. (Eds.)-The state of India Environment, Centre for Science and Environment. New Delhi.
- Agnihotri-Environmental planning, Wiley Ltd., New Delhi.

- Bandhu, D. & Berberet, G. (Eds.)- Environmental Education for conservation and development. Proceedings of second International conference on Environmental Education, New Delhi, 1985.
- Bandhu, D. and Ramanathan, N.L. (Eds.)-Education for Environmental planning and conservation. Indian Environmental society, New Delhi, 1982.
- Botkin and Keller-Environmental Studies, Bell and Howell Co., U.S.A.
- Our common Future-Report of the world commission on Environment and Development, Oxford University Press, New Delhi.
- Pandey, K.P. and Pandey, S-Paryavaran Shiksha avam Bhartiya Sandarbh, Bhartiya Prayavaran Shiksha Parishad.
- Prakash, R : Man, science and Environment, Wiley, New Delhi.
- Prasad-Environmental pollution, Wiley, New Delhi.
- Rao- Environment Pollution Control, Wiley, New Delhi.
- Ray-Pollution and Health Wiley, New Delhi.
- Saxena-Environmental Education. Bhargava Book House,
- Sodthwick, C.H-Ecology and the Quality of our Environment. Van Nostrand Co., London.
- Swarup, R. et al-Environmental Health Education and Public understanding. Mittal Publications, New Delhi.
- Shukla-Environmental Resources Conservations, New Royal Book Co., Lucknow.
- Shukla-Concepts in Environmental Impact Analysis, New Royal Book Co., Lucknow.
- Shukla-Ecology and Environment, New Royal Book Co., Lucknow.
- Turk and Writes-Environmental Science, W.B. Saunders Co., London.
- Tripathi-Advances in Environmental science, New Royal Book Co., Lucknow.
- Varshney-Environmental Challenges, Wiley Ltd., New Delhi.
- Wahi-Environmental Management. Wiley Ltd., New Delhi.
- Agarwala, S.N.-India's Population Problem, McGraw Hill Pub. Co. Ltd., New Delhi.
- Agarwala, S.N.-India's Population, Asia, Publishing House, New Delhi.
- Anant Padmanabhan and Chandra, Ramesh (Ed.)-Population Education in Class Room, NCERT, New Delhi.
- Bose, Ashish et. al.- Population studies in India, Vikas Publishing House Pvt., New Delhi.
- Bose, Ashish-Studies in India's Urbanization 1901-71, Tate McGraw Hill Co., New Delhi.
- Bose, Ashish (Ed.)- Pattern of population change in India, Allied publishers, New Delhi.
- Sahu, Binod Kumar-Population Education, New Delhi-110016 published by sterling publishers Pvt. Ltd.

B.A. 4th Year Semester VII
Optional Paper No- P18C
Course Title: Value and Peace Education
Total Credit: 4 (3Theory+1Practicum)

Course Learning Outcomes

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

- Understand the nature and classification of values.
- Understand the importance of values in human life.
- Examine the role of values in Education.
- Understand the concept of world peace from different perspective.

Unit	Topics
I	<u>VALUE EDUCATION</u> • Meaning, Need and importance of value education in the present world. • Value system – Role of culture and civilization. • Concept of values in behavioural sciences, nature and sources of values, determinants of values (Biological, Social, Psychological, Ecological) – their bearing on education in varying degrees, Indian culture and values.
II	<u>CLASSIFICATION OF VALUES</u> • Classification of values: Material, Social, Moral and Spiritual; Inculcation of values through education, Theories of value, Positive and negative values. Role of education to overcome negative values. • Ethical values- Professional ethics, Mass media ethics, advertising ethics; Influence of ethics on family life. • Family values- Components, structure and responsibilities of family, Neutralization of anger, Adjustability, Threats of family life, Status of women in family and society, Caring for needy and elderly, Time allotment for sharing ideas and concerns.
III	<u>ISSUES AND IMPACT</u> • Levels of values realization, value conflict and their resolution, development of values as a personal and life long process. • Social awareness, Consumer awareness, Consumer rights and responsibilities, Redressal mechanisms.

- Effect of international affairs on values of life, Issue of Globalization- Modern warfare- terrorism, Environmental issues- mutual respect of different cultures, religions and their beliefs.

PEACE EDUCATION

IV

- Concept of World Peace in Indian Perspective- Vasudhaiv Kutubakam, Sarv Dharm Sambhav. Definition, Need and Importance of World Peace.
- Relevance of World Peace in Global World : First world war- causes, countries involved and result, Establishment of League of Nation, Second World War: causes, countries involved and result, Establishment of United Nations Organization (U.N.O.)
- Some Important Organizations in the world for World Peace: viz. United Nations Educational Scientific and Cultural Organization (UNESCO), UNO (year of establishment, Motto, Member countries, Head Quarters) Theosophical Movement and Communal Harmony for Peace.

