

ALAGAPPA UNIVERSITY

(A State University Established in 1985) Karaikudi - 630003, Tamil Nadu, India





ALAGAPPA UNIVERSITY COLLEGE OF PHYSICAL EDUCATION



M.P.Ed.

[Choice Based Credit System (CBCS)] [For the candidates admitted from the academic year 2019-2020]

ALAGAPPA UNIVERSITY COLLEGE OF PHYSICAL EDUCATION KARAIKUDI – 630003 TAMILNADU INDIA

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CURRICULUM FRAME WORK FOR MPED PROGRAMME

GUIDELINES OF REGULATION AND MODEL SYLLABI STRUCTURE FOR THE MASTER OF PHYSICAL EDUCATION PROGRMME (**M.P.Ed -2yrs- FOUR SEMESTERS (CBCS**))

I. PROGRAMME GENERAL OBJECTIVES:

Master of physical education degree is an honor students spend years working towards as part of a graduate program. This degree can qualify them to find work in their field or obtain a doctoral degree.

Master in Physical Education degree that provides students with the skills they need to work as a physical education instructor. Those enrolled in this program should expect to graduate with a thorough understanding of health and physical fitness and how to implement successful athletic programs in schools. Coursework in this program may include psychology, sports theory, anatomy, cardiovascular science, and athletics curriculum and instruction.

II. PROGRAMME SPECIFIC OBJECTIVES:

- 1. Master's degree in physical education can equip graduates with well-developed coaching, teamwork and public speaking skills. These skills can help graduate secure a rewarding career after graduation.
- 2. Master's degree in physical education depend on if the student chooses to study full time and the Students are encouraged to reach good physical education teacher.
- 3. The students after receiving their degree, graduates may find rewarding job opportunities as teachers in schools of all grades. They may also be able to work as a personal trainer, gym owner and operator, sports coach or activities director.
- 4. The Students working with kids isn't appealing, graduates may be able to find work in health clubs, at spas, at colleges or with the elderly helping coordinate exercise activities. Those who wish to maximize their earning potential may be able to do so by pursuing higher education or working as a freelance consultant or trainer.
- 5. As many schools are hiring an extra gym teacher or two to add to their staff to help promote physical activities in schools due to the rise in childhood obesity and lack of physical activity kids are receiving. So, they have a lot of career scopes for them.
- 6. As Master's degree is needed to teach at a college level so many high school teachers are also in charge of coaching the school sports teams, where they can then move on to eventually coaching college sports.
- 7. Another area is the sports where they can be given many types of jobs as they can become a coach, instructor and referee, etc.

III. PROGRAMME OUTCOME:

1. On successful completion of the programme

Candidates those who are physically well and have a lot of interest in physical education and its related activities can go for this course.

Those who have intellectual skills that require thought processes, interpretation of presented information, movement and muscle control and perceptual skills involving the thought, interpretation and movement skills are a good match for it.

Third, those who are capable of drawing and handling the verbal instructions, demonstration, video, diagrams and photo sequences, etc. also are suitable for it.

2. ELIGIBILITY FOR ADMISSION TO THE COURSE

- a) Bachelor of Physical Education (B.P.Ed) or equivalent with at least 50% marks
- b) Minimum intercollege level participation in sports and games is compulsory.
- c) The candidates should not have completed 35 years of age as on 1st July. However, relaxation of 3 years shall be given for SC/ST candidates.
- d) Ex-Servicemen / Experienced Physical Education Teachers shall be given relaxation of 6 years of age.
- e) The candidate should be medically fit and free from any deformity.
- f) Pregnant women are not permitted either for admission or to undergo the course. If violated, they will not be permitted to continue the cours e.
- g) Admission shall be made on the basis of ranking in the entrance and fitness test.

II COURSE OF STUDY

- 1. **Duration:** The M.P.Ed programme shall be of a duration of two academic years, that is, four semesters. However, the students shall be permitted to complete the programme requirements within a maximum of Four years from the date of admission to the programme.
- 2. The CBCS system: All programmes shall run on choice based credit system (CBCS). It is an instructional package developed to suit the needs of students, to keep pace with the developments in higher education and the quality assurance expected of it in the light of liberalization and globalization in higher education.
- 3. Course: The term course usually referred to, as papers' is a component of a programme. All courses need not carry the same weight, the courses should define learning objectives and learning outcomes. A course may be designed to comprise lectures/tutorials/laboratory work/field work / outreach activities / project work / vocational training / viva /seminars /term papers / assignments / presentations / self- study etc., or a combination of some of these.
- 4. Courses of Programme: The M.P.Ed programme consists of a number of courses, the term ' Course' applied is to indicate logical part of subject matter of the programme and is invariably equivalent to the subject matter of a "Paper" in the conventional sense. The following are the various categories of courses suggested for the M.P.Ed programme.

CORE COURSE

* **INTERNSHIP COURSES**

- ✤ ELECTIVE COURSE
- ✤ PRACTICAL COURSES

* DISSERTATION

for a minimum of 36 working hours in a week.

- 5. Semesters: An academic year is divided into two semesters. Each semester will consist of 17-20 weeks of academic work equivalent to 100 actual teaching days. The institution shall work
- 6. Working days: There shall be at least 200 working days per year exclusive of admission and examination process etc

7. **Credits:** The term 'credit' refers to a unit by which the programme is measured. It determines the number of hours of instructions required per week. One credit equals to one hour of teaching (lecture or tutorial) and two hours of practical work/field work per week. The term 'credit' refers to the weight given to a course, usually in relation to the instructional hours assigned to it. The total minimum credits, required for completing M.P.Ed programme is 90 credits and for each semester 20 credits.

SL.No	Special Credits for Extra Co-curricular Activities	Credit
	Sports Achievement at Stale level Competition (Medal Winner) Sports	1
1	Achievement National level Competition (Medal Winner)	2
	Sports participation International level Competition	4
2	Inter Uni. Participation (Any one game)	2
3	Inter College Participation (Min.Two games)	1
4	National cadet corps / National service scheme	2
5	Blood donation/Cleanliness drive/Community services/	2
6	Mountaineering – Basic Camp, Advance Camp/Adventure Activities	2
7	Organization/ Officiating - State /National level in any two games	2
8	News Reposting / Article Writing / book writing / progress report writing	1
9	Research Project	4

Provision of Bonus Credits Maximum of 6 Credits in each Semester

Students can earn maximum 06 Bonus Credits in each semester by his/her participation in the above mentioned activities duly certified by the Head of the institution/ Department. This Bonus credit will be used only to compensate loss of credits in academic activities.

THEORY/PRACTICAL/INTERNSHIP

SEMESTER – I					
S.No	Paper		Paper	Subject title	
	type		code		
	Core	CC - I	811 101	Research Process in Physical Education & Sports Sciences	
	subjects	CC - II	811 102	Physiology of Exercises	
t-A		CC - III	811103	Yogic Sciences	
Part-A		CC - IV	811104	Test, Measurement and Evaluation in Physical Education	
	Elective	EC - I	811105	Sports Technology	
Subject					
		EC -2 8111		Value and Environmental Education	
				Library	
	ic	PC -1	811107	Track and Field (Running Events),	
Part B	Practic um	PC -1I	811108	Game of Specialization - II (Second Best)	
Ч	Ā	PC -1II	811109	Yoga	
ပု	F _	PC -1V	811110	Class Room Teaching /coaching/officiating	
Part -c	Intern ship			Field /laboratory work: test, measurement and evaluation,	
Pa s				fitness training	
			CEM	IESTED II	

SEMESTER - II

S. No	Paper type		Paper code	Subject title
ar	Core	CC - V	811201	Applied Statistics in Physical Education & Sports
Par t-A	subjects	CC - VI	811202	Sports Biomechanics & Kinesiology

		CC- VII	811203	Athletic Care and Rehabilitation	
	Elective EC - III 811204 Sports Management and curriculum D		Sports Management and curriculum Designs in Physical Education		
	Course	EC-IV	811205	Sports Journalism and Mass Media	
	NME -1		811206		
	SLC - I			MOOCS	
				Library, yoga carrier Guidance	
Par t -	Pra ctic um	PC -V	811207	Track and field (Jumping Events)	
P t	ЧЭв	PC -VI	811208	Game of Specialization - II (Second Best)	
t	r p	PC -VII	811209	Teaching Lessons (Track)	
Part -c	Inter nship	PC -	811210	Teaching Lessons (Game)	
	на	VIII			

SEMESTER –III

No	a Danay Danay and Subject title			Such is at title
No	Paper		Paper code	Subject title
	type			
	Core	CC-VIII	811301	Scientific Principles of Sports Training
Subjects		CC – IX	811302	Sports Medicine
		CC- X	811303	Health Education and Sports Nutrition
Part-A	EC	EC - V	811304	Physical Fitness and Wellness
Par		EC- VI	811305	Sports Engineering
	NME -II		811306	
	SLC - II			MOOCS
				Library, yoga carrier Guidance
		PC -IX	811307	Track and Field III: Field events (Jumping and
Part - B	Practicum			throws)
Pai	Prac	PC -X	811308	Games Specialization – III (First Best)
		PC -XI	811309	Coaching Lessons of Track and Field 5 Lessons
Part -C Internship		PC -XII	811310	Coaching Lessons of Game of Specializations'
			_	VPP (Village Placement Program)

SEMESTER -IV

S.No	Paper		Paper	Subject title	
	type		code		
	Core	CC - XI	811401	Communication Technology	
	Subjects				
Part-A	Bubjeets	CC – XII	811402	Sports Psychology	
Pa		CC - XIII	811403	Education Technology In Physical Education	
		CC - XIV	811404	Dissertation (Project Work)	
.	a c	PC -XIII	811405	Track and Field IV	
Part - B	Prac ticu m				

		PC -XIV	811406	Games Specialization – IV (First Best)
	ip	PC -XV	811407	Coaching Lessons of Track and Field
Let		811408	Coaching Lessons - Game of Specializations	
	In	-	-	Adventure activities

Examinations:

i. There shall be examinations at the end of each semester, for first semester in the month of November/December: for second semester in the month of April/May. A candidate who does not pass the examination in any course(s) shall be permitted to appear in such failed course(s) in the subsequent examinations to be held in November/December or April/May.

ii. A candidate should get enrolled / registered for the first semester examination. If enrollment /registration is not possible owing to shortage of attendance beyond condonation limit/ rules prescribed OR belated joining OR on medical grounds, such candidates are not permitted to proceed to the next semester. Such candidates shall redo the semester in the subsequent term of that semester shall be admitted in the second semester, if he/she has successfully kept the term in first semester.

8. Attendance/ Condonation

Student must have 75% of attendance in each course for appearing the examination. Students who have 70% to 74% of attendance shall apply for condo nation in the prescribed form with the prescribed fee. Students who have 60% to 69% of attendance shall apply for Condonation in prescribed from with the prescribed fee along with the Medical Certificate. Students who have below 60% of attendance are not eligible to appear for the examination. They should redo the semester.

9. Pattern of Question Papers:

Question Papers shall have five questions (with option for each) corresponding to four units of each theory course.

Question No.	Description	Marks
PART A- 2x10=20	12 Questions- (Answer any 10)	20
	Minimum two question form each unit	20
PART B- 5x5=25	8 Question –(Answer any 5)Minimum one not more than two	25
	question form each unit	23
PART C- 10x3=30	5 Question- (Answer any 3)	
	Minimum one question form each unit	30
TOTAL		75

Format of Question Paper for 4 Units

10. **Evaluation:** The performance of a student in each course is evaluated in terms of percentage of marks with a provision for conversion to grade point. Evaluation for each course shall be done by continuous internal assessment (CIA) by the concerned course teacher as well as by end semester examination and will be consolidated at the end of course. The components for continuous internal assessment are:

Best of two Test	15 Marks
Seminar/Quiz	5 Marks
Assignments	5 Marks
Total	25 Marks

Attendance shall be taken as a component of continuous assessment. Even though the students should have minimum 75% attendance in each course. In addition to continuous evaluation

component, the end semester examination, which will be written type examination of at least 3 hours duration, would also form an integral component of the evaluation. The ratio of marks to be allotted to continuous internal assessment and to end semester examination is 25:75. The evaluation of practical work. Wherever applicable, will also be based on continuous internal assessment and on an end semester practical examination.

11. Minimum Passing Standard:

The minimum passing standard for CIA (Continuous Internal Assessment) and External Examinations shall be 40% i.e. 10 marks out of 25 marks and 30 marks out of 75 marks respectively for theory courses. The minimum passing for both CIA & external examination shall be 50% i.e 12 marks out of 25 and 35 marks out of 75.

12. Grading:

Once the marks of the CIA (Continues Internal Assessment) and SEA (Semester End Assessment) for each of the courses are available, both (CIA and SEA) will be added. The marks, thus obtained for each of the courses will then be graded as per details provided in M.P.Ed. from the first semester onwards the average performance within any semester from the first semester is indicated by Semester Grade Point Average (GPA) while continuous performance (including the performance of the previous semesters also) starting from the first semester is indicated by Cumulative Grade Point Average (GPA). **Classification of Final Results:**

For the purpose of declaring a candidate to have qualified for the Degree of Bachelor of Physical Education in the First class/Second class/Pass class or First class with Distinction, the marks and the corresponding CGPA earned by the candidate in Core Courses will be the criterion. It is further provided that the candidate should have scored the First/Second Class separately in both the grand total and end Semester (External) examinations.

13. Award of the M.P.Ed Degree:

A Candidate shall be eligible for the award of the degree of the M.P.Ed only of he/she has earned the minimum required credit including Bonus Credits of the programme prescribed above.

