



**Department of Higher Education
U.P. Government, Lucknow**

National Education Policy-2020
Common Minimum Syllabus for all U.P. State Universities

SEMESTER-WISE TITLES OF THE PAPERS IN PHYSICAL EDUCATION

Year	Sem	aperno.	oursecode	Paper title	Theory/ Practical	Credits
1	I	1	E020101T	ELEMENTALS OF PHYSICAL EDUCATION	THEORY	4
1	I	2	E020102P	FITNESS AND YOGA	PRACTIAL	2
1	II	1	E020201T	SPORTS ORGANIZATION AND MANAGEMENT	THEORY	4
1	II	2	E020202P	SPORTS EVENT AND TRACK & FIELD	PRACTIAL	2
2	III	1	E020301T	ANATOMY & EXERCISE PHYSIOLOGY	THEORY	4
2	III	2	E020302P	HEALTH AND PHYSIOLOGY	PRACTIAL	2
2	IV	1	E020401T	SPORTS PSYCHOLOGY AND RECREATIONAL ACTIVITIES	THEORY	4
2	IV	2	E020402P	SPORTS PSYCHOLOGY	PRACTIAL	2
3	V	1	E020501T	ATHLETIC INJURIES AND PHYSIOTHERPY	THEORY	4
3	V	2	E020502T	KINESIOLOGY AND BIOMECHANICS IN SPORTS	THEORY	4
3	V	3	E020503P	PHYSIOTHERPY & SPORTS	PRACTIAL	2
3	V	4	E020504P	RESEARCH PROJECT	PROJECT	3
3	VI	1	E020601T	RESEARCH METHODS	THEORY	4
3	VI	2	E020602T	PHYSICAL EDUCATION FOR DIVYANG	THEORY	4
3	VI	3	E020603P	RESEARCH AND SPORTS	PRACTIAL	2
3	VI	4	E020604P	RESEARCH PROJECT	PROJECT	3

SYLLABUS DEVELOPED BY:

S. No.	Name	Designation	Department	College/ University
1	Dr. Gunjan Shahi	Assistant Professor	Physical Education	Govt. PG College Lucknow
2	Dr. Parvez Samim	Assistant Professor	Physical Education	Degree College BUDAUN
3	Dr. Sheel Dhar Dubey	Assistant Professor	Physical Education	Govt. PG College Lucknow

PROGRAMME OUTCOMES

Physical Education is a very wide subject in which biological, psychological, physical, health and functional aspects of human body, wherein effect of sporting performance is studied as per various levels. It is noteworthy that it is such a subject with the help of which human body both internally and externally can be kept healthy and fit. Students will definitely be able to discharge duties towards themselves and society through this subject. Under this subject, the students can demonstrate excellently their skills and perfection particularly in sports ability, management, leadership, health plan, event management, sports budgeting, physiology, teaching methods, sports psychology and research along with getting information regarding the importance of Physical Education.

SYLLABUS FOR B. A./B.Sc. PHYSICAL EDUCATION/ SEMESTER I/ PAPER I

Program /Class: Certificate	Year: First	Semester: First
SUBJECT: PHYSICAL EDUCATION- THEORY		
Course code: E020101T	Course Title: Elementals of Physical Education	
Course Outcomes: The physical education is very wide concept and this subject teaches about introduction and Sociological concept of Physical Education and this also teaches about historical development of physical education in India and other countries. Its introduce a general concept of good health and wellness. This program will also help a student to promote healthy way of living and they will also be able to make fitness and health plan.		
Credits:4	Max. Marks:25+75	Min. Passing Marks:10+25
Total no. of lectures-tutorials-practical (in hours per week):4-0-0		
Unit	TOPIC	NO. OF LECTURES
I	<p><u>Ancient Wisdom in Physical Education, Sports and yoga:</u></p> <ul style="list-style-type: none"> • Patanjali Yoga Sutra. • Ghrand Sanhita <p><u>Introduction:</u></p> <ul style="list-style-type: none"> • Meaning, definition and concept of physical education. • Scope, aim and objective of Physical education. • Importance of Physical education in Modern era. • Relationship of physical education with general education 	07
II	<p><u>Sociological Foundation:</u></p> <ul style="list-style-type: none"> • Meaning, Definition and importance of sports Sociology • Culture and sports • Socialization and sports • Gender and sports. 	07
III	<p><u>History:</u></p> <ul style="list-style-type: none"> • History and development of Physical education in India: pre-and post-independence. • History of physical education in ancient Greece, Rome and Germany. • Eminent personalities of physical education, awards and schemes. 	06
IV	<p><u>Olympic Games , Asian Games and Commonwealth Games:</u></p> <ul style="list-style-type: none"> • Olympics Movement: Ancient Olympic, modern Olympic, Revival, aim, objectives, spirit, torch, flag, motto, opening and closing ceremonies. • Asian Games. • Commonwealth Games. 	08
V	<p><u>Health Education:</u></p> <ul style="list-style-type: none"> • Meaning, Definition objectives, Principles and importance of Health Education, Dimensions of Health. • Foods and Nutrition- Misconceptions about food, essential body nutrients-functions, food sources, balanced diet, diet prescription, Health and Drugs • Communicable and Non-communicable diseases-Distinction between communicable and Non-communicable diseases. <ol style="list-style-type: none"> a) Communicable diseases- Definition, mode of spread and prevention, Cause, Mode of spread and prevention of diarrhea diseases, typhoid, malaria, STD Respiratory disease; b) Non-communicable diseases-- Meaning, causes and prevention of diabetes, CVD, cancers, renal diseases and respiratory diseases. • International health agencies- WHO, UNICEF, Red Cross- their constitution and role in promoting health. 	08

