

UNIVERSITY OF CALICUT

<u>Abstract</u>

General and Academic IV- Faculty of Education- Scheme and Syllabus of General Foundation Courses in Physical Education in accordance with the CUFYUGP Regulations 2024- Implemented with effect from 2024 Admission - Subject to ratification by the Academic Council - Orders Issued.

G & A - IV - K Section

U.O.No. 9590/2024/Admn

Dated, Calicut University.P.O, 19.06.2024

*Read:-*1.U.O.No. 3103/2024/Admn dated 22.02.2024.

2. Minutes of the meeting of the Board of Studies in Physical Education UG held on 11.05.2024.

3.Remarks of the Dean, Faculty of Education dated 30.05.2024.

4. Orders of the Vice Chancellor in the file of even No. dated 07.06.2024.

<u>ORDER</u>

1. The Regulations of the Calicut University Four Year UG Programmes (CUFYUGP Regulations 2024) for Affiliated Colleges, has been implemented with effect from 2024 admission onwards, vide paper read as (1) above.

2. The meeting of the Board of Studies in Physical Education (UG) held on 11.05.2024, vide paper read as (2) above, has approved the scheme and syllabus of the General Foundation courses in Physical Education in tune with CUFYUGP Regulations 2024 with effect from 2024 Admission onwards.

3. The Dean, Faculty of Education vide paper read as (3) above, has approved the minutes of the meeting of the Board of Studies in Physical Education (UG) held on 11.05.2024.

4. Considering the urgency, the Vice Chancellor has approved the minutes of the meeting of the Board of Studies in Physical Education(UG) held on 11.05.2024 approved by the Dean, Faculty of Education and granted permission to implement the scheme and syllabus of the General Foundation Courses in Physical Education in accordance with CUFYUGP Regulations 2024 with effect from 2024 Admission onwards, subject to ratification by the Academic Council.

5. Therefore, the scheme and syllabus of the General Foundation Courses in Physical Education in tune with CUFYUGP Regulations 2024 is implemented with effect from 2024 Admission onwards.

6. Orders are issued accordingly. (Syllabus appended)

Ajayakumar T.K

Assistant Registrar

То

1. The Principals of all Affiliated Colleges,

Copy to: PS to VC/PA to PVC/ PA to R/PA to CE/JCE I/JCE IV/EX IV and EG Sections/GA IF/CHMK Library/Information Centres/SF/DF/FC

Forwarded / By Order

Section Officer

UNIVERSITY OF CALICUT

PHYSICAL EDUCATION (GENERAL FOUNDATION COURSES)

SYLLABUS & MODEL QUESTION PAPERS

w.e.f. 2024 admission

(CUFYUGP Regulations 2024)

PHYSICAL EDUCATION

(FOUNDATION COURSES)

SYLLABUS

DISTRIBUTION OF GENERAL FOUNDATION COURSE IN PHYSICAL EDUCATION

			SS				MARKS	5
SEMESTER	COURSE CODE	COURSE TITLE	TOTAL HOURS	HOURS PER WEEK	CREDITS	INTERNAL	EXTERNAL	TOTAL
	PEN1FM105(1)	MDC I (1) Yoga and Stress Mangement						
I	PEN1FM105(2)	MDC I (2) Lifestyle Disease and Physical Activity	45	3	3	25	50	75
	PEN1FM105(3)	MDC I (3) Sports and society						
	PEN2FM106(1)	MDC II (1) Physical Fitness and Active Living						
II	PEN2FM106(2)	MDC II (2) Exercise and Weight Management	45	3	3	25	50	75
	PEN2FM106(3)	MDC II (3) Recreational Activities for Elderly						
	PEN5FS107(1)	SEC SEC V (1) Fitness Management & Personal Training						
V	PEN5FS107(2)	SEC V (2) First Aid & Basic Life skill Support	45	3	3	25	50	75
	PEN5FS107(3)	SEC V (3) Physical Fitness and Exercise Prescription						



CALICUT UNIVERSITY – FOUR-YEAR UNDER GRADUATE PROGRAMME (CU-FYUGP)

Physical Education

PROGRAMME OUTCOMES (PO):

At the end of the graduate program at Calicut University, a student would:

PO 1	Demonstrate a profound understanding of knowledge trends and their impact on the chosen discipline of study.			
PO 2	Demonstrate professional skills to navigate diverse career paths with confidence and adaptability.			
PO 3	Demonstrate mastery of varied digital and technological tools to understand and interact with the digital world, thus effectively processing complex information.			
PO 4	Become a successful professional who drives positive change through effective communication, collaborative acumen, transformative leadership, and a dedication to inclusivity.			
PO 5	Emerge as an innovative problem-solver and impactful mediator, applying scientific understanding and critical thinking to address challenges and advance sustainable solutions.			
PO 6	Become a responsible leader, characterized by an unwavering commitment to human values, ethical conduct, and a fervent dedication to the well-being of society and the environment			
PO 7	Emerge as an innovative researcher and entrepreneurial leader, leveraging collaborative partnerships with industry, academia, and communities, thus contributing to local, regional, and global development			

Programme	MDC Physical	MDC Physical Education						
Course Code								
Course Title	INTRODUCT	INTRODUCTION TO YOGA AND STRESS MANAGEMENT						
Type of Course	MDC I (1)							
Semester	1							
Academic Level	100-199							
Course Details	Credit	Lecture per	Tutorial	Practical	Total Hours			
		week	per week	per week				
	3	2	-	1	45			
Pre-requisites	Introduction to	yoga, stress, a	nd various str	ess managemer	nt techniques			
Course Summary	Modern life be	ecame better,	easier and mo	ore comfortable	e because of the			
	inventions of n	nachines and i	ts vast uses in	our daily life.	But it made our			
	life less kinetic	and became	less physically	active. The p	eople face many			
	fitness problem	ns mainly phy	sical and mer	ntal fitness issu	ues. Most of the			
	people includin	g youngsters a	are facing meta	al stresses whic	ch make their life			
	more difficult. Yoga is the best contribution of our Great Nation to the							
	world. This gi	ves awarenes	s and knowle	dge about bas	ics of yoga and			
	asana to have h	ealthy and fit	citizens.					

Course Outcomes:

After the completion of the course students will be able to:

CO	CO Statement	Cognitive Level*	Knowledge Category#	Evaluation tools used
CO1	Introducing yoga and its origin. Understanding types of yoga, limbs of yoga, kriyas. application mudras.	U & Ap	F & C	Quiz/Presentations/Internal exam
CO2	Knowledge about the classification of asanas, suryanamaskar, its benefits and apply it in daily life.	U and Ap	С&Р	Multi media Presentations / Discussions/ Seminar/ Internal exam
CO3	Analyse and application of pranayama, its classification and benefits of it in day today life.	An and Ap	С&Р	Presentations/ Discussions/ Internal exam Debates/Seminars
CO 4	Understand stress, analyse and evaluate the physiological effect of yoga on stress through various yogic techniques	U, E &Ap	С, Р & М	Presentations/ Assignments/Debates/ Internal exam
CO5	Develop skills and awareness to understand yoga, various types of asana, practicing various yogic techniques to release stress.	An, E & Ap	С, Р &М	Debates/Multi-media Presentations/ Internal exam

Cognitive Level* - Remember (R), Understand (U), Apply (Ap), Analyse (An), Evaluate (E), Create (C)

Knowledge Category# - Factual Knowledge(F) Conceptual Knowledge (C) Procedural Knowledge (P) Metacognitive Knowledge (M)

Modu	Uni	CONTENT	Hours	Mark
le	t		45	S
				50
Ι	INT	6	1	
	1	Introduction to Yoga- Meaning- Definition and History.	2	0
	2	Types of Yoga –Bhakthi Yoga- Jnana Yoga- Karma Yoga and Raja Yoga.	1	