14. Letter Grades and Grade Points:

- i. Two methods-relative grading or absolute grading have been in vogue for awarding grades in a course. The relative grading is based on the distribution (usually normal distribution) of marks obtained by all the students in the course and the grades are awarded based on a cut-off mark of\r percentile. Under the absolute grading, the marks are converted to grades based on pre-determined class intervals. To implement the following grading system, the colleges and universities can use any one of the above methods.
- ii. The grades for each course would be decided on the basis of the percentage marks obtained at the end-semester external and internal examinations as per following table:

CGY-Category	Category(CGY)
CDT-Credit	1. Theory (Core)
GRD-Grade	2. Practical (Core)
GPT-Grade Point	3. Inter-Disiplinary-Theory
GPA-Grade Point Average	4. Inter-Disciplinary-Pracical
	5. Elective\Optional
	6. Comprehensive Viva/Seminar

- 7. Extension Programmes
- 8. Project And Viva-Voce

Marks	Grade Point	Letter Grade	Description
95 & above	10	S+	First close Exampleav
91-95	9.5	S	
86-90	9.0	D++	
81-85	8.5	D+	First Class-Distinction
76-80	8.0	D	First Class-Distiliction
71 – 75	7.5	A++	
66-70	7.0	A+	First class
61-65	6.5	Α	
56-60	6.0	В	
50.55	5.5	С	Second Class
Below 50	-	F	Fail
		AA	Absent

M.P.Ed/B.P.Ed/ M.Phil Programmes

GPA =	∑(CDTXGPT)
	∑CDT

Note:

GPA is calculated only if the candidate passes in all the courses i.e get minimum C grade in all the courses. GPA is calculated only when the candidate passes in all the courses of all the previous and current semesters. The cumulative grade point average will be calculated as the average of the GPA of all the semesters continuously, as shown above. For the award of the class, GPA shall be calculated on the basis of: a) Marks of each Semester End Assessment. b) Marks of each Semester Continuous Internal Assessment for each course. The final class for M.P.Ed. Degree shall be awarded on the basis of last GPA (grade) from all the one to four semester examinations.

Grievance Redressed Committee: The Grievance Redressed Committee with course teacher/Principal and the HOD of the faculty as the members will solve all the grievances of the students.

Revision of Syllabus:

- 1. Syllabi of every course should be revised according to the NCTE norms.
- 2. Revised Syllabi of each semester should be implemented in a sequential way.
- 3. In courses, where units / topics related to governmental provisions, regulations or laws, that change to accommodate the latest developments, changes or corrections are to be made consequentially as recommended by the Academic Council.
- 4. All formalities for revisions in the syllabi should be completed before the end of the semester for implementation of the revised syllabi in the next academic year.
- 5. During every revision, up to twenty percent of the syllabi of each course should be changed so as to ensure the appearance of the students who have studied the old (unrevised) syllabi without any difficulties in. the examinations of revised syllabi.
- 6. In case, the syllabus of any course is carried forward without any revision, it shall also be counted as revised in the revised syllabi.

SEMES	COURSE/ TITLE		DURSE	CREDI	HOU RS/	MARKS		MAD
TER	COURSE/ TITLE	C	CODE T WEE K			Intern	Exter	MAR KS
	Research Process in Physical				K	al	nal	
	Education & Sports Sciences (CC)	8	11101	3	3	25	75	100
	Physiology of Exercise (CC)	8	11102	3	3	25	75	100
	Yogic Sciences (CC)	8	11103	3	3	25	75	100
	Test, Measurement and Evaluation in Physical Education (CC)	8	11104	3	3	25	75	100
Ι	Sports Technology (EC) Values and Environmental		11105 11106	3	3	25	75	100
	Education (EC) Library	_			4			
	Track and Field (Running Events)	8	11107	2	4	25	75	100
	Game of Specialization - I (Second Best)	8	11108	2	4	25	75	100
	6		11109	2	4	25	75	100
	Class Room Teaching / Sports teaching and coaching/officiating (IP) 811110		11110	2	4	25	75	100
	Total			23	35	225	675	900
	Applied Statistics in Physical Education & Sports (CC)		811201	3	3	25	75	100
	Sports Biomechanics & Kinesiolog (CC)	у	811202	3	3	25	75	100
	Athletic Care and Rehabilitation (C	C)	811203	3	3	25	75	100
	Sports Management and curriculum Designs in Physical Education (CC)		811204	3	3	25	75	100
Π	Sports Journalism and Mass Media (EC)		811205					
	IDC (NME) MOOCS		811206	2 Extro	3 Credit	25	75	100
	Track and field (Jumping Events)		811207		5	25	75	100
	Game of Specialization - II (Second	1		2			75	
	Best)	-	811208	2	5	25	75	100
	Teaching Lessons (Track)		811209	2	5	25	75	100
	Teaching Lessons (Game)		811210	2	5	25	75	100
	Total			22	35	225	675	900
SEMES			COURS	CRED	HOU RS/	MA	RKS	
TER	COURSE/ TITLE		E CODE	IT	WEE K	Intern	Exter nal	MAR KS
III	Scientific Principles of Sports Train (CC)	ing	811301	3	3	25	75	100
	Sports Medicine (CC)		811302	3	3	25	75	100

SYLLABUS CREDIT STRUCTURE FOR M.P.Ed PROGRAMME

	Health Education and Sports Nutrition (CC)	811303	3	3	25	75	100
	Physical Fitness and Wellness (EC) Sports Engineering (EC)	811304 811305	3	3	25	75	100
	IDC (NME)	811206	2	3	25	75	100
	MOOCS			E	Extra Cred	it	
	Library, Yoga Carrier Guidance			4			
	Track and Field III: Field events (Jumping and throws)	811307	2	4	25	75	100
	Games Specialization – III (First Best)	811308	2	4	25	75	100
	Coaching Lessons of Track and Field 5 Lessons		2	4	25	75	100
	Coaching Lessons of Game of Specializations'	811310	2	4	25	75	100
	VPP (Village Placement Program)		-	-	-	-	-
	Total		22	35	225	675	900
	Communication Technology (CC)	811401	3	3	25	75	100
	Sports Psychology (CC)	811402	3	3	25	75	100
	Education Technology In Physical Education (CC)	811403	3	3	25	75	100
	Dissertation (CC)	811404	6	6	25	75	100
IV	Track and Field IV	811405	2	4	25	75	100
1 V	Games Specialization – IV (First Best)	811406	2	4	25	75	100
	Coaching Lessons of Track and Field (IP)	811407	2	4	25	75	100
	Coaching Lessons - Game of Specializations (IP)	811408	2	4	25	75	100
	Adventure Activities			4			
1	Total		23	35	200	675	800

CC: Core Course, **EC**: Elective Course, **NME**: Non Major Elective Course, **SLC**: Self Learning Course (MOOCs) and **NEC**: Non Exam Course.*Credits earned through Self Learning Courses (MOOCs) shall be transferred in the credit plan of the program as extra credits.

		Semester - I			
Course code:	: 811 101	Research Process In Physical And Sports Sciences		Credits:3	Hours: 3
Objectives					
*		ne basic concept of research			
*		bout the methods of research			
*		and the experimental research			
*		e sampling methods	. .		
*		and writing research proposal a	nd report		
Unit -I	INTRODUC			1.0	
		and Definition of Research –			
	•	cation. Classification of Research,			
		of a problem, Qualities of a go	od research	– Hypotnesis	– Meaning ,
		Types – Formulation of Testing.	lethede of D		Stude Case
		OF RESEARCH: Descriptive M			
		ophical Research, Introduction of urces of Historical Research: Prim			
		ernal Criticism and External Critic		i Secondary Dat	a, mistoricai
		NTAL RESEARCH: Experime		h _ Maanina	Natura and
		Meaning of variable, Types of V			
		n, Reverse Group Design, Repeate			
		Design, Equated Group Design, Fa		-	oup
		: Meaning and Definition of Sam			of Sampling:
		Iethods; Systematic Sampling, Clu			
		Aultistage Sampling. Non-Probabil			
		mpling, Quota Sampling.	5	,	1 /
	Materials, B Thesis/Disse conferences, Footnote and Areas of Scie	I PROPOSAL AND REPORT ody of Thesis – Back materials. rtation; Method of writing abstr Seminar and to publish journals, Bibliography writing, Reviews of ntific Dishonesty, Ethical Issues re vorking Ethics in the faculty, Proje	Method of act and full Mechanics Literature – egarding cop	Writing Resear paper for pre of writing Rese Ethical Issues i yright, Response	ch proposal, senting in a earch Report, n Research –
References					
		ch in Education New jersey; Pren			
		ke H. Harrison (1984) Research F	Processes in 1	Physical Educat	tion, New
•	ntice Hall Inc				
	Londonl Rout	ris Wragg (2006) Data Analysis ar	ia Research	for Sport and E	xercise
		K Nelson (2000) Research Metho	ds in Physic	al Activities Ille	onosis.
Human Ki		R Reison (2000) Research Metho	us in 1 nysic	ai neuvines, m	0110313,
		Research Methodology in Physical	Education of	and Sports. New	/ Delhi.
Outcomes					
	lefine researc	h and describe the research process	s and researc	h methods	
		e research context within the area of			orts.
		processes and requirements for co		-	
		cal education and sports.	0		
		pply basic research methods.			
		and electronic library resources ef	fectively and	d appropriately.	
🛠 Tou	understand th	e process of sampling, the uses of a	questionnaire	es as data-	
		ents, how a survey is carried out			
metl	hod, the uses	of surveys and to be able to captur	e their own o	lata.	

 To know the effect of exercise on skeletal system To know the effect of exercise on cardiovascular system. To know the effect of exercise on cardiovascular system. To understand metabolism a energy transfer. To understand metabolism a energy transfer. To understand the climatic conditions, sports performance & ergogenic. Unit-I Introduction: SKELETAL MUSCLES AND EXERCISE: Meaning and Definition of Physiology & Exercise Physiology. Structure of the Skeletal Muscle, Voluntary, Involuntary and Cardiac Muscle – Fiber type Characteristics & Athletic Performance – Skeletal Muscle response to Exercise Physiology. Structure of the Skeletal Muscle, Voluntary, Involuntary and Cardiac Muscle – Fiber type Characteristics & Athletic Performance – Skeletal Muscle response to Exercise - Chemical Composition, Sliding Filament theory of Muscular Contraction. Unit-II EFFECT OF EXERCISE ON VARIOUS SYSTEMS OF THE BODY: Circulatory System – Respiratory System – Muscular Functions & Muscular Activity: Neurons & Motor unit – Transmission of Nerve Impulse - Bio electric potentials - Neuro-muscular function& transmission of nerve impulse across it - Proprioception & kinesthetics – tone, posture & equilibrium. Unit III BLOOD: Composition & functions of Blood - Effect of exercise on Blood - Blood pressure (normal) - High BP (effect of exercise on) Blood Yressure (normal) - High BP (effect of exercise - Alveolar Ventilation & Dead Space - Other lung Volumes & Capacities - Importance of Pulmonary Volumes and Capacities - Second Wind - Oxygen Dept and Oxygen Deficit. Vinit IV METABOLISM AND ENERGY TRANSFER: Metabolism – ATP – PC or Phosphate System - Anaerobic Metabolism – Aerobic and Anaerobic Systems During Rest and Exercise. Short Duration High Intensity Exercises – High Intensity Exercise Lasting Several Minutes – Long Duration Exercises – High Intensity Exe			Semester - I		
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				physiolog	
 Recognize the energy system for aerobic and anaerobic components of exercise. 				ponents of exercise.	
Summarize the underlying physiological basis of physical fitness,					
physical training, health and wellness.					

		Semester - I						
Course cod	le: 811 103	Yogic Sciences	Credits:3	Hours: 3				
Objectives								
		and the concept of yogasanas.						
		oout asanas & pranayan.						
		and mudras. le concept of yogic therapy.						
Unit –I		TION: Origin, History and Evolution of Y	oga Meaning an	d Definition of				
		oppment of Yoga, Various Schools of Yog	• •					
		ga Sutra, Yama, Niyama, Aasna, Prana						
		adhi, Concept of Yogic Practices; Princi						
	-	equence – Counter pose – Time – Place – C						
	bowels - Stor	mach – Diet – No Straining – Age – Contra	Indication – Inve	rted asana –				
	Sunbathing.							
Unit-II		ND PRANAYAMA: Preparatory Asanas,						
	-	pes – Techniques and Benefits of Surya na						
		ypes and benefits of Pranayama, Types an		-				
		benefits of Chakras, benefits of cleaning and eaning, types and benefits of Koshas.	i balancing Chaki	ras, Concept of				
Unit III		D BANDHAS: Shat Kriyas – Meaning, Te	chniques and ha	nofite of Nati				
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		lendra bandha, Jihva Bandha, Uddiyana bar	-	-				
	Bandha.	,,,,,,,		,				
Unit IV	MUDRAS A	ND MEDITATION: Meaning, Technique	s and Benefits of	Hasta Mudras,				
	-	astam, Samyukta hastam, Mana muda, kay						
		tation: meaning, Techiques, types and Bene						
		ation – Meaning and Importance of Pray	yer – Psycholog	y of Mantras-				
		dras during Prayers.						
Unit V		ERAPHY: Yoga and Health – Integrat						
		l Exercise – Yoga Compensation Exercise - Compensation Exercise – Yoga Regeneratio						
	-	chological Preparation of athelete: Mental	-					
		n, Self Actualization. Effect of Yoga on Phy						
		estive, Nervous Respiratory, Excretory an						
		anayama on Various System, Role of Yog	•					
		designed and arranged internally.)	L `	·				
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		and Physiology of Yoga Practices. Lonavat						
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		dia, Central Health Education and Bureau.	asic Principies a	na meinoas.				
-		an, Contra Hearth Education and Buleau.						
Outcomes	erentiate betwe	en various paths of yoga						
			the field of spor	ts				
			sere of spor	 Apply and demonstrate various benefits of yoga to be applied in the field of sports Relate Yoga with health and wellness 				