VI	<p><u>Wellness's Life Style</u></p> <ul style="list-style-type: none"> • Importance of wellness and life style. • Role of Physical Activity Maintaining Healthy Life Style. • Stress Management. • Obesity and Weight Management. • Prevention of Disease through Behavioral Modifications. 	08
VII	<p><u>Fitness :</u></p> <ul style="list-style-type: none"> • Meaning and Definition and types of fitness • Component of physical fitness • Factor affecting physical fitness • Development and maintenances of fitness 	08
VIII	<p><u>Posture:</u></p> <ul style="list-style-type: none"> • Meaning, Definition of Posture. • Importance of Good Posture. • Causes of Bad Posture. • Postural Deformities (causes and remedial exercise). • Fundamental Movements of Body Parts • Anatomical standing position. 	08
<p>Suggested readings:</p> <ol style="list-style-type: none"> 1. Swasthya Evam Sharirik Shiksha by Dr. Rajesh Pratap Singh, by Rishab Books New Delhi 2. Sharirik Shiksha ki Adunik Prawatiya by Dr. Rajesh Pratap Singh, by University publication, New Delhi 3. Uppal AK & Gautam GP (2008). Health & Physical Education. Friends Publication. New Delhi 4. Balayan D (2007). Swasthya Shiksha Evam Prathmik Chikitsa. Khel Sahitya. Delhi. 5. Barrow Harold M., "Man and movements principles of Physical Education", 1978. 6. Difiore, J.(1998). Complete guide to postnatal fitness. London: A & C Black,. 7. Dynamics of fitness. Madison: W.C.B Brown. 8. General methods of training. by - Hardayal Singh 9. Sharirik Shiksha, Dr. Rajesh Pratap Singh, Yogesh Kumar & Suneel Kumar by Khel Shahitay Kendra, New Delhi 10. Giam, C.K & The, K.C. (1994). Sport medicine exercise and fitness. Singapore: P.G.Medical Book. Mcglynn, G., (1993) 11. Kamlesh M.L., "Physical Education, Facts and foundations", Faridabad Publications 12. Krishana Murthy V. and Paramesara Ram, N. "Educational Dimensions of Physical. Education", 2nd Revised edition, Print India, New Delhi 1990. 13. Methodology of training. by - Harre 14. Ravanes R.S., "Foundation of Physical Education", Houghton Millin Co. Boston USA (1978) 15. Science of sports training. by - Hardayal Singh 16. Sharkey, B. J.(1990). Physiology of fitness, Human Kinetics Book. 17. Track & Field. by – Gerhardt schmolinsky, Leipzig college of physical culture (DHFk) 18. Fitness and Health Education, by Dr. Rajesh Pratap Singh, Shree Publisher and Distributer, New Delhi. 19. Health Education, Hygeine, First Aid & Sports Injuries by Dr. Neeraj Pratap Singh & Dr. Ajay Dubey, Sports Publication, New Delhi. 		
<p>This course can be opted as an elective by the students of following subjects: Open for all</p>		
<p>Continuous Evaluation Methods: (CIE)INTERNAL ASSESSMENT (25 Marks) Written Test – 10 marks Assignment/ Research Based Project - 10 marks Attendance – 5 marks Research Orientation of the student.</p>		
<p>Suggested equivalent online courses: IGNOU Other centrally/state operated Universities / MOOC platforms such as "SWAYAM" in India and Abroad. Rajarshi Tandon open University.</p>		

SYLLABUS FOR B. A. PHYSICAL EDUCATION/ SEMESTER I/ PAPER II

Program/Class: Certificate	Year: First	Semester: First
Subject: Physical Education- Practical		
Course Code: E020102P	Course Title: Fitness and Yoga	
<p>Course Outcomes: Yogais very helpful in prevention of many diseases and students will learn about it.This subject deals with basic knowledge about and Aerobics and Gymnasium classes which will help students to excel in the fitness industry.</p>		
Credits: 02	Elective	
Max. Marks: 25+75	Min. Passing Marks: 10+25	
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 0-0-2		
Unit	Topics	No. ofHours
	Part-A	
I	<ul style="list-style-type: none"> • Learn and demonstrate the techniques of warm-up, general exercise and cooling down • Lean and demonstrate physical fitness throughaerobic, circuit training and calisthenics. • Strength Training and Physical Conditioning • Diet chart & measurement of BMI 	15
	Part-B	
II	<p><u>INTRODUCTION OF YOGA:</u></p> <ul style="list-style-type: none"> • Historical aspect of yoga. • Definition, types scopes & importance of yoga. • Yoga relation with mental health and valueeducation. • Yoga relation with Physical Education and sports. <p><u>ASANAS:</u></p> <ul style="list-style-type: none"> • Definition of Asana, differences between asana and physical exercise. <p>Suraya-namaskar, Bhujang asana, Naukasana, Halasana, Vajrasan, Padmasana, Shavasana, Makrasana, Dhanurasana, Tad asana.</p>	15
	<p><u>PRANAYAMA:</u></p> <ul style="list-style-type: none"> • Difference and classification of pranayama. • Difference between pranayama and deep breathing. <ul style="list-style-type: none"> • Anulom, Vilom. 	

<p>Suggested Readings:</p> <ol style="list-style-type: none"> 1. ACSM's Guidelines for Exercise Testing and Prescription (2001), American College of Sports Medicine, New York, U.S.A. 2. Anspaugh, D.J., G. Ezell and K.N. Goodman (2006) Teaching Today Health, Mosby Publishers, Chicago (USA) 3. Donatelle, R.J. and Ketcham P. (2007), Access to Health, Benjamin Cummings, Boston, USA. 4. Flyod, P.A., S.E. Mimms and C. Yelding (2003) Personal Health: Perspectives and Lifestyles, Thomson, Wadsworth, Belmont, California, USA. 5. Sharma JP (2007). Manav jeevan evam yoga. Friends Publication. New Delhi. 6. Sharma Jai Prakash And Sehgal Madhu (2006). Yog-Shiksha. Friends Publication. Delhi. 7. Singh MK And Jain P (2008). Yoga aur manoranjan. Khel Sahitya Kendra. New Delhi. 8. Vyas SK (2005). Yog Shiksha Khel Sahitya Kendra. Delhi.
<p>This course can be opted as an elective by the students of following subjects: Open for all</p>
<p>Continuous Evaluation Methods (CIE) INTERNAL ASSESMENT (25 Marks) Written Test – 10 marks Assignment/ Research Based Project - 10 marks Attendance – 5 marks Research Orientation of the student.</p> <p>PRACTICAL ASSESMENT (75 Marks) Practical – 50 VIVA – 15 Record book charts etc - 10</p>
<p>Course prerequisites: There are no any prerequisites for the students other than that he/she must be physically, mentally and medically fit.</p>
<p>Suggested equivalent online courses:</p> <ul style="list-style-type: none"> • IGNOU • Other centrally/state operated Universities / MOOC platforms such as “SWAYAM” in India and Abroad. • Rajarshi Tandon open University.

SYLLABUS FOR B. A. /B.Sc. PHYSICAL EDUCATION SEMESTER II/PAPER I

Program/Class: Certificate	Year: First	Semester: Second
Subject: Physical Education- Theory		
Course code: E020201T	Course Title: Sports organization and Management	
Course Outcomes: This course is designed to give real time exposure to students in the area of organising an event/ sports. The students will also learn about store management, purchasing and budget making.		
Credits:4	Max. Marks:25+75	Min. Passing Marks:10+25
Total no. of lectures-tutorials-practical (in hours per week):4-0-0		
Unit	TOPIC	NO. OF LECTURES
I	<u>Introduction:</u> <ul style="list-style-type: none"> • Meaning, concept and definition of sports management. • Nature and scope of sports management. • Aims and objectives of sports management. • Guiding principles of sports management. 	07
II	Event Management <ul style="list-style-type: none"> • Meaning and concept event • Planning and management of sports event. • Role of sports event manager. • Steps in event management: <ul style="list-style-type: none"> • Planning, • Executing • Evaluating 	08
III	Budget <ul style="list-style-type: none"> • Meaning, Definition, Preparation, Principles of making Budget. • Financial Management Opportunities and Challenges. • Basics of Sports Event Accounting. 	07
IV	<ul style="list-style-type: none"> • The Budget Cycle and Budget Preparation Format. • Preparing the Departmental Financial Plan and estimate. • Expenditure management. • Financial Reporting. 	08
V	Organization <ul style="list-style-type: none"> • Meaning and definition of Organization. • Need and importance of Organization. • Guiding principles of Organization. • Structure and functions of S.A.I., University Sports Council and A.I.U. 	07