	3	Ashtanga Yoga (8 Limbs of Yoga).	1	
	4	Introduction to Mudras and Various Cleansing Techniques.	2	1
II	CLA	RODUCTION TO ASANAS - DEFINITION AND ITS ASSIFICATION. SURYANAMASKAR AND ITS IEFITS.	14	18
	5	Definition and Benefits of Asanas. Loosening Exercise	2	
	6	Classification of Asanas- According to Purpose- Relaxative, Meditative and Cultural.	2	
	7	Classification of Asanas - According to Performance- standing, sitting, prone and supine. Standing Asanas - Ardhakadichakrasana, Ardhachakrasana, Padahasthasa, Trikonasana, Parivrtta Trikonasana .	4	_
	8	Sitting asanas – Vajrasana, Sasankasana Pascimottanasa, Vakrasana, Ardhamatsyendrasana.	1	
	9	Prone - Bhujangasana , Salabhasana. Supine – Uttanpadasana Pavanamuktasana.	1	
	10	Classification of Asanas - Exercises.According to body Movements - forward bending, backward bending, twisting and balancing.	2	_
	11	Introduction to Suryanamaskar (The Sun Salutation) – Techniques of Suryanamarkar with proper breathing paterns and its benefits. Practice of Suryanamaskar	2	
III		RODUCTION TO PRANAYAMA, DEFINITION, IEFITS AND ITS CLASSIFICATION.	6	10
	12	Definition and Benefits of Pranayama.	2	-
	13	Breathing Exercises – Diaphragmatic Breathing, Puraka, Rechaka and Kumbaka and its types	2	
	14	Classification of Pranayama and its Techniques- Chandra Bhedana, Surya Bhedana and Nadisudhi.	2	
IV	YOC	GIC STRESS MANAGEMENT	10	12
	15	Meaning and definition of stress Types of Stress - Eustress, Acute stress, Episodic Acute Stress, Chronic stress and Distress	3	
	16	Stressors- Physical, Psychological, Psychosocial and Psycho spiritual.	2	
	17	Physiological Effect of Yoga on stress.	1	1
	17	Various yogic stress management techniques- IRT, QRT, DRT , NSDR (Non Sleep Deep Rest Protocol)	2	
				1

V		Open Ended Module: This unit is customizable by the instructor. Topics can be chosen based on the interests of the class.	9 hours	5 mark s out of 20 inter nal mark s
	1	Practice of various asanas: Standing Asanas - Ardhakadichakrasana, Ardhachakrasana, Padahasthasa, Trikonasana, Parivrtta Trikonasana . Sitting asanas – Vajrasana, Sasankasana Pascimottanasa, Vakrasana, Ardhamatsyendrasana. Prone - Bhujangasana , Salabhasana. Supine – Uttanpadasana Pavanamuktasana.		
	2	Practice of mudras and pranayamas : Diaphragmatic Breathing, Puraka, Rechaka and Kumbaka and its types. Chandra Bhedana, Surya Bhedana and Nadisudhi.		
	3	Practicing suryanamaskar : Suryanamarkar with proper breathing paterns and its benefits.		
		Activities and assessment of Open ended For the open-ended module, here are suggested activities and evaluation methods aligned with the potential topics:		

REFERENCES

- 1. Joshi, K.S., (1997), Yoga in daily life, Delhi Oriented paper backs.
- 2. Nagendra, H.R., (2004) Yoga its basics and application, Bangalore: Vivekanandha Kendra Yoga Publication.
- 3. Prbhavananda Swami., (2002) Patanjali Yoga Sutras, Chennai: Sri Ramakrishna Math.
- 4. Saraswati Sathyananda Swami., (2005) Yoga Nidra, Bhihar : Yoga Publicatiion Trust Journal and periodicals.
- 5. Muktibodhananda, S. (2008). Hatha Yoga Pradipika. Munger, Bihar. India: Yoga Publications Trust.
- 6. Iyengar, B. K. S. (2008). Light on life: The journey to wholeness, inner peace and ultimate freedom. Pan Macmillan.
- 7. Nagendra, H. R. (1988). New perspectives in stress management. Vivekananda Kendra Yoga Anusandhana Samsthan.
- 8. Biju Lona K (2023) Physical education and yoga, Maximum publishers Kinfra park Koratty
- 9. Nagarathna, R., Nagendra, H. R., & Telles, S. (1999). Yoga Health and disease. Kaohsiung J Med Sci, 2, 96–104.
- 10. Saraswati, S. S., & Hiti, J. K. (1984). Yoga nidra. Bihar School of Yoga Munger. Hartranft, C. (2003). The Yoga-Sutra of Patanjali: A new translation with commentary. Shambhala Publications.
- 11. Nagarajan Karuna.et.al.(1999) YIC Practical Self Learning Material, published by Swami Vivekananda Yoga Prakasana.