[Semester - I		
Course code	: 811104	Test, Measurement And Evaluation In Physical Education	Credits:3	Hours: 3
Objectives		· · · · · · · · · · · · · · · · · · ·		
*		e basic of test, measurement & evaluation.		
*		he motor fitness tests.		
*		he physical fitness test		
*		he anthropometric, aerobic & anaerobic tes	t.	
*		he specific skill test.	F (1)	
Unit –I		CTION: Meaning and Definition of Test, M		
		nportance of Measurement and Evaluation. thenticity. Meaning, definition and establishir		
		Norms – Administrative Considerations.	ig valuty, Kella	ionity,
Unit-II		TNESS TESTS: Meaning and Definition of 1	Motor Fitness T	act for Motor
01111-11		ana Motor Fitness Test (for elementary and		
) Oregon Motor Fitness Test (Separately for		
		y; Barrow Motor Ability Test – Newton Motor		
		aus Weber Minimum Muscular Fitness Test.	2 10mry 10st -	
Unit III		FITNESS TESTS: Physical Fitness Test:	AAHPERD He	alth Related
		ry (revised in 1984). ACSM Health Related I		
		ess Index. Cardio vascular test; Harvard step te	•	-
		e fitness test (Beep test).		,
Unit IV	-	OMETRIC AND AEROBIC -ANAERO	BIC TESTS: F	Physiological
		obix Capacity: The Bruce Treadmill Test Pr		
	college age 1	nales and females. Anaerobix Capacity: Marg	aria – Kalamen	test, Wingate
	Anaerobic T	est, Anthropometric Measurements: Method o	f Measuring Heig	ght: Standing
	Height, Sittin	ng Height. Method of measuring Circumferen	nce: Arm, Waist,	Hip, Thigh.
	Method of M	Ieasuring Skin folds: Triceps, Sub scapular, Su	prailiac Body Co	omposis ion
	Analysis.			
Unit V		STS: Specific Spots Skill Test: Badmintor		
		c. Pherson Badminton test, French Short		
		est - Baskeball: Johnson Basketball Test, Har		•
		tball test - Cricket: Sutcliff Cricket test. Ho	•	•
		's Hockey Test, Schmithal's Dribble test, Schr		
		Volleyball, Russel Lange Volleyball Test, Bra		
		peated volleying test, French & Cooper's		
		neral Soccer Ability Skill Test Battery, John		
		er Test. Tennis: Dyer Tennis Test. (Note: Pra e designed and arranged internally.)	ictical's of indo	ors and out-
References	uvor tests D	e ucorgneu anu arrangeu mtermany.)		
		ACSM's Health Related Physical Fitness Asse	ssment Manual, (USA: ACSM
Publicatio		A D D (2001) A Computer banging Cuide to Spor	ta Shilla Taatan a	a d
		es P.B (2001) A Comprehensive Guide to Spor on) Lanham: Scarecrow Press.	is skills tester a	na
		usical Fitness Appraisal and Guidance, St.Lo	uis. The C Mosh	v Company
		sical Fitness A Way of Life, 2 nd Edition New Yo		
		Cynt ha, C.Hirst (1980), Measurement in Phys		
	•	Publishing Co. Inc.	neur Luneunon a	na mineries,
	-,			
Outcomes	in the basics	of measurement and evaluation of various test a	and measurement	techniques
		ots of measurement and evaluation of various test a		
		construct new tests for various need related to F		
• DUVU	op aonity to t	construct new tests for various need related to r	ing sieur Daucatio	
	s with scientif	fic authenticity		

		Semester - I						
Course code	e: 811105	Sports Technology	Credits:3	Hours: 3				
Objectives								
*		ne basic of sports technology.						
*		and various playing surfaces						
	 To know the modern technology equipments 							
*		he training gadgets and its uses.	ing concents					
• Unit -I		tand the sports building & maintair TECHNOLOGY: Meaning, defi	nition, purpose,	advantages and				
Umt -1		General Principals and purpose of ins		U				
		ion and business aspects, Technologic						
Unit-II		OF SPORTS MATERIALS: Adhe						
		Nano turf. Foot Wear Production,						
		ams – Polyurethane, Polystyrene, Sty						
		ene, Foam, smart Materials – Shape I						
	chromic film	, High-density modeling foam.						
Unit III	SURFACES	OF PLAYFIELDS: Modern surfa	aces for playfields,	construction and				
		of sports surfaces. Types of materia						
		f. Modern technology in the construct						
	•••	in manufacture of modern play equip	ments. Use of comp	uter and software				
** •/ ***		alysis and Coaching.						
Unit IV		EQUIPMENT: Playing Equipme						
		Bat/Stick/Racquets: Types, Materials rials and Advantages. Measuring ed						
		ective equipments: Types, Materials a						
		chnology, Advantages.	nu Auvantages. Spo	nts equipment				
Unit V		GADGETS: Basketball: Ball Fe	eder, Mechanism	and Advantages.				
		wling Machine, Mechanism an Ad						
	Mechanism a	and Advantages, Volleyball: Serving N	Machine Mechanisn	n and Advantages.				
		cilities: Method of erecting Flood Lig						
		ypes, Size, Capapcity, Place and Posit	tion of Camera in liv	ve coverage of				
	sporting even	its.						
REFERENC								
		.A and Furnes, J.A.G (1987) "Selection	on of Engineering N	Aaterials "UK"				
	Butterworth Heiremann.							
	Finn. R.A and Trojan P.K (1999) "Engineering Materials and their Applications" UK Jaico							
	Publisher.							
	John Mongilo, (2001), "Nano Technology 101 "New York: Green wood publishing group. Walia, J.S.Principls and Methods of Education (Paul Publishers, Jullandhar), 1999.							
Kochar, S.K.Mehtods and <i>Techniques of Teaching</i> (New Delhi, Jullandhar, Sterling Publishers								
Pvt. Ltd)		and recommended of reacting (new De	, surmining, Stor					
		Jackson. Methods in Physical Educa	tion (W.B Saunders	Company,				
Philadelphia and London) 1952.								
Outcomes		xplain the basics of technology used i	in Sports and games					
		he physical education Student know a						
		lay area and officiating part		-				

		Semester	- I					
Course code	Course code: 811106Value And Environmental EducationCredits:3Hours: 3							
Objectives * *	To know a	out the concepts of values out the value system and the environmental edu		1				
*		and the rural and urban h						
*		out the natural resources						
Unit -I	INTRODUC	TION TO VALUE ED	UCATION: Valu	ues: Meaning	Definition,			
	Concepts of V	Values, Value Education: No	eed, Importance and	d Objectives. N	Ioral Values:			
		eories of Values. Classificat	ion of Values: Basi	ic Values of re	ligion,			
	Classification							
Unit-II		TEMS: Meaning and Define						
		ues, Consistency, Internally		ally inconsister	it, Judging			
		, Commitment, Commitme						
Unit III		IENTAL EDUCATION:						
		l studies., Concept of envir			0			
		l education, Celebration o ing & probation of plastic b						
	•	and sustainable developmer	•		minentai			
Unit IV		NITATION AND URBAN		Haalth Problar	ng Causas of			
	Urban Health	Problem, Points to be kept Problems, Process of Urba tivity, Services on Urban Sl	an Health, Services	s of Urban Are	a, Suggested			
Unit V	resources, foo of: Air Pollu	RESOURCES AND RELA of resources and Land resources ion, Water Pollution, Soil of environment and Govt. H	rces, Definition, ef Pollution, Noise Po	fects and controllution, Thern	ol measures al Pollution			
REFERA	NCE:		*					
Odum Rao, 1 1987)	n, E.P. <i>Fundar</i> M.N & Datta,	conmental Science (Wadswo nentals of Ecology (U.S.A. A.K Waste Water Treatmer	W.B Saunders Co) at (Oxford & IBH F	1971) Publication Co.	Pvt Ltd)			
Townsend C and others, Essentials of Ecology (Black well Science) Heywood, V.H and Watson V.M., <i>Global biodiversity Assessment</i> (U.K Cambridge University Press) 1995.								
1996.		ale, V.M <i>Environmental Sc</i> ronmental Science (Wadsw	·		enhanced Ed)			
Outcomes	*	Getting more knowledge		,				
Jucomes	*	Student know about the ru						
	*	Student know about the p						
	*	Student know about the p		e pollution etc.				
	•	2.500 million about the a	,, 5011, 110150	r on anon oto.				

		Semester - II		
Course code	e: 811 201	Applied Statistics In Physical Education And Sports	Credits:3	Hours: 3
Objectives				
•	nderstand the	e basics of statistics		
🔅 To ki	now the data	classification, tabulation and measure of cen	tral tendency	
🔅 To ki	now the meas	ure of dispersions and scales		
🔅 To ki	now about th	e measure of dispersions and scale		
		e probability distribution & groups		
		out inferential & comparative statistics		
Unit –I		CTION: Meaning and Definition of Statis		
		f Statistics in Physical Education -Types of Sta		
		Sample ,Data- Type of Variables, Discrete, Con		
		tatistics-Nature of Data-Nominal, Ordinal, Inte	erval, Ratio. Sa	mpling
TT •4 TT		of means, standard error of means.		
Unit-II		SIFICATION, TABULATION AND MEAS X: Meaning and Definition, Types of Data		
		Cable- Class Interval- Meaning, Purpose Cal		
		Central Tendency-Mean, Median, Mode	iculation and	Auvantages 0
Unit III		S OF DISPERSIONS AND SCALES: Mean	ing Purpose_ (Calculation and
		Range, Quartile, Deviation, Mean Deviation		
		culation and Advantages of Scoring Scales- 6		•
		es and Percentiles type-1 and II error one tail ar		
Unit IV		TY DISTRIBUTIONS AND GRAPHS:		
		inciples of Normal Curve- Properties of Nor		
		kewness and Kurtosis-Graphical Representatio		
		, Histogram, Frequency Polygon, Ogive Curve		
	of variation a	and sampling error.		
Unit V	INFERETIA			0
		't' Test, Dependent 'T' Test, Chi-Square Te		
	-	n of Data, Meaning and Type of Correlation, C		
	-	an Rank order Correlation, Concept, Analysi		-
		ple size, Need Importance and Purpose of Or		
		and Analysis of Co-Variance, Post-hoctest (-	
		lass intervals & write the frequencies by using	•	-
		on matrix, Calculation of partial correlation		-
		Calculation oft-ratio for related and unrelated g e hypothesis, Preparing the percentile scale, Ca		
		of the one way ANOVA with equal & unequal a		1-square,
References	Surveilation	a me one way rate tri when equal & unequal		
	n W research	h in education (4 th edition)new Delhi, prentice	hall India 108	81
		e, Harision H. Research process in physical educ	cation, Englew	ood cliffd; nev
		Delhi, prentice hall India 1981		
Garrett, F India 198		worth, R.S. statistics in psychology and education	on Bombay; va	kil &son ltd.
Jerry R T kinetics	homas & jack	k nelson (2000) research methods in physical	actives. Illono	sis, human
Kamlesh.	m.l (1999) res	earch methodology in physical education and s	sports Delhi.	
Outcomes				
 Knov 	v how to organ	ize, manage, and present data.		
 Explo 	ore and organi	ze data for analysis.		
✤ Use a	ind apply a wi	de variety of specific statistical methods.		

Demonstrate understanding of the properties of probability and probability distributions.

• Demonstrate understanding of the probabilistic foundations of inference.

	Semester - II
Course co	de: 811 202 Sports Biomechanics And Kinsesiology Credits: 3 Hours: 3
Objectives	
	To know the basic of sports biomechanics & kinesiology.
	 To understand the muscle action.
	 To know the concept of motion and force.
	To know the concept of projectile and lever
	To know about movement analysis.
Unit –I	Introduction: Need and Importance of Bio Mechanics and Kinesiology, Meaning Nature, role and scope of Applied kinesiology and Sports Biomechanics. Meaning of
	Axis and Planes. Dynamics, Kinematics, Kinetics, Statics Centre of gravity – line of gravity plane of the body and axis of motion, Vectors and Scalars.
Unit-II	PROJECTILE AND LEVER: Projectiles: Factors influencing projectile trajectory -
	Angular Kinematics of Human Movement - Angular Distance and Displacement - Angular Speed and Velocity - Units in angular kinematics - Angular Acceleration -
	Types of Equilibrium - Static Equilibrium - Dynamic Equilibrium – Levers - Types of
	Lever - Mechanical Advantages of Lever – Stability - Factors Affecting Stability -
	Stability and Potential Energy - Center of Gravity and - Stability and Human movement
Unit III	MOTION AND FORCE: Meaning and definition of Motion. Types of Motion: Linear
	motion, angular motion, circular motion, uniform motion. Principals related to the law of
	Inertia, Law of acceleration, Law of counter force. Meaning and definition of force -
	Sources of force - Meaning of work, power, energy, kinetic energy and potential energy
	- Force components Force applied at an angle - pressure - friction - Buoyancy, Spin and
	its Types - Application of Centripetal force Centrifugal force Sports and Games
Unit IV	MUSCLE ACTION: Origin, Insertion and action of muscles: Pectoralis major and
	minor, Deltoid, Biceps, Triceps (Anterior and Posterior), Trapezius, Seratus, Sartorius
	Rectus femoris, Rectus femoris, Rectus Abdominous, Quadriceps, Hamstring,
	Gastronemius.
Unit V	MOVEMENT ANALYSIS: Mechanical Principles – Running – 100 Mts, Walking,
	Jumping-Long Jump High Jump and Throwing – Discuss – Shot put, Games and Their
	Skills Football-Kicking & Heading, Volleyball- Service Spiking, Cricket Forward
	Defense Catching, Hockey Dribbling – Hitting, Basketball Dribbling Lay up Analysis
	of Movement: Types of analysis: Kinesiological, Biomechanical. Cinematographic. Methods of analysis – Qualitative, Quantitative, Predictive, Muscular analysis.
Reference	Themous of analysis – Quantarive, Quantitative, Frederive, Museulai analysis.
	n S. I. Instruction to Vinegialogy (Ilumon Vinegialogy with institution in 2005)
	n S.J Introduction to Kinesiology (Human Kinesiology publication in – 2005)
	Roy, & Richard Irvin (1983). <i>Sports medicine</i> . New Jersery: Prentice hall. s. (2001) <i>manual of structural Kinesiology</i> , New York: Me Graw hill
	A.K. Lawrence mamta MP Kinesiology (Friends Publication India 2004)
	(2004) Kinesiology in Physical Education and Exercise Science, Delhi Friends
publica	
William	as M (1982) Biomechanics of Human Motion, Philadeiphia; Saunders co.
Outcomes	
hur	plain the basic mechanical concepts and will be able to interpret its relation to nanbody movements
-	ganize and specify the overall goal of the course.
	ply and analyze the factors of mechanical laws involved in human movement.
<u> </u>	plain the principles of movement analysis