VI	Supervision <ul style="list-style-type: none"> • Meaning and Definition • Principals of Supervision • Techniques of supervision in sports management. • Methods of supervision. • Role of a coach/manager. 	07
VII	Facilities Equipment <ul style="list-style-type: none"> • Purchasing Equipment. • Care and maintenance of Equipment. • Procedure to purchase sports goods and equipment. • Stock entry. • Storing and distribution. • List of Consumable and Non- Consumable sports goodsand equipment. 	08
VIII	Job Opportunities <ul style="list-style-type: none"> • Job specification of sports manager in professional andstate regulated sports bodies. • Physical Educational professional, career avenuesand professional preparation. • Clients and Sponsorship. 	08
Suggested readings: <ol style="list-style-type: none"> 1. Bucher, Charles A. and Krotee, March L., “Management of Physical Education and Sport,”MC Grow Hill publication, Now York (US) 2002 2. Hert, Renis(1961) New Patterns of Management, McGraw Hill,. 3. Horine, Larry,” Administration of Physical Education and Sport programs. WM-C BrownPublishers Dubuque (US) 1991 4. Kotler,P and G Allen, L.A. (1988) Management & Organization. Kogakusha Co. Tokyo. 5.Parkhouse, Bonnie L., “The management of Sports – if foundation and application,” Mosbypublication, St. Louis (US), 1991 5. Sandhu, K. Sports Dynamics: Psychology, Sociology and Management. 6. Sivia, G.S (1991). Sports Management in Universities, New Delhi: A.I.U. Deen DayalUpadhyaya Marg.2005), Marketing: An Introduction, New York: Prentice Hall 7. Adhunik Khel Prabhandhan Evam Parshikshan by Dr. Rajesh Pratap Singh, University Publication New Delhi. 8. Sharirik Shiksha: Vidhyalaya Prashashan, by Dr. Rajesh Pratap Singh, University Publication New Delhi. 9. 		
This course can be opted as an elective by the students of following subjects: <p style="text-align: center;">Open for all</p>		
Suggested Continuous Evaluation Methods: INTERNAL ASSESSMENT (25 Marks) Written Test – 10 marks Assignment/ Research Based Project - 10 marksAttendance – 5 marks Research Orientation of the student.		
Suggested equivalent online courses: IGNOU Other centrally/state operated Universities / MOOC platforms such as “SWAYAM” inIndia and Abroad. Rajarshi Tandon open University.		

SYLLABUS FOR B. A. / B.Sc. PHYSICAL EDUCATION SEMESTER II/PAPER II

Programme/Class: Certificate	Year: First	Semester: second
Subject: Physical Education- practical		
Course Code: E020202P	Course Title: Sports Event and Track & Field	
Credits: 02	Elective	
Max. Marks: 25+75	Min. Passing Marks: 10+25	
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 0-0-2		
Unit	Topics	No. ofHours
	Part-A	
I	<ul style="list-style-type: none"> • To make a plan for organizing an event. • To organize Intramural Competition. • To prepare a budget plan for interclasscompetition with in the wall. • Make a Sample Time Table for college. • Prepare the list of Consumable and Non-Consumable items. • Prepare a Bio data/ curriculum vitae/ Covering Letter. 	15
	Part-B	
II	<p>Track & Field :</p> <ul style="list-style-type: none"> • History. • Measurements. • Marking. • Rules. • Officials. • Regulatory Governing Bodies. • Tournaments- National and International. • World and National Records. 	15
Suggested Readings:		
<ol style="list-style-type: none"> 1. Parkhouse, Bonnie L., "The management of Sports – if foundation and application,"Mosby publication, St. Louis (US), 1991 2. Bucher, Charles A. and Krotee, March L., "Management of Physical Education andSport," MC Grow Hill publication, Now York (US) 2002 3. Horine, Larry," Administration of Physical Education and Sport programs. WM-CBrown Publishers Dubuque (US) 1991 4. Kotler,P and G Allen, L.A. (1988) Management & Organization. KogakushaCo. Tokyo. 5. Hert, Renis(1961) New Patterns of Management, McGraw Hill,. 6. Sandhu, K. Sports Dynamics: Psychology, Sociology and Management. 7. Sivia, G.S (1991). Sports Management in Universities, New Delhi: A.I.U. DeenDayal Upadhyaya 8. Marg.2005), Marketing: An Introduction, New York: Prentice Hall. 		

This course can be opted as an elective by the students of following subjects: **Open for all**

Suggested Continuous Evaluation Methods:

INTERNAL ASSESMENT (25 Marks)

Written Test – 10 marks

Assignment/ Research Based Project - 10 marks Attendance – 5 marks

Research Orientation of the student.

PRACTICAL ASSESMENT (75 Marks)

Practical – 50

VIVA – 15

Record book charts etc - 10

Course prerequisites: There are no any prerequisites for the students other than that he/she must be physically, mentally and medically fit.

Suggested equivalent online courses:

IGNOU

Other centrally/state operated Universities / MOOC platforms such as “SWAYAM” in India and Abroad.

Rajarshi Tandon open University.

SYLLABUS FOR B. A. /B.Sc. PHYSICAL EDUCATION/ SEMESTER III/ PAPER I

Programme/Class: Diploma	Year: Second	Semester: Third
Subject: Physical Education -Theory		
Course Code: E020301T	Course Title: Anatomy and Exercise Physiology	
Course outcomes: students can be able to understand human structure and function as well as effects of exercise on various human body systems.		
Credits: 04	Elective	
Max. Marks: 25+75	Min. Passing Marks: 10+25	
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 4-0-0		
Unit	Topics	No. of Lectures
I	<u>INTRODUCTION :</u> <ul style="list-style-type: none"> • Meaning Definition and Importance of Anatomy and Physiology in the field of Physical Education & Sports • Brief introduction of Cell, Tissue, Organ and various systems of human body 	6
II	<u>MUSKULOSKELETAL SYSTEM:</u> a) Skeletal System <ul style="list-style-type: none"> • Structural and functional classification of bones. • Types of joints and major movements around them. • Function of Skeletal System b) Muscular System <ul style="list-style-type: none"> • Muscular System -Classification, Structure, functions & properties of Skeletal Muscle, Smooth Muscle & Cardiac Muscle. • Types of muscular contractions, Name of various muscles acting on various joints. c) Effect of Exercise on Muscular and Skeletal System	8
III	<u>CIRCULATORY SYSTEM:</u> <ul style="list-style-type: none"> • Cardio-vascular system: Structure and function of human heart , cardiac cycle, blood pressure, cardiac output, Athlete's heart. • Types of Circulation • Effects of exercise on circulatory system 	8
IV	<u>RESPIRATORY SYSTEM :</u> <ul style="list-style-type: none"> • Structure and function of respiratory system • Effects of exercise on respiratory system • The effects of altitude on the respiratory system. 	8
V	<u>DIGESTIVE SYSTEM:</u> <ul style="list-style-type: none"> • Structure and function of digestive system • Importance of Digestive system. • Mechanism of Digestive System. • Effects of exercise on digestive system. 	8