Mapping of COs with POs

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	1	1	1	1	2	1
CO2	3	2	2	1	2	2	1
CO3	3	2	2	2	1	2	2
CO4	3	2	3	1	2	3	3
CO5	3	2	2	1	2	2	1

Level	Correlation
-	Nil
1	Slightly / Low
2	Moderate / Medium
3	Substantial / High

Assessment Rubrics:

- Quiz / Assignment/ Debates/ Discussion / Seminar
- Midterm Exam
- Final Exam (70%)

Mapping of COs to Assessment Rubrics:

СО	Interna l Exam	Assignme nt	Discussion / Debates	Quiz	Seminar	Multi- Media Presentatio ns	End Semester Examinati on
CO 1	1			1		1	1
CO 2	1		1			1	1
CO 3	1		1		1	1	1
CO 4	1	1	1			1	1
CO 5	1						1

I Semester CUFYUGP Degree Examinations Course Code: Introduction to Yoga and Stress Management (Credits: 3)

 Maximum Time: 1.5 hours
 Maximum Marks: 50

Section A

	[Answer Any 8. Each question carries 2 marks]	(Ceiling: 16 marks)					
1.	Four vedas						
2.	Asana in Prone and supine posture.						
3.	Name eight limbs of yoga						
4.	Benefits of asanas						
5.	Pranayama						
6.	Chandrabhedana						
7.	Padahasthasana						
8.	Stress						
9.	QRT						
10.	Loosening exercise						
	Section B						
	[Answer Any 4. Each question carries 6 marks]	(Ceiling: 24 marks)					
11.	Explain Ashtangayoga						
12.	Various classification of asana and its benefits.						

- 13. Classification of pranayama and its benefits
- 14. Explain Cyclic Meditation
- 15. Describe types of stress
- 16. Explain any four asana and its benefits

Section C

[Answer any one. Each question carries 10 marks] (1x10=10 marks)

- 17. Explain stress and various yogic stress management techniques.
- 18. Explain Suryanamaskar and its benefits.



CALICUT UNIVERSITY – FOUR-YEAR UNDER GRADUATE PROGRAMME (CU-FYUGP)

Physical Education Lifestyle Disease and Physical Activity

PROGRAMME OUTCOMES (PO):

At the end of the graduate program at Calicut University, a student would:

PO 1	Demonstrate a profound understanding of knowledge trends and their impact on the chosen discipline of study.
PO 2	Demonstrate professional skills to navigate diverse career paths with confidence and adaptability.
PO 3	Demonstrate mastery of varied digital and technological tools to understand and interact with the digital world, thus effectively processing complex information.
PO 4	Become a successful professional who drives positive change through effective communication, collaborative acumen, transformative leadership, and a dedication to inclusivity.
PO 5	Emerge as an innovative problem-solver and impactful mediator, applying scientific understanding and critical thinking to address challenges and advance sustainable solutions.
PO 6	Become a responsible leader, characterized by an unwavering commitment to human values, ethical conduct, and a fervent dedication to the well-being of society and the environment
PO 7	Emerge as an innovative researcher and entrepreneurial leader, leveraging collaborative partnerships with industry, academia, and communities, thus contributing to local, regional, and global development

Programme	MDC PHYSIC	AL EDUCAT	ION		
Course Code					
Course Title	Lifestyle Disea	se and Physica	ll Activity.		
Type of Course	MDC (2)				
Semester	1				
Academic Level	100 – 199				
Course Details	Credit	Lecture per	Tutorial	Practical	Total Hours
		week	per week	per week	
	3	3	-	-	45
Pre-requisites					
Course	This course ain	ns to empower	students with	knowledge an	d skills needed
Summary	to promote healthy living and prevent lifestyle diseases through				
	informed choic	es in nutrition	and physical a	activity.	

Course Outcomes (CO):

CO	CO Statement	Cognitive Level*	Knowledge Category#	Evaluation Tools used			
CO1	To define lifestyle diseases and distinguish them from other health conditions.	U & An	F & P	Exams / Quiz			
CO2	Gain an understanding of the key risk factors associated with lifestyle diseases such as poor nutrition, physical inactivity etc.	U & An	F & P	Assignments / Seminars / Exams / Quiz			
CO3	To analyse how lifestyle choices like diet, physical activity and stress management affect the overall health and susceptibility to diseases.	An	Р	Presentation / Exams / Quiz / Viva Voce /Group discussion			
CO4	To categorize different types of exercises and it's practicality.	An	С	Assignments / Seminars / Exams / Quiz			
CO5	To acquire knowledge on balanced diet and nutrition such as carbohydrates, proteins, fats, vitamins and minerals.	An & Ap	C & P	Seminars/ Exams / Quiz / Group discussion			
	* - Remember (R), Understand (U), Apply (Ap), Analyse (An), Evaluate (E), Create (C)						
	ctual Knowledge(F) Conceptual Knowle cognitive Knowledge (M)	edge (C) Proced	dural Knowledge	e (P)			
wield							