		Semester - II				
Course code	e: 811 203	Athletic Care And Rehabilitation	Credits:3	Hours: 3		
Objectives						
*		e basic and sports injuries.				
*		bout wound, hydrotherapy & electrotherap	py.			
*		and massage techniques & effects.				
*		bout exercises and approaches.	_			
*	-	and about protective equipments & postur		Desisting 1 in		
Unit –I		Normal curve of the spine and its utility, Kypholodsis, flat back, Scoliosis, round shoulder				
		or these deviations and treatment including ex		bow leg, riat		
Unit-II		Brief history of massage – massage as an ai		p. Points to be		
Unit-II		i giving massage – Physiological Chemical, P				
		/ Contra indication of Massage – Classifica				
		their specific uses in the human body – Strok				
		nipulation: Pertrissage Kneading (Finger, Kn				
		cussion manipulation: Tapotement, Hacking,				
		pping, Poking, Shaking Manipulation, Deep		<i>U</i> , <i>U</i> ,		
Unit III		JURIES CARE, TREATMENT AND SU		iples Pertaining		
	to the preven	ntion of Sports injuries - care and treatment	nt of exposed	and unexposed		
		ports - Principles of apply cold and heat,				
		Therapy – Short wave diathermy therapy.	-	-		
		• •		Hydrotherapy,		
		Contrast Bath and Whirlpool Bath. General	and Specific Tr	aining to avoid		
T T 1 / T T7	injuries.		1 1	C		
Unit IV		IVE PHYSICAL EDUCATION: Definitio				
		cation. Posture and body mechanics, Standar are. Drawbacks and causes of bad posture. Po	-			
	spine.	ine. Drawbacks and causes of bad posture. Fo	sture test – Exa	initiation of the		
Unit V	-	TATION EXERCISES: Passive, Active, As	sisted Resisted	evercise for		
Unit v		n, Stretching, PNF techniques and principle				
		es (Sprain and Strain).		2		
Reference	5					
Dohenty	. J. Meno. Weth	o, Moder D (2000) Track & Field, Englewood	Cliffs. Prentice	hal Inc.		
		age and Medical Gymnastics, London: J & A				
		54) Teat and Measurement, New York: Appl				
•	-	al of Massage and, Movement, London: Febr	•	l.		
Rathbom	e, J.I (1965) C	orrective Physical education, Londone: W.B	Saunders & Co			
Stafforda	and Kelly, (196	(8) Preventive and Corrective Physical Education	tion, New York	•		
Outcomes						
		tudents know about the sports injury				
	✤ St	tudents know about the Resisted exercise for				
	✤ St	udents know about the human body deformit	У			

		Semester	r - II		
Course code 811 204	2:	Sports Management And C In Physical Edu		Credits:3	Hours: 3
Objectives					
* * * *	To un To un To kn	v the concept & sports man erstand programme manag erstand equipment & publi w the concept of curriculum v the curriculum sources.	gement c relation		
Unit –I	-	OUCTION TO SPORTS M	ANAGEMENT: D	efinition. Imr	ortance. Basic
	Principl Persona Persona	and Procedures of Sports I Management: Objectives of I Manager in an organization,	Management. Functi Personal Manageme Personnel recruitme	ons of Sports nt, Personal P nt and selection	Management. olicies, role of on.
Unit-II		AM MANAGEMENT: Imp	-	-	
	develop School, Commu	ement, Factors influencing ent, Competitive Sports Pr colleges Sports Programs, m ity Based Physical Education	ograms, benefits, N anagement Problem and Sports program	Aanagement (s in instructio	Guidelines for n programme,
Unit III	EQUIP	IENTS AND PUBLIC RE	ELATION: Purchas	se and Care of	of Supplies of
	Equipment, Guidelines for selection of Equipment and Supplies, Purchase of equipments and supplies, Equipment Room, Equipment and supply Manager. Guidelines for checking, storing, issuing, care and maintenance of supplies and equipments. Public Relations in Sports; Planning the Public Relation Program – Principles of Public Relation – Public Relations in school and Communities – Public				
Unit IV		and the Media. CULUM: Meaning and Defi	inition of Curriculu	m = Purnose	of Curriculum
	design - Commu curriculi quality,	Principles of Curriculum Co- ity centered, Forward lookin n development Conservative onceptuality and plurality. A entered and Community cen	nstruction: Students g principle, Principl (Preservation of Cu pproaches to Curricu	centered, Act es of integrati lture). Relevan ılum; Subject	ivity centered, on, theories of nce, flexibility,
Unit V	CURRI	ULUM SOURCES: Fac	tors that affecting	g curriculum	: Sources of
	Magaziı Curricul	m materials – text books s, Internet. Integration of P m research, Objectives of Cu Evaluation of Curriculum, M	hysical Education w arriculum research –	vith other Spo Importance o	orts Sciences –
REFERENC					
Aggarwa Series – 3 Bucher A Mobsy P Carl, E, V	l, J.C (19 3 Delhi: I A. Charles ublishing Will goose	D). Curriculum Reform in Indoaba House, Book seller and 1993) Management of Physi Company. (1982. Curriculum in Physimiran. (1998), Sports Management	Publisher. cal Education and S cal Education, Lond	<i>ports</i> (10 th ed on: Prentice H	.,) St, Louis: Iall.
Outcomes		-			
 Ident the an To de To ar mana To de 	rea asa ca escribe or nalyze and gement, j evelop op	elevant to modern physical e eer perspective anization and administration interpret sports philosophy, s iblic administration and mar ortunities to construct & desi e group, gender consideration	of sports programme ports sociology, busi keting techniques. gn the curriculum of	es. ness systems, PE in broader	sports

		Semester - II					
Course co	Course code: 811 205 Sports Journalism And Mass Media Credits: 3 Hours: 3						
Objectives							
		he basic ethics of journalism.					
		bout the journalism and sports education.					
		bout the influence of mass media					
		bout the report writing on sports					
		and about methods of editing a Sports repo					
Unit –I		CTION: Meaning and Definition of Journalis					
		ournalism – Sports Ethics and Sportsmanship	 reporting Spo 	orts Events.			
TT •4 TT		Internal Sports News Agencies.	1. 1	. 1			
Unit-II		ULLETIN: Concept of Sports Bulletin: Journ	-				
		sports bulletin – Compiling a bulletin – ' n the Field of Physical Education: Sports as					
		Sports organization and sports journalism – C					
	sports report		Jeneral news re	porting and			
Unit III			V Commentary	v = Running			
		MASS MEDIA: Mass Media in journalism: Radio and T.V Commentary – Running commentary on the radio – Sports experts comments. Role of Advertisement in					
	Journalism. Sports Photography: Equipment – editing – Publishing						
Unit IV		WRITING ON SPORTS: Brief review of Ol		Asian Games			
		ealth Games World Cup, National Games ar	• 1				
	Preparing repot of an Annual Sports Meet for Publication in Newspaper. Organization						
	of Press Meet.						
Unit V		SM: Sports organization and Sports Journali					
		porting. Methods of editing a Sports report. E					
		th and elite Player and Coach. Practical assig					
		report and news of the same; visit to News P	-				
		s departments and their working. Collection o	of Album of nev	wspaper			
DEFEDEN	cuttings of s	Jorts news.					
REFEREN							
		ory and Practice of Journalism: Set to Indian	cntext Ed3. De	lhi: Surjeet			
Publica		AA (1000) Complete Company in Remarking New	- Dallais Corrigat	Dublication			
		AA (1990) Concise Course in Reporting. New deast Journalism Basis Bringings, New Delhi					
		lcast Journalism Basic Principles. New Delhi lcast Journalism Basic Principles. New Delh					
) Value Education in Global Perspective. New					
	• •) Value Education in Global Perspective. New					
		Skills, Madurai: Madurai: Yadava College Pu					
		on: Changing Perspective, New Delhi. Kanish					
Outcomes							
	ply the concept	of reporting and editing.					
		the advertising concepts.					
		pt of journalism and mass media					

Interpret the concept of journalism and mass media

	Semester - III						
Course cod	e: 811 301 Scientific Principles Of Sports Training Credits:3 Hours: 3						
Objectives							
	After studying this paper the student teachers will be able:						
	8						
	 To know the components of physical fitness To an departure of float hilling 						
	 To understand flexibilities 						
	inderstand training pan inderstand coaching.						
Unit –I	INTRODUCTION: Sports training: Definition – Aim, Characteristics, Principles of						
Umt –I	Sports Training - Definition of Training Load – Importance and features of training load						
	– Principles of Training load - Over Load: Definition, Causes of Over Load, Symptoms						
	and adaptation process of Overload, Remedial Measures – Super Compensation .						
Unit-II	COMPONENTS OF PHYSICAL FITNESS: Strength: Methods to improve Strength:						
Omt-11	Weight Training, Isometric, Isotonic, Circuit Training, Speed: Methods to Develop						
	Speed: Repetition Method, Downhill Run, Parachute Running, Wind Sprints,						
	Endurance, Methods to Improve Endurance. Continuous Method, Interval Method,						
	Repetition Method, Cross Country, Fartlek Training, Pressure training, Plyometrics,						
	Competition and test method. Altitude Training – Cross Training. Non Traditional						
	Resistance training.						
Unit III	FLEXIBILITY: Flexibility and Co ordinative Abilities: Methods to Improve the						
	Flexibility – Stretch and Hold Method, Ballistic Method, Iso Kinetic Method, Special						
	Type Training: Plyometric Training. Training for Coordinative abilities: Methods to						
	improve Coordinative abilities: Sensory Method, Variation in Movement Execution						
	Methods, Combination of Movement Method. Types of Stretching Exercises.						
Unit IV	TRAINING PLAN: Training Plan: Macro Cycle, Meso Cycle, Micro. Short Term Plan						
	and Long Term Plans - Periodisation: Meaning, Single, Double and Multiple						
	Periodisation, Preparatory Period, Competition Period and Transition Period, Multi						
	Gym Training						
Unit V	DOPING: Definition of Doping - Side effects of drugs – Dietary supplements,						
	Glycogen, Loading – Ioc list of doping classes and methods. Blood Doping – The use						
	of erythropoietin in blood boosting – Blood doping control – The testing programmes – Problems in druc detection – Blood testing in doping control – Problems with the						
	supply of medicines Subject to IOC regulations: Over – the – counter drugs (OTC) –						
	prescription only medicines (POMs) – Controlled drugs (CDs). Reporting test results –						
	Education. WADA and NADA.						
References							
	N. (1998) Scientific Principles of Coaching, New Jersey Engle Wood Cliffs, Prentice Hall						
Inc.	···· (
	Klafs & Daniel, D. Arnheim (1999) Modern Principles of Athletic Training St. Louis						
	sphy Company.						
Daniel, I	D. Arnheim (1991_ Principles of Athletic Training, St. Luis, Mosby Year Book David R.						
	Mottram (1996) Drugs in Sport, School of Pharmacy, Liverpool: John Moores University.						
	Gary, T. Moran (1997) – Cross Training for Sports, Canada: Human Kinetics Hardayal Singh						
	cience of Sports Training, New Delhi, DVS Publiations Jensen, C.R. & Fisher A.G						
(2000).							
Outcomes							
	rstand the concept, scientific principles and forms of sports training.						
	op Methods of Training for all of the Fitness components						
	nical and Tactical training methods to develop						
	aint the students with dimensions and actual markings of different play fields, courts						
and a	arenas.						

	Semester - III						
Course cod	e: 811 302 Sports Medicine	Credits:3 Hours: 3					
Objectives							
After studying this paper the student teachers will be able:							
	 To know about the price prince therapy 						
•							
•	J						
	J. J						
Unit –I	3	magnetance of Sports Madising					
Unit –I	INTRODUCTION: Meaning definition and in Definition and Principles of therapeutic exercises, I						
	Types of Skin Wounds Injuries, Causes, classification						
	Stages of healing – sign of Inflammation – causes, c						
	Advantages and Disadvantages of PRICE, PRINCE						
	Sports Physician / Physical Educator / Athletic Tra						
	sports medicine.						
Unit-II	BASIC REHABILITATION: Basic rehabilitation	on: Strapping/Tapping: Definition,					
	Principles Precautions Contraindications, Proprioc	ceptive neuromuscular facilitation:					
	Definition hold, relaxation Techniques – Jackupson						
	repeated contractions. Show reversal technique exerci-						
	Stretching. Definition. Types of stretching, Advanta						
	muscle grading - Meaning and Definition of Doping	- history – classification –					
TT •4 TTT	preventive measures.						
Unit III	SPINE INJURIES AND EXERCISE: Head, N	1 0					
	Presentational of spinal anomalies, Flexion, Comp injuries. Spinal range of motion. Free hand exerc						
	exercise for head neck, spine. Supporting and aiding						
	Head, Neck and Spine injuries.	, teeninques and equipment for					
Unit IV	UPPER EXTREMITY INJURIES AND EXERCISE: Upper Limb and thorax						
0	Injuries: Shoulder: Sprain., Strain, Fracture, Dislocation, Strapping. Elbow: Sprain,						
	Strain, Strapping. Wrist and Fingers: Sprain Strain, Strapping, Thorax, Rib fracture.						
	Breathing exercises, Relaxation techniques, Free	e hand exercise, Stretching and					
	strengthening exercise for shoulder, Elbow, Wrist						
	techniques and equipment for Upper Limb and Thorax Injuries, Modalities and its uses						
	- Mobilization of joints. Abdomen: Abdominal wall, Contusion, Abdominal muscle						
	strain.						
Unit V	LOWER EXTREMITY INJURIES AND EXERC						
	injuries: Hip: Adductor strain, Dislocation, Strapp						
	Strapping, Preventive of joint stiffness - Free exerci exercise for Hip, knee, ankle and Foot. Supporting an	• • •					
	for Lower limb and Abdomen injures, Gym Ball Ex						
	and visit to Physiotherapy Centre to observe treatme						
	collection of sports injury incidences, Visit to TV Ce						
	internally.	r ····					
Reference	· ·						
Christop	her M.Norris (1993) Sports injures Diagnosis and Man	nagement for Physiotherapists. East					
	: Thomson Litho Ltd.						
	A. Gould & George J.Davies (1985). Toronto Scientific	e Principles of Coaching, New					
	ngle Wood Cliffs, Prentice Hall Inc.						
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	osphy Company.	Le's Made Ver D. I.D. 'ID					
	D. Arnheim (1991_ <i>Principles of Athletic Training</i> , St.						
	n (1996) Drugs in Sport, School of Pharmacy, Liverpoor						
Gary, T.	Gary, T. Moran (1997) – Cross Training for Sports, Canada: Human Kinetics Hardayal Singh						

(1991) Science of Sports Training, New Delhi, DVS Publiations Jensen, C.R. & Fisher A.G (2000).