VI	<u>NERVOUS SYSTEM:</u> Introduction to nervous system Organs and their parts. Functional Classification of Nervous System. Reflex Action.	8
VII	<u>ENDOCRINE SYSTEM AND BLOOD:</u> Composition and function of blood. Meaning of Endocrine System. Meaning of glands. Endocrine Glands their Locations and Functions.	7
VIII	<u>GENERAL PHYSIOLOGICAL CONCEPTS :</u> Vital Capacity-VC Second Wind Oxygen Debt Fatigue Types of Fatigue Blood Pressure	7
Suggested Readings:		
<ol style="list-style-type: none"> 1. ACSM's Guidelines for Exercise Testing and Prescription (2001), American College of Sports Medicine, New York, U.S.A. 2. Anspaugh, D.J., G. Ezell and K.N. Goodman (2006) Teaching Today Health, Mosby Publishers, Chicago (USA) 3. Donatelle, R.J. and Ketcham P. (2007), Access to Health, Benjamin Cummings, Boston, USA. 4. Flyod, P.A., S.E. Mimms and C. Yelding (2003) Personal Health: Perspectives and Lifestyles, Thomson, Wadsworth, Belmont, California, USA. 4. Goldberg, L. and D.L. Elliot (2000) The Healing Power of Exercise, National Health & Wellness Club, New York, U.S.A. 5. Jain, J. (2004) Khe! Dawaon Ka (New Delhi : Delhi University Press). 6. Robbins, G., D. Powers and S. Burgess (2002), A Wellness Way of Life, McGraw Hill, New York, USA. 7. Schindler, J.A. (2003) How to Live 365 Days a Year (Boston: Running Press). 8. Koley, Shyamal (2007), Exercise Physiology — A Basic Approach (New Delhi: Friends Publications). 10. Jain AK (2002). Anatomy & Physiology for Nurses. Arya Publishers, Delhi. 9. Moried EN (2007). Essential of Human Anatomy & Physiology. Ed. 8th Dorling Kindersley, India. 12. Prives M and Others (2004). Human Anatomy Vol. I & II Paragon, Delhi. 10. Seeley & Others (2008). Anatomy & Physiology. McGraw Hill, Boston. 11. Tortora (2003). Principles of Anatomy & Physiology, New York: John Willy & Sons. 15. William CS (2000). Essentials of Human Anatomy & Physiology, Benjamin. 12. Wilson and Waugh (1996). Anatomy & Physiology in Health & Illness. Churchill Livingstone 		
<p>This course can be opted as an elective by the students of following subjects:</p> <p>Open for all</p>		
<p>Continuous Evaluation Methods (CIE) INTERNAL ASSESSMENT (25 Marks)</p> <p>Written Test – 10 marks Assignment/ Research Based Project - 10 marks Attendance – 5 marks Research Orientation of the student.</p>		
<p>Course prerequisites: There are no any prerequisites for the students other than that he/she must be physically, mentally and medically fit.: There is no any prerequisites only students physical and medically fit.</p>		
<p>Suggested equivalent online courses:</p> <p>IGNOU Other centrally/state operated Universities / MOOC platforms such as “SWAYAM” in India and Abroad. Rajarshi Tandon open University.</p>		

SYLLABUS FOR B. A. PHYSICAL EDUCATION/ SEMESTER III/ PAPER II

Program/Class- Diploma	Year: Second	Semester: Third
Subject: Physical Education- practical		
Course Code: E020302P	Course Title: Health and Physiology	
Credits: 02	Elective	
Max. Marks: 25+75	Min. Passing Marks: 10+25	
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 0-0-2		
	Topics	No. of hours
	Part-A	
	Draw and label any two-body system. Prepare a Model of any one System. Measuring height, weight, waist circumference and hip circumference, calculation of BMI (Body Mass Index) and Waist-Hip ratio. Learn to Measure Blood Pressure by Sphygmomanometer .	15
	Part-B	
	First Aid & Rehabilitation <ul style="list-style-type: none"> • Definition of first aid, DRABCH of first aid, CPR, • first aid for, hemorrhage, fractures, sprain and strain • (PRICER), • School Health Service, Components of school health. • Rehabilitation – definition, physical and mental rehabilitation. • Rehabilitation Modalities – cold, heat, water, 	15
Suggested Readings:		
<ol style="list-style-type: none"> 1. ACSM's Guidelines for Exercise Testing and Prescription (2001), American College of Sports Medicine, New York, U.S.A. 2. Goldberg, L. and D.L. Elliot (2000) The Healing Power of Exercise, National Health & Wellness Club, New York, U.S.A. 3. Jain, J. (2004) Khel Dawaon Ka (New Delhi : Delhi University Press). 4. Robbins, G., D. Powers and S. Burgess (2002), A Wellness Way of Life, McGraw Hill, New York, USA. 5. Koley, Shyamal (2007), Exercise Physiology — A Basic Approach (New Delhi: Friends Publications). 10. Jain AK (2002). Anatomy & Physiology for Nurses. Arya Publishers, Delhi. 6. Moried EN (2007). Essential of Human Anatomy & Physiology. Ed. 8th Dorling Kindersley, India. 12. Prives M and Others (2004). Human Anatomy Vol. I & II Paragon, Delhi. 7. Seeley & Others (2008). Anatomy & Physiology. McGraw Hill, Boston. 8. Tortora (2003). Principles of Anatomy & Physiology, New York: John Willy & Sons. 15. William CS (2000). Essentials of Human Anatomy & Physiology, Benjamin. 9. Wilson and Waugh (1996). Anatomy & Physiology in Health & Illness. Churchill Livingstone 10. Health Education, Hygeine, First Aid & Sports Injuries by Dr. Neeraj Pratap Singh & Dr. Ajay Dubey, Sports Publication, New Delhi. 11. Sports Medicine by Dr. Neeraj Pratap Singh, Khel Shahitya Kendra, New Delhi. 		

This course can be opted as an elective by the students of following subjects: **Open for all**

Continuous Evaluation Methods (CIE) INTERNAL ASSESSMENT (25 Marks)

Written Test – 10 marks

Assignment/ Research Based Project - 10 marks, Attendance – 5 marks

Research Orientation of the student.

PRACTICAL ASSESSMENT (75 Marks)

Practical – 50

VIVA – 15

Record book charts etc - 10

Course prerequisites: There are no any prerequisites for the students other than that he/she must be physically, mentally and medically fit.

Suggested equivalent online courses:

IGNOU

Other centrally/state operated Universities / MOOC platforms such as “SWAYAM” in India and Abroad.

Rajarshi Tandon open University.

SYLLABUS FOR B. A. /B.Sc. PHYSICAL EDUCATION/ SEMESTER IV/ PAPER I

Program/Class: Certificate	Year: Second	Semester: Fourth
Subject: Physical Education- Theory		
Course Code: E020401T	Title: Sports Psychology And Recreational Activities	
Course outcomes: students can be able to understand various aspects of psychology apply to sports person and how to organize sports and recreational activities.		
Credits: 04	Elective	
Max. Marks: 25+75	Min. Passing Marks: 10+25	
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 4-0-0		
Unit	Topics	No. of Lectures
I	<u>INTRODUCTION:</u> <ul style="list-style-type: none"> • Meaning, Importance and scope of sports psychology • General characteristics of various stages of growth and development. • Psycho-sociological aspects of human behaviour in relation to physical education. 	6
II	<u>LEARNING:</u> <ul style="list-style-type: none"> • Nature of learning, theories of learning. • Law of learning, plateau in learning, transfer of learning • Meaning and definition of personality, characteristics of personality. • Dimensions of personality, personality and sports performance. 	8
III	<u>MOTIVATION :</u> <ul style="list-style-type: none"> • Nature of motivation, factors influencing motivation. • Motivational techniques and its impact on sports performance. • Mental preparation strategies: attention, focus, self-talk, relaxation and imaginary. 	8
IV	<u>ANXIETY AND AGGRESSION:</u> <ul style="list-style-type: none"> • Aggression and sports, meaning and nature of anxiety, kind of anxiety. • Meaning and nature of stress, types of stress • Anxiety, stress arousal and their effects on sports performance. • Concept of incentives and achievements. 	8
V	<u>PLAY:</u> <ul style="list-style-type: none"> • Meaning of Play • Definition of play • Various Theories of play • Significance of Theories of play in Physical Education and Sports. • Significance of play for a Child. 	8