PRACTICUM (to be internally evaluated)

1. Written assignment based on the content of the Paper.

Suggested Readings:

- Bandiste, D.D. (1999). Humanist Values: A Source Book. Delhi: B.R. Pub
- Chakravarthy, S. K. (1999). Values and ethics for Organizations: theory and Practice. New Delhi: Oxford University Press.
- Chitakra, M. G. (2003): Education and Human Values. New Delhi: A.P.H. Publishing.
- Das, M. S. & Gupta, V.K. (1995). Social Values among Young adults: A changing Scenario New Delhi: M.D. Publications.
- Department of Educational Psychology and Foundations of Education (n.d.). Education for Values in Schools: A Framework. New Delhi: NCERT.
- Rao, R. K. (1986). Moral Education: A Practical Approach. Mysore: RIMSE.
- Ruhela, S. P. (1986). Human Values and education. New Delhi: Sterling Publications.
- Satchidananda, M. K. (1991). Ethics, Education, Indian Unity and Culture. Delhi: Ajantha Publications.
- Swami Budhananda (1983). How to Build Character: A Prime. New Delhi: Ramakrishna Mission.
- Venkataiah, N. (1998). Value Education, New Delhi: APH.

B.A. 4th Year Semester VIII

Paper No- P19

Course Title: Research Methodology

Total Credit: 4 (3Theory+1Practicum)

Course Learning Outcomes

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

- Describe the nature, purpose, scope, areas and types of Research in Education
- Explain the characteristics of basic, applied and action research
- Understand the characteristics of quantitative, qualitative and mixed research
- Explain a sampling design appropriate for a research study
- Conduct a literature search and develop a research proposal

Unit	Topics
I	<u>INTRODUCTION TO EDUCATIONAL RESEARCH</u> • Meaning, purpose, scope and areas of Educational Research • Kinds of Educational Research: Basic, applied and action research and their characteristics • Approaches to Research in Education: qualitative, quantitative and mixed and their characteristics • Types of Research: Historical, Descriptive and Experimental
II	<u>INITIATION OF RESEARCH IN EDUCATION</u> • Identification and formulation of research problem • Writing objectives • Formulation of hypothesis • Framing of research questions • Nature and types of hypotheses: their sources • Characteristics of good hypotheses
III	<u>POPULATION AND SAMPLE</u> • Concept of population and sample. • Types of Sampling: probability and non-probability sampling • Methods of Sampling • Characteristics of a good sample
IV	<u>PREPARATION OF A RESEARCH PROPOSAL</u> • Sources of research problems, Review of the literature-Identifying Research Gaps • Resources, conducting the literature search: using databases and internet, internet search tools and quality of internet resources

- Framework of the research proposal and strategies for writing the research proposal
- Research Ethics

PRACTICUM (to be internally evaluated)

1. Written assignment based on the content of the Paper.
2. Identification of a Research Problem & Writing Objectives

Suggested Readings:

- Aggrawal, Y P. (1998). Statistical Methods. New Delhi: Sterling publishers Pvt.Ltd.
- Anfara, Vincent & Mertz Norma T. (2006). Theoretical Frameworks in Qualitative Research. SAGE Publication.
- Best J.W. and Kahn, J. V. (2006). Research in Education, 9th Ed. New Delhi: Pearson Education Inc.
- Best, J.W., & Kahn, J.V. (1992). Research in Education, New Delhi: Prentice Hall of India
- Borg, W.R. and Gall, M.D. (1983). Educational Research – An Introduction, New York, Longman, Inc.
- Buch. (2006). Surveys of Education Nos. 1,2,3,& 4, New Delhi: NCERT.
- Campbell, DT. (1966). Experimental and Quasi-Experimental Designs for Research. Chicago: McNally. Crofts,
- Creswell, J. W. (2007). Qualitative Inquiry and Research Design: Choosing Among Five Approaches. SAGE Publication.
- Creswell, J.W. (2002). Educational Research Planning, Conducting and Evaluating Quantitative and Qualitative Research. New Jersey: Merrill Prentice Hall.
- D.N. (1975). Practical Problems in Statistics. Allahabad: Kitab Mahal.
- Denzin, N.K. and Lincoln, Y.S. (eds.) (1994). Handbook of Qualitative Research, Thousands Oaks, CA: Sage. Elhance,
- Ellis, L. (1994). Research Methods in Social Sciences. Madison: Brown and Benchmark.
- Garrett, H.E. (2008). Statistics in Psychology and Education. Bombay: Vakil, Fiffer & Simons
- Good, C.V. (1963). Introduction to Educational Research. New York: Appleton Century
- Guilford, J.P., & Truchter, B. (1978). Fundamental Statistics in Psychology and Education. New York: McGraw Hill.
- Gupta, S. P. (1996). Statistical Methods, New Delhi: Sultan Chand & Sons.
- Kothari, C. R, (1998). Quantitative Techniques. New Delhi: Vikas Publishing House.
- Kumar Ranjith. (2005) Research Methodology: A step by step guide for beginners. Delhi

B.A. 4th Year Semester VIII
Course I
Course Title: Major Research Project/Dissertation
Total Credit: 12

Course Learning Outcomes

On completion of this course, learners will be able to

- Develop a stronger orientation towards research
- Understand Basic methods of research and different research tools

Suggested Readings:

- भटनागर, शिक्षक अनुसंधान की कायम प्रणाली, आर. लाल बुकशडपो, मेरठ
- गुप्ता एस.पी., शिक्षक संशोधन शिक्षा, विचार पुस्तक भिन, आगरा
- नन्दि. पचौरी एम.एम., शिक्षक मनोविज्ञान एम.एम., संजय प्रशाल लक्ष्मि, आगरा
- पाण्डेय के.पी., शिक्षक अनुसंधान, विश्वविद्यालय प्रिंसन, वाराणसी
- Anastasi, A. *Psychological Testing*. New York, Macmillan Publishing Co. Inc. 1976
- NCERT Curriculum and Evaluation, New Delhi, NCERT 1990

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