Outcomes

- ✤ Importance of sports medicine
- Scope of sports medicine
- Role of sports medicine expert in enhancing sports performance
- Sports injuries, their prevention, management and rehabilitation
- ✤ Ill effects of drug use.

	Semester - III						
Course coo	de: 811 303 Health Education And Sports Nutrition Credits	s:3 Hours: 3					
Objectives							
After studying this paper the student teachers will be able:							
 To understand health education concepts 							
•	To know the health problems in India						
	 To understand about hygiene and health 						
	 To know the introduction of sports nutrition 						
	* To know nutrition and weight management relations.						
Unit –I	HEALTH EDUCATION: Concept, Dimensions, Spectrum and						
	Health Definition of Health, Health Education, Health Instruction, H						
	Levels of Health Care in India – Primary, Secondary, Tertiary -						
	Genetics on positive Health – Health for all 2010AD - Aim, objectiv						
	Health Education - Health Service and guidance instruction in personal Health Care during camp and travelling	nai nygiene -					
Unit-II	Health Care during camp and travelling. HEALTH PROBLEMS IN INDIA: Communicable and Non Comm	nunicable Discosoc					
Unit-II	- Obesity, Malnutrition, Adulteration in food, Environmental san						
	Population - Personal and Environmental Hygiene for Schools - (
	health service, Role of health education in schools Health Services –						
	Eye health service, Nutritional service - Health appraisal, Health						
	school environment first – aid and emergency carte etc - Responsibility						
	Community on Health.	inty of marriadar /					
Unit III	HYGIENE AND HEALTH: Meaning of Hygiene, Type of Hygi	ene. dental Hygine.					
	Personal Hygine, Hygine in Camps, Sports Hygine and Competition						
	on Health, Effect of Tobacco on Health, Life Style Managemen						
	Hypertension, Obesity, Stress, Health Agencies and organization: Re						
	Johns Ambulance, UNICEF, UNIESCO.	, ,					
Unit IV	INTRODUCTION OF SPORTS NUTRITION: Meaning and D	Definition of Sports					
	Nutrition, Role of nutrition in sports, basic Nutrition gui	delines, Balanced					
	Diet(Carbohydrate, Protein and Fat), Role of carbohydrates, Fat, pro	otein, micro					
	nutrients and hydration during exercise.						
Unit V	WEIGHT MANAGEMENT: Concept of BMI (Body mass inde						
	hazard, Dieting versus exercise for weight control Maintaining a						
	Weight management program for sporty child, Role of diet and exer						
	management, Design diet plan and exercise schedule for weight gain	1 and loss.					
REFEREN							
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	Ghosh, B.N "Treaties of Hygiene and Public Health"						
	, John J. "Principles of Public Health Administration" 2003.						
Turner, C.E "The School Health and Health Education".							
	nd et. At " <i>Health Education</i> " (Harber and Brothers, New York)						
	A. ' <i>The School Health Education</i> " (Harber and Brothers, New York) on Encyclopedia, edited by Delores C.S James, The Gale Group, Inc.						
	on Encyclopeana, canca by Defores C.S James, The Gale Group, Inc.						
Outcomes							
	derstand the concept of holistic health through fitness and wellness						
	plain the concept of physical fitness, health related and motor fitness						
	aluate primary health status						
• Pre	pare fitness schedules& evaluate fitness						

	Semester - III						
Course code	e: 811 304 Physical Fitness And Wellness Credits:3 Hours: 3						
Objectives							
	ing this paper the student teachers will be able:						
*	- · · · · · · · · · · · · · · · · · · ·						
 To know nutrition for fitness 							
	 To understand about aerobic exercise 						
*							
Vnit –I	 To understand about flexibility exercise. INTRODUCTION: Meaning and Definition" of Physical Fitness, Physical Fitness 						
Unit –I	Concepts and Techniques, Principles of physical fitness, Physical principles						
	involved in human movement, Components of Physical Fitness. Leisure time physical						
	activity and identify opportunities in the community to participate in this activity.						
	Current trends in fitness and conditioning, components of total health fitness and the						
	relationship between physical activity and lifelong wellness.						
Unit-II	NUTRITION: Nutrients; Nutrition labeling information, Food Choices, Food Guide						
	Pyramid, influences on food choices - social, economic, cultural, food sources,						
	Comparison of food values. Weight Management – proper practices to maintain, lose,						
	gain, Eating disorders, Proper hydration, the effects of performance enhancement drugs.						
Unit III	AEROBIC EXERCISE: Cardio respiratory Endurance Training, Safety techniques						
	(including modifications for health conditions, i.e., asthma, obesity; breathing						
	techniques; proper movement forms, i.e., correct stride, arm movements, body						
	alignment; proper warm-up, cool down, and stretching), monitoring heart rates during						
	activity. Assess cardio respiratory fitness and set goals to maintain or improve fitness						
	levels. Cardio respiratory activities including i.e power walking, pacer test, interval						
	training, incline running, distance running, aerobics and circuits. Awareness of cardio						
Unit IV	respiratory fitness opportunities in the community.						
Unit IV	ANAEROBIC EXERCISE: Resistance Training for Muscular Strength and Endurance; principles of resistance training, safety techniques (spotting, proper body alignment,						
	lifting techniques, spatial, awareness and proper breathing techniques). Weight training						
	principles and concepts; basic resistance exercises (including free hand exercise, free						
	weight exercise, weight machines, exercise bands and tubing. Medicine balls, fit balls)						
	Advanced techniques of weight training.						
Unit V	FLEXIBILITY EXERCISE: Flexibility Training, Relaxation Techniques and core						
	Training. Safety techniques (stretching protocol; breathing and relaxation techniques)						
	types of flexibility exercises (i.e dynamic, static), Develop basic competency in						
	relaxation and breathing techniques. Pilates, Yoga.						
REFERENC	CE:						
	.Miller & T. Earl Allen, Fitness, A life time commitment, Surjeet Publication Delhi 1989.						
	Judy, the complete guide to the postnatal fitness, A & C Black Publishers Ltd. 35 Bedford						
	row, London (1998)						
	Dr. A.K. Uppal, Physical Fitness, Friends Publications (India), 1992. Warner W.K Oeger &						
	A. Hoeger, Fitness and Wellness, Morton Publishing Company, 1990. Elizabeth & Ken						
	rts fitness for women, B.T Batsford Ltd, London, 1986.						
Outcomes							
	erstand the concept of holistic health through fitness and wellness						
	ain the concept of physical fitness, health related and motor fitness						
	uate primary health status						
 Prep. 	are fitness schedules& evaluate fitness						

	Semester - III				
Course co	e: 811 305 Sports Engineering Credits:3 Hours:	3			
Objectives					
After stud	ing this paper the student teachers will be able:				
	• To know about the designing and sports related instrumentation and				
	measurements.				
	• To know about the concepts of internal force, axial force, shear force, bendi	ing			
	movement				
	 To understand the energy impulse and momentum To create the new sports Infrastructure 				
Unit –I	INTRODUCTION TO SPORTS ENGINEERING AND TECHNOLO	OGY:			
	Meaning of sports engineering, human motion detection and recording, human				
	performance, assessment, equipment and facility designing and sports re-	elated			
	instrumentation and measurement.				
Unit-II	MECHANICS OF ENGINEERING MATERIALS: Concepts of Internal	force,			
	axial force, shear force, bending movement, torsion, energy method to				
	displacement of structure, strain energy. Biomechanics of daily and common acti				
	- Gait, Body levers, posture, ergonomics, Mechanical principles in movements su	uch as			
	lifting, walking, running, throwing.				
Unit III	SPORTS DYNAMICS: Introduction to Dynamics, Kinematics to particles –				
	rectilinear and plane curvilinear motion coordinate system. Kinetics of particles –				
Unit IV	Newton's Law, work, energy impulse and momentum.	vilian			
Unitiv	BUILDING AND MAINTENANCE: Sports Infrastructure – Gymnasium, Pay Swimming Pool, Indoor Stadium, Out-door Stadium, Play Park, Academic H				
	Administrative Block, Research Block, Library, Sports Hostels, etc. Requirement				
	ventilation, Day light, Lighting arrangement, Galleries, Store rooms, Office,				
	Blocks (M/F), Drinking Water, Sewage and Waste Water disposal system, Cha				
	Rooms (M/F), sound system (exo-free), Internal arrangement according to nee				
	nature of activity to be performed, Corridors and Gates for free movement of pe				
	Emergency provisions of lighting, fire and exits, Eco-friendly outer surroun				
	Maintenance Building process: design phase (including brief documenta				
	construction phase functional (occupational) life, Re-evaluation, refurnish, dem	nolish.			
	Maintenance Policy, preventive maintenance, corrective maintenance, record and	d			
	register for maintenance.				
Unit V	FACILITY LIFE CYCLE COSTING: Basics of theoretical analysis of cost, to	otal			
	life cost concepts, maintenance costs, energy cost, capital cost and taxation.				
REFEREN	CE				
Franz 1	.F et. Al., Editor, Rout ledge Handbook of Sports technology and Engineering	(Rout			
ledge, 2					
	ke, Editor, The Engineering of Sport (CRC Press, 1996)				
	K.F., at al., Editor <i>The Impact of Technology on Sports</i> II (CRC Press, 2007)				
-	I., Sports Aerodynamics (Springer Science & Business Media, (2009) Youlin 1	Hong,			
Editor Rout ledge Handbook of Ergonomics in Sport and Exercise (Rout ledge, 2013)					
Jenkins M., Editor Materials in Sports Equipment, Volume (Elsevier, 2003) Colin White, Projectile Dynamics in Sport: Principles and Applications Eric C at al., Editor Sports Facility					
-	ons management (Rout ledge, 2010)	асшиу			
	nus management (Nout leage, 2010)				
Outcomes	an anomatica and testing of an ato continue of				
	gn, properties and testing of sports equipment;				
	ain the concepts of designing sports shoes, sports surfaces, racquets, bats and clubs lain the principles of equipment performance and matching;	,			
 Design sports equipment based on the rules of governing sporting bodies; Demonstrate the completity of designing protoctive equipment; 					

- Demonstrate the capability of designing protective equipment;
 Calculate mechanical properties of equipment;

		Semester - IV					
Course code	Course code: 811 401Information And CommunicationCredits:3Hours:Technology (Ict) In Physical Education.						
Objectives							
After studyi	ng this paper	the student teachers will be abl	le:				
*	To understand the concept of communication & classroom interaction.						
*		e fundamental of computers					
*		S-Office & E. Learning concep					
*		e nature and scope of educatio	nal technolog	У			
*		and the instructional design.					
Unit –I		CATION AND CLASSROOM					
		Types of Communication Barry					
		ve skills of English – Listening, ce of ICT Need of ICT in Edu					
		ication Evaluation, Research and					
	ICT in Physi		Administratio	n chancinges in	Integrating		
Unit-II		NTALS OF COMPUTERS: C	haracteristics	Types and An	plications of		
J 1117-11		lardware of Computer: Input, C					
		oncept and Types Computer Me					
		Concept, Types and Functions					
	0	Web browsers and Search Engine	-				
	& Ethical Iss		6, 7	ý U	, 0		
Unit III	MS OFFICE APPLICATIONS: Ms Word: Main Features and its Uses in Physical				in Physical		
	Education Ms Excel: Main Features and its Applications in Physical Education Ms						
	Access: Creating a Database, Creating a Table, Queries, Forms and Reports on Tables						
	and its Uses in Physical Education, Game Management Systems Power Point:						
		Preparation of Slides with Multimedia Effects Ms Publisher: News letter and Brochure					
Unit IV	ICT INTEGRATION IN TEACHING LEARNING PROCESS: Approaches to						
	Integrating ICT in Teaching Learning Process Project Based Learning (PBL) - Co-						
	operative Learning - Collaborative Learning - ICT and Constructivism: A Pedagogical						
T T 1 / T 7		agiarism Checking.		· • • • •			
Unit V		G & WEB BASED LEARNI					
		g – Need and Importance of 'e' Swayam - Selection of course –					
		reparation and publication. Med					
REFERENC		reparation and publication. Med	ia and sports		iig		
		estimat Datification C	- 1 , 1 -				
		national Publication, <i>Computer F</i>					
		t. India (p) Ltd Teach Yourself O Internet Book, Purduce Universit			001		
-		dition, Microsoft Office Word 20	• •	ette III 2003			
		Ltd. Introduction to information		Research and I	Development		
Wing- 20		Eld. Introduction to information	i Teennology,	Research and I	<i>veropment</i>		
-		i; Sinha, Foundations computing	BPB Publicat	tions – 2006			
		n Peachpit Press, Power point for					
Outcomes	0	· · · · ·	7				
✤ Corre		& Education Technology in Phy athlete specific situations	sical Educatio	n and Sports co	oncepts		
			ess and Teach	ing for learner			
 Integrate the knowledge about Communication Process and Teaching for learner. 							
🔅 Lieta	 List down the Information Technology utilized in the field of sports. Analyze the issues related to Internet, Networking, E-learning and Cyber Security 						
					7		