VI	<p><u>RECREATION :</u></p> <ul style="list-style-type: none"> • Meaning and importance of recreation in physical education • Principles of recreation in physical education • Areas, classification and ways of recreation. • Use of leisure time activities and their educational values. 	8
VII	<p>Personality:</p> <ul style="list-style-type: none"> • approaches to personality – Trait, • types and psychodynamic theories, determinants of personality, • Assessment of personality. 	7
VIII	<p><u>TRADITIONAL GAMES OF INDIA:</u></p> <ul style="list-style-type: none"> • Meaning. • Types of Traditional Games- • Gilli- Danda, Kanche, Stapu, Gutte, etc. • Importance/ Benefits of Traditional Games. • How to Design Traditional Games. • Development of Personalities by the help of Traditional Games. 	7
<p>Suggested Readings:</p> <ol style="list-style-type: none"> 1. Alliance, A. (1999). Physical Best Activity Guide, New Delhi, 2. Capel, S. et al Editors (2006). A Practical Guide to Teaching Physical Education. Routledge Publishers, USA. 3. Dheer, S. and Radhika. (1991). Organisation and Administration of Physical Edu., ND:Friends Pub. 4. Frost, R.B. and Others. (1992). Administration of Physical Education and Athletics, Delhi: UniversalBook. 4. Gangwar, B.R. (1999). Organisation Admn. & Methods of Physical education, Jalandhar: 5. A.P. Pub. 6. Gangwar, B.R. (1999). Sharirik Shiksha Ka Prabandh Prashashan Avam Vidhiya, Jalandhar: A.P. Pub. 7. Gupta R. Kumar P. & Sharma D.P. (1999). Lesson Plan in Physical Education & Sports. R.D.P. Publication. New Delhi. 6. Gupta R. Kumar P. & Sharma. D.P.S. (2004). Sharirik Shiksha Mein Path Yojna. SahyogPrakashan. New Delhi. 7. Gupta R. Kumar P. & Tyagi S. (2008) Textbook on Teaching Skill & Prowess. Part I & Friends Publication. India. New Delhi. 8. Kamlesh ML (2005). Methods in Physical Education. Friends Publication. Delhi. 11. Kamlesh ML (2005). Sharirik Shiksha Ki Vidiyan. Friends Publication. Delhi. 9. Panday Laxmikant (1996). Sharririk Shiksha Ki Shiksha Padati. Metropolitan Book. New Delhi. 10. Shaw D & Kaushik S (2001). Lesson Planning- Teaching Methods and Classman in Physical Education. K.S.K. Delhi. 		
<p>This course can be opted as an elective by the students of following subjects: Open for all</p>		
<p>Continuous Evaluation Methods (CIE)INTERNAL ASSESMENT (25 Marks) Written Test – 10 marks Assignment/ Research Based Project - 10 marks Attendance – 5 marks Research Orientation of the student.</p>		
<p>Course prerequisites: There are no any prerequisites for the students other than that he/she must be physically, mentally and medically fit.</p>		
<p>Suggested equivalent online courses:</p> <ul style="list-style-type: none"> • IGNOU • Other centrally/state operated Universities / MOOC platforms such as “SWAYAM” in India and Abroad. • Rajarshi Tandon open University. 		

SYLLABUS FOR B. A. / B.Sc. PHYSICAL EDUCATION/ SEMESTER IV/ PAPER II

Program/Class: Diploma	Year: Second	Semester: Fourth
Subject: Physical Education- Practical		
Course Code: E020402P	Course Title: Sports Psychology	
Credits: 02		Elective
Max. Marks: 25+75		Min. Passing Marks: 10+25
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 0-0-2		
	Part-A	
	<ul style="list-style-type: none"> • Measurement of Personality and Personality Profile (Questionnaire –EPQ-R) • Types, Assessment of Sports Anxiety (STAI by Speilberger, Martens , SCAT) • Measurement of Motivation (Incentive Motivation and Achievement Motivation) • Goal setting techniques (Task and Ego Orientation) • Happiness Scale • Self-esteem scale 	15
	Part-B	
	<ul style="list-style-type: none"> • Reaction Time • Hand eye co-ordination, • Foot-Eye Coordination, • Hand-Foot Eye Coordination. • Measurement of aggression. • Assessment of Leadership style • Team Building Games 	15
<p>Suggested Readings:</p> <ol style="list-style-type: none"> 1. Cratty, Braynat. J., (1973) Movement Behaviour and Motor Learning ,Philadelphia: Lea and Febiger, Edn. 2. Magill, Richard A (1993) Motor Learning Concepts and Application, 4thed WCB Brown and Benchmark Publishers. 3 Passer, M.W., Smith, R.E., Holt, N. and Bremner, A.(2008). Psychology: The Science of Mind and Behaviour.McGraw-Hill Education.UK 4. Oxendine, J.B. (1968) Psychology and Motor Learning ,Englewood cliffs, : New Jersey 5. Cratty, B.J. (2000) Psychology of Contemporary sports, Human Kinetics Publishers, Champaign Illinois. 6. Carron, A.V., Hausenlas, H.A. Mark Eys (2005). Group Dynamics in Sport.organtown, WV: Fitness Information Technology, INC, US. 7. Cronbach J. Lec (1990) Essentials of Psychological Testing (Harper Colins Publishers). 		
<p>ed as an elective by the students of followingsubjects: Open for all</p>		

Continuous Evaluation Methods (CIE)INTERNAL ASSESMENT (25 Marks)

Written Test – 10 marks

Assignment/ Research Based Project - 10 marksAttendance – 5 marks

Research Orientation of the student.

PRACTICAL ASSESSMENT (75 Marks)

Practical – 50

VIVA – 15

Record book charts etc - 10

Course prerequisites: There are no any prerequisites for the students other than that he/she must be physically, mentally and medically fit.

Suggested equivalent online courses:

IGNOU

Other centrally/state operated Universities / MOOC platforms such as “SWAYAM” inIndia and Abroad.

Rajarshi Tandon open University.