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Detailed Syllabus:

Modul	Unit	Content	Hr
е			s
I		Introduction to Lifestyle diseases	5
	1	Meaning, Characteristics and understanding lifestyle diseases and their	2
		prevalence.	
	2	Consequences of unhealthy lifestyle.	1
	3	Importance of physical activity and healthy living	2
II		Types of Lifestyle diseases	11
	4	Diabetes, Obesity, Hypertension, Coronary Heart disease,	8
		Osteoporosis, Chronic back ache, PCOS – Causes, symptoms, risk	
		factors and management	
	5	Psycho somatic disorders - Stress, Anxiety, Depression - Risk factors	3
		and management	
III		Exercises and Lifestyle diseases	10
	6	Vital signs - Blood pressure, pulse rate, body temperature, respiratory rate	2
	7	Assessment - BMI, WHR	1
	8	General principles of Exercises - types of exercises	3
	9	Exercises - Own body exercises - Mobility Exercise -band and loop	4

		exercise - dumbbell and kettle bell exercises - develop physical fitness	
		components – strength, endurance, flexibility, balance and coordination	
IV		Nutrition and Lifestyle diseases	10
	10	Nutrients – Micro nutrients and Macro nutrients.	2
	11	Importance of Nutrition and diet- RDA for general population and special population	3
	12	Understanding BMR, calories and energy balance.	1
	13	Nutritional deficiency diseases.	2
	14	Rest, Sleep, Screen time, Substance abuse, physical inactivity.	2
V	C	Den Ended Module: Exercise interventions for Active living, health	9
		records	
	15	Practicing Aerobics, Zumba, Yoga, gym exercises etc	
	16	Maintaining personal health records – BMI, WHR, RHR, THR etc	

Mapping of COs with POs:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO 1	2	2	-	-	1	2	1
CO 2	3	1	1	-	2	2	1
CO 3	2	2	1	-	2	2	-
CO 4	3	2	2	-	2	2	1
CO 5	3	2	-	-	2	2	1

Correlation Levels:

Leve l	Correlation		
-	Nil		
1	Slightly / Low		
2	Moderate / Medium		
3	Substantial / High		

Assessment Rubrics:

- Quiz / Assignment/ Quiz/ Discussion / Seminar
- Midterm Exam
- Programming Assignments (20%)Final Exam (70%)

	Internal Exam	Assignmen t	Discussion/ Debates	Quiz	Seminar	Project Evaluation	End Semester Examinations
CO 1	1	1					1
CO 2	1			5	\$		1
CO 3	1		~			\$	V
CO 4		\$			1		<i>√</i>
CO 5	1	1		<i>J</i>			<i>√</i>

Mapping of COs to Assessment Rubrics :

References:

- Egger G, Benns A, Rossner S; Sagner M (2017). Lifestyle Medicine Lifestyle, the Environmental and preventive Medicine and Disease. 3rd Edition, Academic publishers.
- 2. Rippe, J.M. (2017). Nutrition in Lifestyle Medicine: Overview. In: Rippe, J. (eds) Nutrition in Lifestyle Medicine. Nutrition and Health. Humana Press, Cham.
- 3. Silent Night D Jim Revees, Peter Jude K Antony (2015). Health and Physical fitness- Awareness, status and academics. Lambert Academic Publishing.
- 4. Singh D Anoop (2018). Physical Fitness and health. Delhin Random Publications.
- Rosett W J, Jhangiani S S (2017). Obesity and Disease in an Interconnected World: A Systems Approach to Turn Huge Challenges into Amazing Opportunities. Bentham Books.
- 6. B. Srilakshmi (2014). Dietetics. 7th Edition, New age International publisher

FYUGP – Calicut University MDC in Physical Education

Lifestyle Disease and Physical Activity.