		Semester - IV					
Course code	e: 811 402	Sports Psychology	Credits:3	Hours: 3			
Objectives	Τ						
*	 To understand the psychology concepts To understand about motivation 						
 To understand about motivation To understand about goal setting 							
*		and about goal setting and about role of Mental imagery					
*		out the psychological factors affec		ances			
Unit –I		: Meaning, Definition, History,					
		Present Status of Sports Psycholo					
		ns in Motor Learning – Motor Perce	0.	0			
	Perceptual M	echanism. Personality: Meaning, De	efinition, Structure –	Measuring			
	Personality T	raits. Effects of Personality on Spor	ts Performance.				
Unit-II		Meaning and Definition, Types					
		Motivation: Meaning, Measuring					
		Definition, Nature, Causes, Metho					
		Sports Performance. Stress: Meaning					
	1	mance. Aggression: Meaning and					
	Aggression a Measurement	nd Sports Performance. Self-Concep	n: Meaning and Defir	nuon, method of			
Unit III		. Meaning and Definition, sports an	d socialization of ind	lividual sports as			
		tion. Current problems in sports					
		and definition, advantages and disad					
		neaning, definition, types. Leadershi					
Unit IV		l psychology: Sports sociology: Det					
	groups on con	mposition, group cohesion, group in	teraction, group dyna	mics, - women in			
		women in our society, participation					
		n sports, national integration through					
Unit V		ining for Performance Enhan					
		s for peak performance such as Ach					
		Self Confidence, Self efficacy a echniques in Sports • Goal setting					
		agery and Intervention strategies for					
	• •	g, Importance and Common Problem	-				
	Programme.		is of i sychological s	in Training			
REFERENC	-						
Authors	Guide (2013)	National Library of Educationa	l and Psychologica	l Test (NLEPT)			
		New Delhi: National Council of					
Publicati		·		0			
Jain. (200	02), Sports Soc	iology, Heal Sahety Kendre Publish	ers.				
		orts in Society – Issues and Controv	ersies in Internationa	l Education, Mc-			
Craw Sev							
		Psychology of Coaching. Ner Jersy:]					
	-). Essential Social Psychology. Sage		TheMeemillen			
Co.	Robert N. Singer (2001). <i>Motor Learning and Human Performance</i> . New York: TheMacmillan						
	Singer (1980)) The Psychology Domain Moveme	nt Behaviour Philade	lphia: Lea and			
Febiger.		, , systerogy Domain Hoveme		-r Lou and			
-	Horn. (2002). A	dvances in Sports Psychology. Hun	nan Kinetic.				
		Iendry L.B & Jones M.G. (1999) Pe		nance in Physical			
		London: Hendry Kimpton Publisher		-			
Outcomes							
	elate the psych	ological concepts with the sports ar	nd athlete specific situ	ations			
		edge about personality, motor learn					
0		~					

athletes

- Relate different theories of motor learning with its influence on motor perception and related cognitive abilities of athletes.
- ✤ List down the strategies for motivation utilized in the field of sports.
- Analyze the issues related to social behavior based on physiological structure and function

		Semester - IV					
Course code: 811 403Education Technology In Physical Education And SportsCredits:3Hou							
Objectives							
After studyin		the student teachers will be able:					
*		bout the concept of teaching technology					
*		oout system approach					
*		bout the concept of instructional design					
* *		and the media in physical education out the recent trends of research in educa	tional technol	ogv.			
Unit –I	NATURE A of educationa technology; 7 supplementar	ND SCOPE: Educational technology – con il technology teaching technology, instruct fransactional usage of educational technolo y standalone (independent); Historical deve e; media application stage and computer ap	cept, Nature an onal technolog gy; integrated, o lopment – prog	d Scope. Forms y, and behavior complementary,			
Unit-II							
Omt-11	SYSTEMS APPROACH TO PHYSICAL EDUCATION AND COMMUNICATION: Systems Approach to Education and its Components: Goal Setting, Task Analysis, Content Analysis, Context Analysis and Evaluation Strategies; Instructional Strategies and Media for Instruction. Effectiveness of Communication in instructional system; Communication Modes, barriers and Process of Communication.						
Unit III	INSTRUCT of Developm Instructional	INSTRUCTION DESIGN: Instructional Design: Concept, Views, Process and stages of Development of Instructional Design. Overview of Models of Instructional Design; Instructional Design for Competency Based Teaching: Models for Development of Self Learning Material.					
Unit IV	AUDIO VISUAL MEDIA IN PHYSICAL EDUCATION: Audio-visual media – meaning, importance and various forms Audio/Radio; Broadcast and audio recordings – strengths and Limitations, Criteria for selection of instructional units, script writing, pre-production, post – production process and practices, Audio Conferencing and Interactive Radio Conference. Video/Educational Television: Telecast and Video recordings Strengths and limitations, Use of Television and CCTV in instruction and Training, Video Conferencing, SITE experiment, countrywide classroom project and Satellite bead instructions. Use of animation films for the development of children's						
Unit V	imagination. NEW HORIZONS OF EDUCATIONAL TECHNOLOGY: Recent innovations in the aria of ET interactive video – Hypertext, video – texts, optical fiber technology – laser disk, computer conferencing etc. Procedure and organization of Teleconferencing/Interactive video-experiences of institutions, schools and universities. Recent experiments in the third world countries and pointers for, India with reference to Physical education. Recent trends of Research in Educational Technology and its future with reference to education.						
REFERE	ENCE:						
Amita Bhardwaj, <i>New Media of Educational Planning</i> ." Sarup of Sons, New Delhi 2003 Bhatia and Bhatia. <i>The Principles and Methods of Teaching</i> (New Delhi Doabal House) 1959. <i>Communication and Education</i> , D.N. Dasgupta, Pointer Publishers <i>Education and Communication for development</i> , O.P Dahama, O.P Bhatnagar Oxfordb & Page 68 of 711BH Publishing company, New Delhi							
Outcomes	*	Students known to utilise audio visual aid	s in teaching search in Educa				

		Semester - IV				
Course	e code: 811 404	Dissertation (Project Work)	Credits:6	Hours: 6		
Objecti	ives					
*	A candidate shall have dissertation for M.P.Ed – IV Semester and must submit his/her					
	Synopsis and get it approved by the Principal of College on the recommendation o					
		esearch Committee).				
*		ing dissertation must submit his/her di		than one		
		eginning of the IVth Semester Examina				
*		s to face the Viva-voca conducted by Co	ollege Research Co	mmittee and		
	External Examine	er.				
Outcon						
		ecting the problem. Defining the problem				
*	Making Specific an related to the study	d related Literature survey. (Collection o	f 20-30 abstracts in t	he area		
*	•	dure and developing a methodology of/ fo	or the study on hand.			
*	Designing the study	y and preparation of a proposal to be justi	fied in the colloquiu	m.		
*	Formulation of Hyp	pothesis.				
*	Collection of Data, of results.	Analysis of data, Analysis of results, Disc	cussion of results, In	terpretation		
*	Drawing conclusion	n and making recommendations.				
**						

Course co	de: 811 405	Theories Of Track And Field	Credits:2	Hours: 4			
Objectives	Objectives						
* То	★ To know the planning, construction marking of 200 & 400m.						
* To	To know the duties of various officials						
		and interpretations of track events					
		and interpretations of throwing and com	bined events				
		and interpretations of jumping event					
Unit –I		uction and Marking Of Standard and Non-S					
		ble Arc Start- Computation Of RDR and CD					
		- Marking Of Relays (4x100m, 4x400m) -	- Starting For Al	l Track			
	Events.						
Unit-II		gement Officials – Duties Of Competition					
T T 0 / T T		Their Duties For Track Events – Field Even					
Unit III		Interpretations Of Track Events – Sprint, M					
		00m, 400, 110m Hurdles, 100m Hurdles, Re	lays, 800m, 1500	Jm, 3000m,			
Unit IV	5000m, 10000m and Marathon Race).						
Unit IV	Marking – Rules And Their Interpretations For Throwing and Combined Events – Shot						
T T 1 / T T	Put – Discus, Javelin and Hammer Throw – Heptathlon and Decathlon.						
Unit V		s and Their Interpretations for Jumping Eve					
REFEREN	1 1	d Pole Vault – Records Of all Events In Na	lional And Inter	lational Level.			
		<i>Id Manual</i> Patiala Nis Publication					
		on Program. (2008) Coaching Youth Track		n Kinetics.			
Edmondson and Burn Up. (1979). <i>Basic Athletics</i> . London; Bell and Hyman. Ekta Gothi.(2000) <i>Manual Of Track And Field</i> . Delhi: Sports Publication							
		of Games And Sports Madras: Y.M.C.A I					
		ck Crump. (1958). Athletics Kings Wood Su		ott Dross			
	Thani .V. (2003) <i>Encyclopedia of Track And Field</i> . New Delhi; Khel Shhityakendre. Vivek Thani. (1996) <i>New Encyclopedia of Track and Field</i> Delhi Khel Sahitya Kandra.						
Outcomes							
 Interpret the concept of therapeutic aspects of exercise. Demonstrate and take care of the preventive and curative aspect of sports injuries. 							
		f rehabilitation of sports injuries	or sports injurie	5.			
		toward positive lifestyle.					
·•· 1110	apret the concept	toward positive inestyle.					

Semester - IV				
Course code: 8	311406	Theories Of Specialization Games	Credits:2	Hours: 4
Objectives				
		n and development of the game.		
To know the fundamental skills and drills.				
✤ To understand the tactics and strategies.				
		ules and regulations.		
		ing and skill evaluation methods.		a
S	History: Origin– Development of The Specialization Games - Level of Competition – Sports Development - Educational Institution- Society - Federation – Association – corporate sector - Affiliated Units.			
А	Fundamental Skills: Coaching – Teaching –Methods of Training – New Technology Adaptation – Play Area – Objective Utilized – Advance Coaching and Teaching Methods.			
Sj	Tactics and Strategies: Defensive and Offensive Technique and Tactics for Specialization Games – Individual and Group Strategies In Specialization Sports – Offensive Play System – Defensive Play System.			
S	Rules and Regulation: Law of the Games, Interpretation of Rules – Officials – Signals – System of Officiating Layout and Maintenance of Play Field – Cares and Maintains of sports Equipment.			
F	Teaching And Skill Evaluation: Training Methods – Training Schedule – Training Plan For Various Level – Talent Identification – Player Selection Procedure - Awards And Rewards – Top Sports Achievers.			
REFERENCES				
Clair Bee A	nd Ken Nor	ton.(1959) Basketball Fundamentals and Tech	hniques New Y	ork The
Renald Pres				
Mukesh Kumar. (2008) Rules and Measurements in Sports. New Delhi Sports Publication				
		ton Coaching Manual. Delhi Sports Publication		
		stuk Davudm C (1994) Physiology of Sport an		e Human
Kinetics Put	<i>blishers</i> Inc			
	on.(1958).	Master of Cricket, Ist Published By William H	einemann Leo	l Cape town
Auckland.				
		ow to Use It By An Old Cricketer. (2011). Gen		
Alex Welsh. (1989) the Soccer Goal Kepping Hand Book. Uk and C Black Publication.				
Outcomes	✤ S ¹	lore knowledge in officiating and coaching in sudents know about the history of sports and p sudents know about the Rules and Regulation	hysical educa	tion

Non Major Elective

in the co To help remedial To creat and injun To acqua Unit -I D p la Unit-II P	FITNESS AND SPORTS TRAINING children know and accept individual and collective responsibility for ommunity. children know their health status, identify health problems and bel measures. e awareness among children about rules of safety in appropriate haza ries. aint them with first-aid measures about common sickness and injuries NTRODUCTION Definition and meaning of Sports Training Aims and objectives of S rinciples of Sports training Training load, concept of training load bading principles trinciples of training methods Strength training methods for developing ndurance Training methods for Endurance development Training	e informed for t rdous situations s. Sports training C and adaptation	taking appropriate to avoid accidents Characteristics and Types of load and	
 ★ To help in the co To help remedial ★ To creat and injuit ★ To acquit Unit -I II D P International 	ommunity. children know their health status, identify health problems and be l measures. e awareness among children about rules of safety in appropriate haza ries. aint them with first-aid measures about common sickness and injuries NTRODUCTION Definition and meaning of Sports Training Aims and objectives of S rinciples of Sports training Training load, concept of training load bading principles rinciples of training methods Strength training methods for developing	e informed for t rdous situations s. Sports training C and adaptation	taking appropriate to avoid accidents Characteristics and Types of load and	
in the co To help remedial To creat and injun To acqua Unit -I I Unit -I P	ommunity. children know their health status, identify health problems and be l measures. e awareness among children about rules of safety in appropriate haza ries. aint them with first-aid measures about common sickness and injuries NTRODUCTION Definition and meaning of Sports Training Aims and objectives of S rinciples of Sports training Training load, concept of training load bading principles rinciples of training methods Strength training methods for developing	e informed for t rdous situations s. Sports training C and adaptation	taking appropriate to avoid accidents Characteristics and Types of load and	
	children know their health status, identify health problems and be l measures. e awareness among children about rules of safety in appropriate haza ries. aint them with first-aid measures about common sickness and injuries NTRODUCTION Definition and meaning of Sports Training Aims and objectives of S rinciples of Sports training Training load, concept of training load oading principles rinciples of training methods Strength training methods for developing	rdous situations 3. Sports training C and adaptation 7	to avoid accidents Characteristics and Types of load and	
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		ig maximal, expl		
Δ1	ndurance Iraining methods for Endurance development Iraining	1 1 0 0		
	raining methods for Flexibility development.		1	
	lanning of training programme - meaning and its importance Training			
	eriodization- types of periodisation- short term and long term			
	reparatory, competition and transition Structure and function of sin mportance.	ngle, double per	nodisation and its	
	fundamentals of Physical Education and Sports Coaching <i>Fundament</i>	als of Training	Principles in Sport	
	itness Training and Test - Means and methods of Free hand training			
	nterval training Fitness Assessment Tests Physical Fitness Tests.		g, Circuit training,	
	Invertigent Analysis - administration, scoring and interpretation	Motor Fitn	ess Tests- types,	
	dministration, scoring and interpretation Cardio-vascular Fitness Te			
	nd interpretation.	sto types, dem	institution, seoring	
REFERENCES ·				
	ardayal (1991). Science of Sport Training. Delhi: D.V.S Publication.			
	s, J. (1977) II Athletic Training and Physical fitness. Allyn and Bacor	n Inc.,		
	, (1984). Science of sports Training.	,		
Mateweyew L.P. Fundamental Sports Training.				
Outcomes				
 Talent 	t Scouting at micro level & Nurturing talent towards excellence			
 Traini 	ng & International Exposure			
	ort Training with Scientific & Sports Equipment and scientific person	nel		
	or and enhance Performance with a scientific evaluation system			
	ng and preparation of National teams			
₩ Iraini	ng and preparation of mational leafils			