SYLLABUS FOR B. A. / B.Sc. PHYSICAL EDUCATION/ SEMESTER V/ PAPER I

Program/Class: Certificate	Year: Third	Semester: Fifth
Subject: Physical Education-Theory		
Course Code: E020501T	Course Title: Athletic Injuries and Physiotherapy	
to understand Athletic Injuries and Athletic Care and Rehabilitation.		
Credits: 04	Elective	
Max. Marks: 25+75	Min. Passing Marks: 10+25	
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 4-0-0		
Unit	Topics	No. of Lectures
I	Athletic Injuries and Athletic Care. <ul style="list-style-type: none"> • Concept and Significance. • Factors causing Injuries. • General Principles of Prevention of Injuries. 	6
II	Common Sports Injuries <ul style="list-style-type: none"> • (Strain and Muscle and Ligament Sprain, Frozen Shoulder, Lower • Back Strain, Tennis and Golfer's Elbow, Runner's Knee, Shin Pain, • Blister, Concussion, Abrasion, Laceration, Hematoma, Fracture, • Dislocation) 	8
III	First aid – meaning, definition. <ul style="list-style-type: none"> • Importance of First aid. Postural Deformities. <ul style="list-style-type: none"> • Types, Causes and respective corrective exercises of: • Kyphosis. • Scoliosis. • Lordosis. • Knock Knees. • Bowlegs. • Flat Foot Disorders due to Improper Posture. <ul style="list-style-type: none"> • Back Pain, Neck Pain and their preventive Exercises. 	8
IV	Rehabilitation- <ul style="list-style-type: none"> • RICE- Rest, Ice, Compression, Elevation. • DRABC- Danger, Response, Airways, Breathing, Circulation. Bandage- <ul style="list-style-type: none"> • Types of Bandages. • Taping and Supports. 	8

V	Physiotherapy- <ul style="list-style-type: none"> • Definition • Guiding principles of physiotherapy. • Importance of physiotherapy. Massage- <ul style="list-style-type: none"> • Meaning • Types and Importance. 	8
VI	Hydrotherapy- <ul style="list-style-type: none"> • Meaning and Methods. • Cryotherapy, Thermotherapy, Contrast bath, Whirlpool bath, Steam bath, Sauna bath, Hot Water Fomentation. 	8
VII	Treatment modalities- <ul style="list-style-type: none"> • Electrotherapy, Infrared rays, Ultraviolet rays, short wave diathermy, ultra sound. 	7
VIII	Therapeutic Exercise- <ul style="list-style-type: none"> • Meaning, Definition. • Importance. • Muscle Strengthening through Active and Passive Exercise. • Therapeutic value with Yoga asanas for rehabilitation and strengthening of the muscles. 	7

RECOMMENDED READINGS

1. ACSM's Guidelines for Exercise Testing and Prescription (2001), American College of Sports Medicine, New York, U.S.A.
2. Anspaugh, D.J., G. Ezell and K.N. Goodman (2006) Teaching Today Health, Mosby Publishers, Chicago, USA.
3. Beotra, Alka (2001-02) Drug Education Handbook on Drug Abuse in Sports, Applied Nutrition Sciences, Mumbai.
4. Donatelle, R.J. and Ketcham P. (2007), Access to Health, Benjamin Cummings, Boston, USA.
5. Fahey, T.D., M.P. Insel and W.T. Rath (2006), Fit & Well: Core Concepts and Labs in Physical Fitness, mcgraw Hill, New York.
6. Flyod, P.A., S.E. Mimms and C. Yelding (2003) Personal Health: Perspectives and Lifestyles, Thomson, Wadsworth, Belmont, California, USA.
7. Hoeger, W K and S.A. Hoeger (2004). Principles and Labs for Fitness and Wellness, Thomson Wadsworth, California, USA.
8. Jain, J. (2004) Khel Dawaon Ka (New Delhi: Delhi University Press).
9. Kumari, Sheela, S., Rana, Amita, and Kaushik, Seema, (2008), Fitness, Aerobics and Gym Operations, Khel Sahitya, New Delhi.
10. Pande, P. K. (1987) Outline of Sports Medicine (New Delhi: Jaypee Brothers).
11. Roy, Steven and Richard, Irvin (1983) Sports Medicine, Benjamin Cummings, Boston, USA.
12. Schindler, J.A. (2003) How to Live 365 Days a Year (Boston: Running Press).
12. Sports Medicine by Dr. Neeraj Pratap Singh, Khel Shahitya Kendra, New Delhi.

This course can be opted as an elective by the students of following subjects:

Open for all

Continuous Evaluation Methods (CIE) INTERNAL ASSESSMENT (25 Marks)

Written Test – 10 marks

Assignment/ Research Based Project - 10 marks Attendance – 5 marks

Research Orientation of the student.

Course prerequisites: There are no any prerequisites for the students other than that he/she must be physically, mentally and medically fit.

Suggested equivalent online courses:

IGNOU

Other centrally/state operated Universities / MOOC platforms such as “SWAYAM” in India and Abroad. Rajarshi Tandon open University.

SYLLABUS FOR B. A. / B. S.c. PHYSICAL EDUCATION/ SEMESTER V/ PAPER II

Program/Class: Certificate		Year: Third	Semester: Fifth
Subject: Physical Education - Theory			
Course Code: E020502T		Course Title: Kinesiology and Biomechanics in Sports	
Course outcomes: students can be able to understand various aspects of Kinesiology and Biomechanics in Sports and able to apply in sports activities.			
Credits: 04		Elective	
Max. Marks: 25+75		Min. Passing Marks: 10+25	
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 4-0-0			
Unit	Topics	No. of Lectures	
I	INTRODUCTION: <ul style="list-style-type: none"> • Meaning, Definitions, Aims, Objective. • Importance of Kinesiology for games and sports. 	6	
II	<ul style="list-style-type: none"> • Kinesiological Fundamental Movements. • Center of Gravity. • Line of Gravity. 	8	
III	<ul style="list-style-type: none"> • Axis and Planes • Classification of joints and Muscles • Types of muscles contraction. 	8	
IV	Location & Action of Muscles at Various Joints: - i) Upper extremity – shoulder girdle, shoulder joints, elbow joint. ii) Neck, trunk (Lumbar thoracic region). iii) Lower extremity – Hip joint, knee joint, ankle joint.	8	
V	Biomechanical Concept: <ul style="list-style-type: none"> • Newton’s Law of Motion Friction: <ul style="list-style-type: none"> • Meaning, Definitions and Types. 	8	
VI	FORCE AND LEVERS: FORCE: <ul style="list-style-type: none"> • Meaning • Definitions • Types • Application to sports activities. LEVERS: <ul style="list-style-type: none"> • Meaning • Definition • Uses of them in the Human body. 	8	
VII	KINEMATICS: <ul style="list-style-type: none"> • Meaning of Kinematics. • Types- Linear and Angular • Speed, Velocity, Acceleration, Distance, Displacement. 	7	

VIII	KINETICS: <ul style="list-style-type: none"> • Meaning of Kinetics • Types- Linear and Angular. • Mass, Weight, Force, Momentum and Pressure. 	7
RECOMMENDED READINGS <ol style="list-style-type: none"> 1. Bartlett, R. (2007). Introduction to Sports Biomechanics. Routledge Publishers, USA. 2. Blazevich, A. (2007). Sports Biomechanics. A & C Black Publishers, USA. 3. Breer & Zarnicks (1979). Efficiency of human movement. WIB Sounders Co. USA. 4. Hamill, J. and Knutzen, K.M. (2003). Biomechanical Basis of Human Movement. Lippincott Williams and Wilkins, USA. 5. Hay (1993). The biomechanics of sports techniques. Prentice Hall Inc. New Jersey. 6. McGinnis, P. (2004). Biomechanics of Sports & Exercise. Human Kinetics, USA. 7. Oatis, C.A. (2008). Kinesiology. 2nd Ed. Lippincott, Williams & Wilkins, USA. 8. Khel Kaushal Sanchalan evam Prashikshan by Dr. Rajesh Pratap Singh, by University Publication, New Delhi 		
This course can be opted as an elective by the students of following subjects: Open for all		
Continuous Evaluation Methods (CIE) INTERNAL ASSESSMENT (25 Marks) Written Test – 10 marks Assignment/ Research Based Project - 10 marks Attendance – 5 marks Research Orientation of the student.		
Course prerequisites: There are no any prerequisites for the students other than that he/she must be physically, mentally and medically fit.		
Suggested equivalent online courses: IGNOU Other centrally/state operated Universities / MOOC platforms such as “SWAYAM” in India and Abroad. Rajarshi Tandon open University.		

SYLLABUS FOR B. A. / B.Sc. PHYSICAL EDUCATION/ SEMESTER V/ PAPER III

Program/Class: Certificate	Year: Third	Semester: Fifth
Subject: Physical Education- Practical		
Course Code: E020503P	Course Title: Rehabilitation and sports	
Credits: 02	Elective	
Max. Marks: 25+75	Min. Passing Marks: 10+25	
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 0-0-2		
Unit	Topics	No. ofHours
	Part-A	
I	Practice for Bandaging. Practice for massage techniques. Demonstration of Therapeutic Exercise. A visit to Physiotherapy lab. Write a Brief Report on the visit of the lab.	15
	Part-B	
II	Techniques of Therapeutic Exercises: (a) Muscles Strengthening Exercises. (b) General Principles of Muscle Strengthening. (c) Manual-Muscle testing: A Method of assessing Muscle-strength. Stretching and Mobilizing Exercises : (a) Factors causing Limitation of joint Range, (b) General mobilizing methods, and (c) practical demonstration of exercises to mobilizing the shoulder, elbow, wrist, hip knee, ankle and foot.	15
Suggested Readings:		
<ol style="list-style-type: none"> 1. ACSM's Guidelines for Exercise Testing and Prescription (2001), American College of Sports Medicine, New York, U.S.A. 2. Anspaugh, D.J., G. Ezell and K.N. Goodman (2006) Teaching Today Health, Mosby Publishers, Chicago, USA. 3. Donatelle, R.J. and Ketcham P. (2007), Access to Health, Benjamin Cummings, Boston, USA. 4. Fahey, T.D., M.P. Insel and W.T. Rath (2006), Fit & Well: Core Concepts and Labs in Physical Fitness, Mgraw Hill, New York. 5. Koley, Shymal(2007) Exercise Physiology – A basic Approach, friends publication New Delhi 6. Pande, P. K. (1987) Outline of Sports Medicine (New Delhi: Jaypee Brothers). 7. Roy, Steven and Richard, Irvin (1983) Sports Medicine, Benjamin Cummings, Boston, USA. 8. Schindler, J.A. (2003) How to Live 365 Days a Year (Boston: Running Press). 		
This course can be opted as an elective by the students of following subjects: Open for all		

Continuous Evaluation Methods (CIE)INTERNAL ASSESMENT (25 Marks)

Written Test – 10 marks

Assignment/ Research Based Project - 10 marks Attendance – 5 marks

Research Orientation of the student.

PRACTICAL ASSESSMENT (75 Marks)

Practical – 50

VIVA – 15

Record book charts etc - 10

Course prerequisites: There are no any prerequisites for the students other than that he/she must be physically, mentally and medically fit.

Suggested equivalent online courses:

IGNOU

Other centrally/state operated Universities / MOOC platforms such as “SWAYAM” in Indiaand Abroad.

Rajarshi Tandon open University.

B. A./ B.Sc. Physical Education/ Semester V/Research Project/ Paper IV

Program/Class –Degree	Year: Third	Semester: Fifth
Subject Physical Education Project		
Course Code : E020504P	Course Title Research Project	
COURSE OUTCOMES:		
<ul style="list-style-type: none"> • Learn to Prepare Questionnaire. • Learn to write research report. 		
Credits:03	Compulsory	
Max: marks 25+75	Min Passing Marks:	
Unit	Topic	No. of Lectures
I	<ul style="list-style-type: none"> • Choose a topic from your theory syllabus and prepare a Questionnaire with 20 Questions for your collage students. • Choose any one sports/ games for your syllabus and conduct an interview for your college students • Student has to learn to prepare research report. 	45
Suggested readings: http://heecontent.upsdc.gov.in/Home.aspx		
This course can be opted as an elective by the students of following subjects: only for physical education students		
Suggested Continuous Evaluation Methods:		
<ul style="list-style-type: none"> ➤ Seminar/Assignment/ report. ➤ Test ➤ Research orientation of the student. ➤ Quiz ➤ Attendance 		

Syllabus for B. A. / B.Sc. Physical Education/ Semester VI/ PAPER I

Program/Class: Certificate	Year: Third	Semester: Sixth
Subject: Physical Education - Theory		
Course Code: E020601T		Course Title: Research methods
Course outcomes: students can be able to understand Research methods in Sports and Physical Education.		
Credits: 04		Elective
Max. Marks: 25+75		Min. Passing Marks: 10+25
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 4-0-0		
Unit	Topics	No. of Lectures
I	INTRODUCTION: <ul style="list-style-type: none"> • Definition, Meaning of Research. • Need and Importance of Research in Physical Education and sports. • Scope of Research in Physical Education and sports. 	6
II	Type of research <ul style="list-style-type: none"> • Basic Research • Applied Research • Action Research 	8
III	Research Problem: <ul style="list-style-type: none"> • Meaning of the term • Formation of Research problem • Limitation and D Limitation • Location and Criteria of Selection of Problem. 	8
IV	Hypothesis: <ul style="list-style-type: none"> • Meaning of research Hypothesis. • Meaning of Null Hypothesis. • Importance of research and Null hypothesis. 	8
V	Survey of Related Literature: <ul style="list-style-type: none"> • Literature sources & Library Reading. • Meaning of Survey, Need for Surveying related literature. • Tool of survey Research. 	8
VI	Introduction to basic Statistics <ul style="list-style-type: none"> • Statistics – Meaning, Definition, Types. • Variable: Types of variables – Organizing data and its types; • Descriptive Measures: Need, Purpose and Kinds • Hypothesis testing: one sample and two sample tests for means of small samples (t-test) 	8
VII	Questionnaire and Interview: Meaning of Questionnaire and Interview. Construction and development of Questions. Procedure of conducting Interview.	7
VIII	Research Report: Meaning of Research Report. Qualities of a good research report.	7
<p>RECOMMENDED READINGS</p> <p>Author's guide: Research Methods applied to Health Physical and Recreation, Washington, D.C. 1991. Best John & Kahn, J.V. 1992). Research in Education, New Delhi. Prentice Hall of India (Pvt.) Ltd. Best, J.W. (1963). Research in education. U.S.A.: Prentice Hall. > Clark, H. H., & Clark, D. H. (1975). Research process in physical education. Englewood cliffs, New Jersey:Prentice Hall, Inc. Garrett, H.E. (1981). Statistics in psychology and education. New York: Vakils Feffer and Simon Ltd. Koul, L. (2002). Methodology of Educational Research, Vikas Publishing House, New Delhi. > Oyster, C. K., Hanten, W. P., & Llorens, L. A. (1987). Introduction to research: A guide for the health science professional. Landon: J.B. Lippincott Company. > Thomas, J.R., & Nelson J.K. (2005). Research method in physical activity. U.S.A: Champaign, IL: HumanKinetics Books. > Thomas, J.R., Nelson, J.K. & Silverman, S.J. (2011). Research method in physical activity. U.S.A: Champaign,IL: Human Kinetics Books. Verma, J. P. (2000). A textbook on sports statistics. Gwalior: Venus Publication</p>		

This course can be opted as an elective by the students of following subjects:

Open for all

Continuous Evaluation Methods (CIE)INTERNAL ASSESMENT (25 Marks)

Written Test – 10 marks

Assignment/ Research Based Project - 10 marks Attendance – 5 marks

Research Orientation of the student.