	Semester - III					
Course code:	Health and Physical Education	Credits:3	Hours: 3			
Objectives						
	ow and accept individual and collective responsibility f	for healthy living a	t home, school and			
in the community.						
-	now their health status, identify health problems and	be informed for	taking appropriate			
remedial measures.						
	among children about rules of safety in appropriate ha	azardous situations	to avoid accidents			
and injuries.						
	ith first-aid measures about common sickness and injur	ies.				
Unit -I INTRODUCTION Concert of Hackby Education Maning Definition Aims Objectives and Importance of Hackby						
Concept of Health Education Meaning, Definition, Aims, Objectives and Importance of Health Education - Nutrition - Malnutrition - Personal Hygiene - Physical Education Meaning, Definition,						
Aims, Objectives, Scope and Importance of Physical Education -						
	ess- Meaning, Definition, Components and Benefits -	Origin and Devel	onment of Ancient			
2	Olympics - Recreational activities -Health Education in					
Services, Safety Education: Importance with reference to Schools, Play fields, Road, School and Home.						
	Prevention of Diseases Life style disorders: Intentiona					
and Obesity - Back Pain: Causes, Symptoms and Prevention - Communicable diseases Symptoms ar						
Prevention.						
	nciples and Uses Principles of first aid, First aid	equipments, Frac	ture - causes and			
	d the first aid related to them, Muscular sprain causes					
of unconscio	usness, Treatment of heat stroke.	•				
	trition Meaning of Food, Classification, Constituents					
	eaning of Nutrition, Malnutrition - Causes - Balanced	Diet and Diet for	Obesity and Under			
Weight.						
REFERENCES ·						
	als of physical education. New Delhi: Kalyani Publishe					
	D. (1993). Prevention and treatment and running injur	ies. New Jersey				
	<i>aintain good health</i> . New Delhi: UBPSD Publishers.	tin Indhiana Va	lana a Dahlishaas			
	; C. P. (1996). Text book on health and physical educa alth and physical education. Ludhiana: Tandon Publica		ilyana Publishers.			
	<i>and physical education</i> . Euclimana: Tandon Publica <i>and physical education</i> . Hydereabad: Nilkamal Publica					
	<i>al fitness.</i> New Delhi: Khel Sahitya Sports Publication					
	2005). Health education and physical education. Delhi		ons .			
Outcomes	2005). Health calculon and physical calculon. Dem	. Surjeet i ubileatio	5115.			
	rn correct postural habits in standing walking runnin	g sitting and othe	r basic movements			
	To help children learn correct postural habits in standing, walking, running, sitting and other basic movements so as to avoid postural defects and physical deformities.					
	nprove their neuromuscular coordination through pa	articipation in a v	variety of physical			
	physical fitness. 6. To help children strive for excellen					
	dealing with psycho-social issues in the school, home					
	and skills in children in order to promote self-control		eace and relaxation			
to avoid the ill effect	ts of stress, strain and fatigue of routine everyday life.	•				

CURRICULUM FRAME WORK FOR

MPED PROGRAMME

CHOICE BASED CREDIT SYSTEM]

THE BOARD OF STUDIES FOR ALAGAPPA UNIVERSITY COLLEGE OF PHYSICAL EDUCATION

ON 24.06.2019 AT 10.00 AM IN OUR COLLEGE CAMPUS

THE FOREIGN COUNTRY EXPERTS, INDIAN EXPERTS AND THE BOARD OF STUDIES COMMITTEE MEMBERS CURRICULUM VITAE AS FOLLOWS

Name Designation Address Phone Email Dr. Victor Selvarajah a/l Selvanayagam Senior Lecturer University of Malaya +6012-5123301 victors@um.edu.my



Educational qualification:

:

:

:

:

:

Ph.D

Professional experience:

Senior Lecturer 2012 – at present

Honours and Awards:

- 2018 University of Malaya Work Excellence Certificate
- 2017 University of Malaya Work Excellence Award
- 2016 University of Malaya Work Excellence Certificate

Recent publications:

- Hackett DA, Selvanayagam VS, Halaki M, Cobley SP (2019). Associations between Perceptual Fatigue and Accuracy of Estimated Repetitions to Failure during Resistance Exercises. Journal of Functional Morphology and Kinesiology 4 (3): 56
- Khong TK, Selvanayagam VS, Hamzah, SH, Yusof A. (2018). The Effect of Quantity and Quality of Pre-Exercise Carbohydrate Meals on Central Fatique. J Appl Physiol 125 (4): 121-129.
- Khong TK, Selvanayagam VS, Sidhu SK, Yusof A. (2017). Role of carbohydrate in central fatigue: a systematic review. Scandinavian Journal of Medicine & Science in Sports, 27(4), 376-384.
- Selvanayagam VS, Riek S, de Rugy A, Carroll TJ (2016) Strength training biases goaldirected aiming. Medicine and Science in Sports and Exercise 48 (9), 1835-1846.
- Selvanayagam VS, Riek S, Carroll TJ (2012) A systematic method to quantify the presence of cross-talk in stimulus-evoked EMG responses: Implications for TMS studies. J Appl Physiol 112: 259-265.
- Selvanayagam VS, Riek S, Carroll TJ (2011) Early neural responses to strength training. J Appl Physiol 111:367-375.

Dr. Rajesh Kumar Professor at Osmania University, Hyderabad Hyderabad, Telangana, India 09885911520,09246529013,

rajesh2sports@yahoo.co.in



Educational qualification: B Com, M.P.Ed., Diploma in Coaching,NIS(Athletics), J.R.F and N.E.T(UGC), Ph.D Professional experience: professor Sep 1997 – Present22 years 2 months

Research Publications in the Journals.

1. A Study on the effect of Plyometric Exercises for development of Speed among Foot Ball Players of Osmania University. Asian Journal of Physical Education and Computer Science in Sports ISSN 0975-7732 Journal Impact Factor 0.5190 Volume 7, No.1, Dec.2012 pg.50-52

2. A Comparative Study on the differences in Crouch Start and Standing Start in 100 M Run in Athletics. International Journal of Health, Physical Education and Computer Science in Sports ISSN 2231-3265 Volume No.2. No.1. June 2011 Pages:121-124

3.A Comparative Study on speed among Long Jumpers and Triple Jumpers of Osmania University. International Scientific Journal of Sports Sciences. ISSN 2277-2804 Vol.1, No.1, April 2012 pages 55-58

4.Effect of Plyometric training and SAQ Training followed by detraining on selected bio motor abilities of Osmania University soccer Players. Osmania Journal of Physical Educaton ISSN 0974-7109 Vol.6 July 2012 pages 15-21

5.A Study on the An Aerobic Power and Body composition of Athletic Trained Vegeterian and Non Vegetarians. Golden Research Thoughts ISSN 2231-5063 Vol.1, No.5, November 2011 pages 3-6

6. A Comparative Study of self concept and anxiety among sprinters and jumpers of Osmania University. Academic Sports Scholar ISSN 2277-3665 December 2012

7. A Comparative Study of Aerobic Endurance among Foot Ball and Hockey Players in Hyderabad. Variorum Multi-disciplinary e research journal ISSN 0976-9714 Vol.2, Issue-1, August 2011

8. Effect of Weight Training on Power Performance. Journal of Physical Education and Sport ISSN 2066-2483, June 2011.

Study on the effect of Interval Training for development of endurance among Osmania University Athletes in India. NAPESS Journal of Physical Education and Sports ISSN 2229-7049 pages 27 and 28

Dr.M.Sundar

Principal Alagappa University College of physical education Alagappa University Karaikudi – 630 003 Tamil Nadu, INDIA Employee Number : 41402 Date of Birth : 08-11-1965 Contact Phone (Office) : +91 4565- 225212 Contact Phone (Mobile) : +91 9486959185 Contact e-mail(s) : drmsundarcm@gmail.com



Academic Qualifications: B.P.E., M.P.E., Ph.D., NSNIS (ATHLETICS)

	Name of the	Year of	Percentage	Division/	
Examinations	Board/University	Passing	of marks	Class/Grade	Subject
			obtained		
Ph.D	AlagappaUniversity	2007			Physical Education
NSNIS	NSNIS,kolkatta	1994	70%	Ι	Diploma in Athletics
M.P.E	Jiwaji University	1993	58.24%	II	Physical Education
B.P.E	Jiwaji University	1989	58.27%	II	Physical Education
Higher secondary	Board of HSC	1986	55.58%	II	Math's & science
High School/ Matric	Board ofSecondary	1983	58%	II	Math's, science &
_	Education				social
Name of the eligibility	Subject	;		Month & Yea	ar of Passing
Test					
UGC (NET & JRF)	ET & JRF) Phy		ucation	January 1991	
UGC (NET & JRF)	JRF) Physical E		ucation	June 1994	
UGC (NET)	UGC (NET)Physical EducationDecember 19		December 1999		

Teaching Experience: 22 Years

University/College/ Institute	Designation held	Date of Joining	Date of Leaving
Sanjai Gandhi college	Physical director	1994	1995
	Lecturer	10.07.1995	09.07.2006
Alagappa University	Reader	10.07.2006	09.07.2009
College of Physical	Course coordinator	01.06.2009	1.11.2010
Education	Associate professor	10.07.2009	Till date
	Principal (i/c)	02.11.2010	January 2013
	Principal	January 2013	Till date

Research Experience:

20 Years

Dr.K.Murali Rajan Professor

Alagappa Institute of Educational Sciences

Alagappa University Karaikudi – 630 003 Tamil Nadu, INDIA

Employee Number	: 414003			
Date of Birth	: 31.12.1967			
Contact Phone (Office)	: +91 4565 224164			
Contact Phone (Mobile)	: +91 9442276164			
Contact e-mail(s): muralikuppusamy5@gmail.com				



Academic Qualification	s: M.A./M.Sc./M	I.Phil./Ph.D.				
BPE	JIWAJI	PHY. EDUCATION	1991	II		
MPE	JIWAJI	PHY EDUCATION	1993	II		
NET	UGC	PHY EDUCATION	1993	-		
NSNIS CERTIFICATE	PATIALA	HOCKEY	1996	'A'		
PhD	ALAGAPPA	PHYS ICAL	2009			
		EDUCATION				
P.G.Dip. Yoga	TPSU	Yoga	2009	II		
Teaching Experience: 17 Years						
Post	School / Col	llege	From- To	Year		
Physical Director	K.B.J.G., Gu	urrukulam	Oct 1993 – Aug 1995	1 Year 8 Month		
Physical Education Teacher	K.V.H.V.F A	Avadi	Aug 1995 – Aug 1999	4 Year		
Lecturer	Alagappa un Physical edu	iversity College of acation	Aug 1999 – Aug 2003	5 Years		
Assistant Professor			5 Years			
Associate Professor	ociate ProfessorAlagappa university College of Physical educationAug - 2013 24.8.16		4 Years			
	Physical edu	cation	24.8.16			

Dr. S. Nagarajan Professor Alagappa Institute of Educational Sciences

Alagappa University Karaikudi – 630 003 Tamil Nadu, INDIA

Employee Number Date of Birth Contact Phone (Office) Contact Phone (Mobile) Contact e-mail(s) 41404 : 27-05-1972 : +91 4565225212 : +91 9442127618 : naga.raksan@gmail.com



Academic Qualifications: M.COM., M.Sc., YOGA., M.P.ED., Ph.D.

Teaching Experience: 18 Years

Research Experience: 16 Years

Additional Responsibilities

- 1. Coordinator Remedial coaching for SC/ST/OBC (Non Creamy layer) and minorities-
- 2. Selection Committee member Alagappa university Football team 2010-2016.
- 3. Selection committee member Alagappa university volleyball team 2012-2014.
- 4. University Representative for DD exam every year.
- 5. Flying squad of afflicted colleges.
- 6. Aucpe Extramural in charge of games 2009-2014.
- 7. Organizing secretary for state level inter collegiate football tournament every year.
- 8. Coordinator for college cultural club

Dr. D. Rajalakshmi Asso Professor Alagappa Institute of Educational Sciences

Alagappa University Karaikudi – 630 003 Tamil Nadu, INDIA Employee Number : 41409 Date of Birth : 10-11-1973 Contact Phone (Office) : +91 4565 224164



Contact e-mail(s): kumaravelraji@rediffmail.com

:

Academic Qualifications: B.Sc., BMS., MPEd., MS., FSS., Mphil., PhD., P DHE. PGDDE., PGDSM., PGDSO., PGDY., PGDND., CYED.