Course prerequisites: There are no any prerequisites for the students other than that he/she must be physically, mentally and medically fit.

Suggested equivalent online courses:

IGNOU

Other centrally/state operated Universities / MOOC platforms such as “SWAYAM” in India and Abroad.

Rajarshi Tandon open University.

Syllabus for B. A. / B.Sc. Physical Education/ Semester VI/ PAPER II

Program/Class: Degree	Year: Third	Semester: Sixth
Subject: Physical Education -Paper 2		
Course Code: E020602T	Course Title: Physical education for DIVYANG	
Course outcomes: This subject will help the students to understand the needs of the disabled (DIVYANG) people and make them ready to tackle any situation which comes in front of them while dealing disabled people. This subject can also teach Inclusion in sports for adapted people.		
Credits: 04		Elective
Max. Marks: 25+75		Min. Passing Marks: 10+25
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 4-0-2		
Unit	Topics	No. of Lectures
I	INTRODUCTION: Meaning and Definition. Aims and Objective. Need and Importance of Physical Education. Historical Review.	6
II	Physical Disabilities: Causes. Functional Limitations. Characteristics.	8
III	Mental Retardation: Causes. Characteristics. Functional Limitations.	8
IV	Outdoor Activities: Outdoor program for the disabled. Rhythmic and Dance Activities.	8
V	Aquatic Activity Program for disables.	8
VI	Rehabilitation: Functional and Occupational rehabilitation. Psychological Rehabilitation.	8
VII	Programs: Personality Development Program for DIVYANG. Social Welfare Program for Disabled.	7
VIII	Inclusion in sports for Adapted People: Recreational sports/ games. Competitive sports/ games.	7
<p>RECOMMENDED READINGS</p> <p>➤ C, Blauwet, (2007). Promoting the Health and Human Rights of Individuals with a Disability through the Paralympic Movement. (ICSSPE,) at 21. (Blauwet- Promoting the Health).</p> <p>➤ Barton, L. (1993) „Disability, empowerment and physical education“, in J. Evans (ed.), Equality, Education and Physical Education. London: The Falmer Press.</p> <p>Guttmann, L. (1976) Textbook of Sport for the Disabled. Oxford: HM & M Publishers.</p> <p>K, DePauw & S. Gavron, (2005). Disability and Sport. (2n.d Ed) Illinois: Human Kinetics.</p> <p>➤ R, Metts. (2000). Disability Issues, Trends and Recommendations for the World Bank (Washington D.C.:World Bank.).</p> <p>Oliver, M. (1990). The Politics of Disablement. Basingstoke: Macmillan.</p> <p>Sport England (2000) Young People with a Disability and Sport. London: Sport England.</p>		
This course can be opted as an elective by the students of following subjects: Open for all		
<p>Suggested Continuous Evaluation Methods: INTERNAL ASSESMENT (25 Marks) Written Test – 10 marks Assignment - 10 marks Attendance – 5 marks</p>		
Course prerequisites: There are no any prerequisites for the students other than that he/she must be physically, mentally and medically fit.		

Suggested equivalent online courses:

IGNOU

Other centrally/state operated Universities / MOOC platforms such as “SWAYAM” in India and Abroad.

- Rajarshi Tandon open University.

Syllabus for B. A. / B.Sc. Physical Education/ Semester VI/ PAPER III

Program/Class: DEGREE	Year: Third	Semester: Sixth
Subject: Physical Education- Practical		
Course Code: E020603P	Course Title: Research and Sports	
Course outcomes:		
Credits: 02		Elective
Max. Marks: 25+75		Min. Passing Marks: 10+25
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 0-0-2		
Unit	Topics	No. ofHours
	Part-A	
I	Research Perspective to learn the advanced skill of selected team games and <ul style="list-style-type: none"> • Major historical researches used to develop selected game/sports • Lay out and measurement of selected game/sports • Rules and regulation of selected games/sports • Specific research problems for selected game/sports • Research Techniques used to train skills of selected game/sports 	15
	Part-B	
II	Paralympic Committee of India (PCI) <ul style="list-style-type: none"> • History • Aims and Objective. • Learn about any one para-sports. • Para-competition. 	15
Suggested Readings: ACSM's Guidelines for Exercise Testing and Prescription (2001), American College of Sports Medicine, New York, U.S.A. Anspaugh, D.J., G. Ezell and K.N. Goodman (2006) Teaching Today Health, Mosby Publishers, Chicago (USA) 23. Donatelle, R.J. and Ketcham P. (2007), Access to Health, Benjamin Cummings, Boston, USA. 24. Flyod, P.A., S.E. Mimms and C. Yelding (2003) Personal Health: Perspectives and Lifestyles, Thomson, Wadsworth, Belmont, California, USA. 24. Test and Measurement & Evaluation in Physical Education & Sports by B.R. Gangawar Published by Ashoka Publication.		
This course can be opted as an elective by the students of following subjects: Open for all		
Suggested Continuous Evaluation Methods: INTERNAL ASSESSMENT (25 Marks) Written Test – 10 marks Assignment - 10 marks Attendance – 5 marks PRACTICAL ASSESSMENT (75 Marks) Practical – 50 VIVA – 15 Record book charts etc - 10		
Course prerequisites: There are no any prerequisites for the students other than that he/she must be physically, mentally and medically fit.		
Suggested equivalent online courses:		
Further Suggestions:		

Suggested equivalent online courses:

IGNOU

Other centrally/state operated Universities / MOOC platforms such as “SWAYAM” in India and Abroad.

- Rajarshi Tandon open University.

B. A. / B.Sc. Physical Education/ Semester VI/Research Project/ Paper IV

Program/Class: DEGREE	Year: Third	Semester: Sixth
Subject: Physical Education- Project		
Course Code:E020604P	Course Title: Research Project	
Course outcomes: It will help the learner to understand the basic problems of school going students related to sports and Physical Education and finding their solution with the help of analyzed data.		
Credits: 03	Compulsory	
Max. Marks: 25+75	Min. Passing Marks:	
Unit	Topics	No. ofHours
I	<ul style="list-style-type: none"> To conduct a survey or interview of primary or secondary government school students for the interest towards physical education and sports programs. Analyze the data and submit a detailed report and presentation. The student will work in groups in completing the project but will write the final paper individually 	45
Suggested Readings: Suggestive digital platforms web links- http://heecontent.upsdc.gov.in/Home.aspx		
ed as an elective by the students of following subjects: Open for all		
Suggested Continuous Evaluation Methods: Making a video of survey or interview and present it.(20 marks) Attendance (5marks)		
Course prerequisites: There are no any prerequisites for the students other than that he/she must be physically, mentally and medically fit.		