Research Experience: 20Years

Contact Phone (Mobile)

Additional Responsibilities

- 1. Head of the Dept Bped Course
- 2. Director Extramural And Intramural Sports And Games

+91 9442679541

3. Warden

Areas of Research

Exercise Physiology, Sports Medicine and Adapted Physical Education

Dr. P. Kaleeswaran Asso Professor

Alagappa Institute of Educational SciencesAlagappa University Karaikudi – 630 003 Tamil Nadu, INDIAEmployee Number41407Date of Birth: 20-04-1969Contact Phone office): +91 4565 225212Contact Phone (Mobile): +91 94422 30496Contact e-mail(s): dr.kaleesaucpe@gmail.com



Academic Qualifications: B.Sc., Msc., (Yoga) M.P.Ed., M.Phil., SLET., D.S.Y.M., P.G.D.Y., Certi.NIS., Ph.D.,

Teaching Experience: 24 Years

Research Experience: 24 Years

Areas of Research : Exercise Physiology, Sports Training & Kinesiology

Dr.S.Saroja, Assistant Professor Alagappa University College of Physical Education Alagappa University Karaikudi – 630 003 Tamil Nadu, INDIA Employee Number: 41412 Date of Birth: 05.06.1968 Contact Phone (Office): +91 4565 225212 Contact Phone (Mobile): +91 9994677108 Contact e-mail(s): Dr.S.Saroja@gmail.com



Academic Qualifications: M.A., M.Sc(Phy Edu)., M.Phil., Ph.D.

- 1. Doctor of Philosophy Physical Education, Alagappa University, Karaikudi July 2000
- 2. Master of Philosophy Physical Education, Alagappa University, Karaikudi, June 1992
- 3. Master of Physical Education: Alagappa University, Karaikudi, July 1991
- 4. M.Sc Yoga TN P.E. & S University, Chennai Sep 2010
- 5. P G Diploma in Sports Management, Alagappa University, Karaikudi, Oct 1994
- 6. Diploma in Scientific Yoga & Meditation, M.K University, Madurai, May 1992
- 7. Diploma in Yoga & Massage Science, Alternative Medicine, Calcutta. April 1993
- 8. Certificate in Yoga, Alagappa University, Karaikudi, July 1994.

Teaching Experience: 22 Years

Research Experience: 11 Years

Areas of Research

- 1. Yoga
- 2. Sports Physiology
- 3. Sports Physiotherapy
- 4. Sports Training

Dr.S. Dhanaraj., Assistant Professor Alagappa University College of Physical Education Alagappa University Karaikudi – 630 003 Tamil Nadu, INDIA Employee Number 41413 Date of Birth : 10-06-1978 Contact Phone (Office) : +91 4565 225212 Contact Phone (Mobile) : +91 8903453517 Contact e-mail(s) :drdhanaraj@gmail.com



Academic Qualifications: B.Sc., M.P.Ed., M.Phil., PGDYEd., Ph.D

Degree	Subject	Institution/ University	Year of completion	Class	%
BSc	Zoology	Adithanar College, Trichendur	1999	Second	57.83
MPEd	Physical Education	Dr.Sivanthi Adithanar College of Physical Education, Trichendur	2001	First	66.52
MPhil	Physical Education	Alagappa University, Karaikudi	2002	First	62.56
Doctor of Philosophy	Physical Education	Alagappa University Karaikudi	2013	-	-
PGDYEd	Physical Education	Alagappa University, Karaikudi	2005	Second	58.66

Teaching Experience: 14 Years

Research Experience: 08 Years

Areas of Research

Sports training and sports psychology

Dr. Aanandhi , Assistant professor Alagappa University college of physical education Alagappa University Karaikudi – 630 003 Tamil Nadu, INDIA Employee Number 41415 Date of Birth : 20.03.1987 Contact Phone (Office) : +91 4565 223295 Contact Phone (Mobile) : +91 9629650542 Contact e-mail(s) : anandhi2087@gmail.com



Academic Qualifications: M.B.B.S

Degree	Subject	Institution/ University	Year of completion	Class	%
M.B.,B.S	Bachleor of Medicine& Surgery	Mahatma Gandhi Medical College & Research Institute	NOV 2008	FIRST	67%

Teaching Experience: 04YEARS 9MONTHS

Additional Responsibilities

1. Member In Swacch Bharat Committee

- 2. Member (Clinician) In Reconstituted Ethics Committee Of Alagappa University
- 3. Member In Multi Model Material Production For Differentially Abled Centre, Alagappa University

Dr.K.Divya Assistant professor

Alagappa University College of physical educationAlagappa University Karaikudi – 630 003 Tamil Nadu, INDIAEmployee Number: 41416Date of Birth: 30.05.1983Contact Phone (Office): +91 4565 xxxxxContact Phone (Mobile): +91 8220436393Contact e-mail(s): dhivya_phy_edu@yahoo.co.in



Academic Qualifications: BA., M.Sc., B.P.Ed., M.P.Ed., M.Phil., Ph.D., PGDSM., PGDY., cert. NSNIS (Kho-Kho), cert.NSNIS (Fencing)., TTCY., ISAK (I&II)., NET Dec.2012 (UGC Ref No: 30891)

			Year of		
Degree	Subject	Institution/ University	completion	Class	%
		O.C.P.M.Hr.Sec.School,			
Х	State Board	Madurai	1998-1999	Ι	65
XII	State Board	O.C.P.M.Hr.Sec.School, Madurai	2000-01	Ι	73.24
B.A.,	Economics	Holy Corss College, Trichy	2001-04	II	59.58
B.P.Ed	Physical education	Sri Saradha College of Physical education salem	2004-05	Ι	68
M.P.Ed	Physical education	Alagappa University, Karaikudi	2005-07	I	77
M.Phil	Physical education	Alagappa University, Karaikudi	2007-08	I	76
Ph.D	Physical education	Alagappa University, Karaikudi	2009-2011	Awarded	·
NET	Physical education	National Eligibility Test, Bureau,	Dec.2012	(UGC Ref No:	30891)
M.Sc	Yoga	Koviloor TNPE&SU, Chennai	May-2011	Ι	74.75

Teachin	Teaching Experience: 7 Years						
S. No	Name of the Institution	Designation	Date of From to	Scale of Pay			
1	Koviloor Andavar College Physical Education, Koviloor, karaikudi	Assistant Professor	July 1st 2011 to 2nd March 2013	Rs.8,000			
2	Alagappa university college of physical education	Assistant Professor	04.03.2013 onwards	UGC Norms			

Research Experience: 7 Years

Dr.P. Yoga., Assistant professor

Alagappa University College of Physical Education Alagappa University, Karaikudi – 630 003 Tamil Nadu, INDIA Employee Number : 41418 Date of Birth : 04-03-1982 Contact Phone (Office) : +91 4565 225212 Contact Phone (Mobile) : +91 7373632007 Contact e-mail(s) : yoga7373632007@gmail.com



Academic Qualifications: B.Sc., B.P.Ed., M.A (English)., M.Sc (Yoga Therapy)., M.Sc (Yoga)., M.P.Ed., M.Phil (Yoga)., M.Phil(Phy.Edu), M.Phil(English)., PGDY., PGDYT., Certi. Course in Physical Fitness., Ph.D.,

			Veen of		
D	C1 4		Year of	Class	0/
Degree	Subject	Institution/ University	completion	Class	%
B.Sc	Physical Education	Ayya Nadar Janaki Ammal	2003	First Class	64%
		College, Sivakasi-TN			
	Physical Education	Sri Ramakrishna Mission,			
B.P.Ed		Maruthi College of Physical	2004	First Class	66%
		education			
		Tamil Nadu Physical			
		Education & Sports			
M.Sc	Yoga	University, Chennai-TN	2015	First Class	80%
		Tamil Nadu Physical			
		Education & Sports			
M.Sc	YogaTherapy	University, Chennai-TN	2012	First Class	77%
M.P.Ed	Physical Education	Pondicherry University	2006	First Class	72%
	-	Pondicherry			
M.Phil.,	Physical Education	Alagappa University	2007	First Class	72%
	-	Karaikudi-TN			
		Tamil Nadu Physical		First Class	
M.Phil.	Yoga	Education & Sports	2017	Distinction	79%
	0	University, Chennai-TN			
M.Phil.,	English	Alagappa University	2019	First Class	70%
	-	Karaikudi-TN			
		Tamil Nadu Physical			•
	Physical	Education & Sports			
Ph.D	Education	University, Chennai-TN	2012		

Teaching Experience: 07 Years

S. No	Name of the Institution	Designation	Date From - To	Years of Experience
1	Alagappa university college of physical education	Aast professor	28th June 2013 - Till	07

Research Experience: <u>12</u> Years

Dr. C.Vairavasundaram,. Assistant professor

Alagappa University College of Physical Education				
Alagappa University, Karaikudi – 630 003 Tamil Nadu, INDIA				
41420				
: 27-05-1984				
: + (+91)04565224212				
: +91 9843470754				
: dr.c.vairavan09@gmail.com				



Academic Qualifications:

BP.Ed., PGDip(Fitness)., PGDip(Phy Edu)., M.Phil., Ph.D. UGC (NET) December 2013

Experience: Four (4) Years

Sl.No	Positions held	Name of the institutions	Duration	Years of experience
1		Bharathiar University	August 2010-13	
	Guest Lecturer	Coimbatore		3 years
2	Assistant professor		January 2016	
			Onwards	4 years

Research Experience: 04 Years

Additional Responsibilities

- 1. University Representative in DDE Exams
- 2.In-charge of Handball (W)
- 3.Intercollegiate selection committee member in Handball (W)

Areas of Research

- 1. Exercise physiology
- 2.Sports training

Dr.K.SundarAssistant ProfessorAlagappa Institute of Educational SciencesAlagappa University Karaikudi – 630 003 Tamil Nadu, INDIAEmployee Number: 41422Date of Birth: 11-05-1975Contact Phone (Office): +91 4565- 225212Contact Phone (Mobile): +91 9994348109,Contact e-mail(s): sundarajankce@gmail.com



Academic Qualifications: B.A., M.A., MPES., MPhil., PhD., NSNIS & CYED

Teaching Experience: 15Years			
University/College/ Institute	Designation held	Date of Joining	Date of Leaving
AUCPE	Asst professor	1 st FEB 2016	Onwards
Anna university CE CBE	Physical Director	6 th NOV 2013	31 st Jan 2016
Karpagam CE, CBE	Director of Physical Education	2 nd April 2008	4 th Nov 2013
Indra Group of Inst. Thiruvellur	Director of Physical Education	3 rd Feb 2005	28 th Mar 2008
Amrita Inst. Of Medical Science and Research Centre Kochin	Director of Physical Education	30 th April 2002	1 st Feb 2005

Research Experience: 4 Years

Additional Responsibilities

- 1. NSS Programme officer
- 2. Distance Education Examinations, May 2016. at Tirupathi, Andrapredsh
- 3. Distance Education Examinations, Dec 2016. at Pollachi, Tamil Nadu
- 4. Team coach in SDAT CM Trophy Boxing Championship at AUCPE Karaikudi Nov2016 Team won over all championship
- 5. Boxing in charge in AUCPE
- 6. Kabaddi Men team in charge in AUCPE

Areas of Research

- ✤ Training Methods in Physical Education
- ✤ Sports psychology

K.M.M.Jaskar Assistant Professor Alagappa University College of physical education Alagappa University Karaikudi – 630 003 Tamil Nadu, INDIA Employee Number : 41421 Date of Birth : 01-06-1974 Contact Phone (Office) : +91 4565- 225212 Contact Phone (Mobile) : +91 9445120751, Contact e-mail(s) : jas.nce1975@gmail.com

:



On Wards

31.01.2016

Academic Qualifications: BPE., MPES., MPhil., PhD							
SLNo	DEGREE	UNIVERSITY		% OF MARK		R OF SING	
1	BPE	LNIPE GWLIOR		53	1996		
2	MPES	ANNAMALAI		69.7	1998		
3	MPhil	ANNAMALI		65.8	1999		
4.	Ph.D	MONOMANIAM SUNDARANAR		-	2015		
Teaching Experience: 15Years							
Name of the University/College/ Institute			Designation held	Date	e of Joining	Date of Leav	ving

1st FEB 2016

30.10.2000

National College of Engg	Physical Director

Additional Responsibilities

AUCPE

- 1. SWACHH BHARAT SWAATH BHARAT COORDINATORAUCPE
- 2. Distance Education Examinations, May 2016. at New Delhi
- 3. Distance Education Examinations, Dec 2016. at Ambasamudram, Tamil Nadu

Asst professor

- 4. Distance Education Examinations, may 2017. at karim nagar, thelugana,
- 5. Act as a selection committee member Alagappa University inter zone cross country (M/W)
- 6. Act as team manager and coach in Alagappa University and participated All India interuniversity Athletics (M/W) champion ship -2016 at alwas Mangalore
- 7. Act as team coach in Alagappa University and participated All India interuniversity Athletics (M/W) champion ship -2016 Anna University at Coimbatore
- 8. Act as team manager and coach in Alagappa University and participated All India interuniversity cross country race (M/W) champion ship -2017 at belagavi karnataga
- 9. Athletic in charge(M/W) in AUCPE

Areas of Research

Training Methods in Physical Education

Dr.T.P.Yokesh ., Assistant Professor

Alagappa University College of physical education Alagappa University Karaikudi – 630 003 Tamil Nadu, INDIA Employee Number 41423 Date of Birth : 14-06-1984 Contact Phone (Office) : +91 4565 225212 Contact Phone (Mobile) : +91 99654 01718 Contact e-mail(s) : yoki4u@gmail.com



Academic Qualifications: BA., B.P.Ed., M.P.Ed., M.Phil., DIP. Yoga., PGDFM., Certi Course in Sports Coaching (Cricket)., Ph.d.,

Teaching Experience: 04 Year

Research Experience: 03 Years

Additional Responsibilities

S.No	Name of the Programme	Place were organized	Date
	University Volleyball 1.Women team Selection Committee Member	Dr. Zakir Husain College, Ilayangudi	12th to 13thDecember 2016
	University Table Tennis Men & Women team 2.Selection	Thassim Beevi Abdul Kadar College for Women	17th December 2016

Areas of Research

Yoga and Sports Training