Course Code

(Credits: 3)

Maximum Time: 1.5 hours

Maximum Marks: 50

Section A

	[Answer any eight. Each question carries 2 marks]	(Ceiling: 16 marks)
1.	Define physical activity.	
2.	Write a short note on PCOS.	
3.	Explain respiratory rate.	
4.	Importance of rest in daily life.	
5.	Define yoga.	
6.	Write a short note on Macro nutrients.	
7.	Describe Hypertension.	
8.	Analyze risk factors of anxiety.	
9.	Specify endurance.	
10.	BMI.	

Section B

[Answer any four. Each question carries 6 marks] (Ceiling: 24 marks)

- 11. Identify and explain the consequences of unhealthy lifestyle.
- 12. Elucidate psycho somatic disorders.
- 13. Expound types of exercises.
- 14. Elaborate on components of nutrition.
- 15. Define and explain Vital signs.

Section C

[Answer any one. Each question carries 10 marks] (1x10=10 marks)

- 16. Define nutrition. Elaborate various nutritional deficiency diseases
- 17. Illustrate general principles of Exercises and critically analyze the importance of exercise in daily life.



CALICUT UNIVERSITY – FOUR-YEAR UNDER GRADUATE PROGRAMME (CU-FYUGP)

PHYSICAL EDUCATION

PROGRAMME OUTCOMES (PO):

At the end of the graduate program at Calicut University, a student would:

PO 1	Demonstrate a profound understanding of knowledge trends and their impact on the chosen discipline of study.
PO 2	Demonstrate professional skills to navigate diverse career paths with confidence and adaptability.
PO 3	Demonstrate mastery of varied digital and technological tools to understand and interact with the digital world, thus effectively processing complex information.
PO 4	Become a successful professional who drives positive change through effective communication, collaborative acumen, transformative leadership, and a dedication to inclusivity.
PO 5	Emerge as an innovative problem-solver and impactful mediator, applying scientific understanding and critical thinking to address challenges and advance sustainable solutions.
PO 6	Become a responsible leader, characterized by an unwavering commitment to human values, ethical conduct, and a fervent dedication to the well-being of society and the environment
PO 7	Emerge as an innovative researcher and entrepreneurial leader, leveraging collaborative partnerships with industry, academia, and communities, thus contributing to local, regional, and global development

Programme	MDC Physical	Education			
Course Code					
Course Title	Sports and So	ciety			
Type of Course	MDC I (3)				
Semester	1				
Academic Level	100-199				
Course Details	Credit	Lecture per	Tutorial	Practical	Total Hours
		week	per week	per week	
	3	3	-	-	45
Pre-requisites					
Course	This course prov	vides an examin	nation of the in	tersection of sp	ort and society:
Summary	implications of class, race, and gender-based social issues in youth, college,				
	and professional	sport structures			

Course Outcomes (CO):

СО	CO Statement	Cognitive	Knowledge	Evaluation
		Level*	Category#	Tools used
CO1	Analyze the historical and	U	С	Instructor-
	cultural impact of sports on society.			created exams /
				Quiz
CO2	Evaluate the role of sports in shaping	Ар	Р	Practical
	individual and collective identities.			Assignment /
				Observation of
				Practical Skills
CO3	Investigate the impact of sports on	Е	Р	Seminar
	physical and mental health within			Presentation /
	communities.			Group Tutorial
				Work
CO4	To understand how deviance exists	U	С	Instructor-
	in sports and examine the economic			created exams /
	implications of sports industries on			Home
	local and global economies.			Assignments
CO5	Think critically and articulate how	E	F	Instructor-
	sports impact society as well how			created exams /
	society impact sports			Home
				Assignments
CO6	To understand the ethical	An	Р	Instructor-
	considerations, issues of doping,			created exams /
	fair play in sports and demonstrate			Home
	the social dynamics within sports			Assignments
	teams and fan communities.			
* - Rem	ember (R), Understand (U), Apply (Ap	o), Analyse (A	n), Evaluate (E)	, Create (C)
# - Fact	ual Knowledge(F) Conceptual Knowle	dge (C) Proce	dural Knowledg	e (P)
Metaco	gnitive Knowledge (M)			

Detailed Syllabus:

Modul	Unit	Content	Hrs
e			
Ι		Introduction to Soprts, Society.	10
	1	Definition and Meaning of Sports Sociology	2
	2	Historical Perspective of Sports and Society	3
	3	Gender and Sports	2
	4	Sports; a lifestyle Promoter	3
II		Socialization and Identity in Sports	10
	5	Socialization processes in sports	2
	6	Impact of sports on an individual	2
	7	Formation of Sporting Identity	2

	8	Interactive opportunities on and off the field	2
	9	Amateurism and Professionalism	2
III		Sports; A Health promoter	7
	10	Sports as a health developmental tool	3
	11	promoting sports activities	2
	12	As a fitness medium - Games like football, basketball, badminton, cricket etc.	2
IV		Power, Politics, Commercialization and Media in Sports	9
	13	Politics in sports organisation	2
	14	National integration and globalisation in sports	2
	15	Impact of media on sports	2
	16	sports as entertainment	2
	17	sponsorship and advertisement	1
v		Deviance and Ethics in Sport	9
	18	Deviant behaviour in sports	1
	19	Ethical issues in sports (doping and cheating)	2
	20	Racism and discrimination	2
	21	Definition of crowd and hooligans	2
	22	Behaviour and characteristics of crowd.	2

Mapping of COs with PSOs and POs :

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO 1	1	-	-	-	-	-	3	1	1	-	1	3	1
CO 2	2	3	-	-	-	-	2	2	2	-	2	3	1
CO 3	-	-	1	_	-	-	3	2	2	-	2	3	1
CO 4	-	-	2	3	-	-	1	3	3	1	2	3	1
CO 5	-	1	-	_	-	-	2	2	2	1	3	3	2
CO 6	-	-	-	3	-	-							

Correlation Levels:

Leve l	Correlation
-	Nil
1	Slightly / Low
2	Moderate / Medium
3	Substantial / High

Assessment Rubrics:

- Quiz / Assignment/ Quiz/ Discussion / Seminar
- Mid-term Exam
- Final Exam (70%)

Mapping of COs to Assessment Rubrics :

	Internal Exam	Assignment	Project Evaluation	End Semester Examinations
CO 1	~			1
CO 2	1			1
CO 3	1			1
CO 4		1		1
CO 5		1		1
CO 6			<i>✓</i>	

REFERENCE:

1. The Oxford Handbook of Sport and Society, - Lawrence A. Wenner

2.Research Handbook on Sports and Society Edited by Elizabeth C.J. Pike, Professor and Head of Sport, Health and Exercise, University of Hertfordshire, UK

3.Sports in Society: Issues and Controversies by Coakley Jay

4. Skill Transmission, Sport and Tacit Knowledge A Sociological Perspective by Honorata Jakubowska

8.Hammond, Peter. 1971. An Introduction to Cultural and Social Anthropology. New York: The McMillan Company

9.Kottak, Conrad P. 2002. Anthropology: The Exploration of Human Diversity. 9th ed. Boston: McGraw-Hill.

10.Fundamentals of Sports Sociology by Dr.Dharmander Kumar 4.Sports in South Asian Society: Past and Present by Boria Majumdar, J.A Mangan

11.Sports participation: Motivation, Family Socialization and gender by Arvind Kumar Tripathi et al.12. The Sociology of Sports: An Introduction-3rd edition by Tim Delaney, Tim Madigan

13. Sport, Gender and De t, Gender and Development: Intersections, Innovations and Future Trajectories by Lyndsay M C Hayhurst, Holly Thorpe, Megan Chawansky

14.Life Skills Through Sports by Martins Paulo

I Semester CUFYUGP Degree Examination Sports and Society Course Code: Credits:3)

Maximum Time: 1.5 Hours

Maximum Marks: 50

Section A

Answer Any Eight Questions. Each question carries marks.

- 1. Define Sports Sociology.
- 2. Gender and Sports.
- 3. What is meant by Socialization?
- 4. Explain Amateurism.
- 5. Methods of promoting sports activities.
- 6. Identify football as a medium of fitness.
- 7. Discuss Politics and Sports.
- 8. Write a short note on Globalization in Sports.
- 9. Define Crowd.
- 10. What is meant by deviant behavior in Sports.

(8 x 2 = 16 Marks)

Section B Answer Any Four Questions. Each question carries 6 marks.

- 11. Elaborate on the historical perspective of Sports and Society.
- 12. Describe the impact of Sports on Individual and Society.
- 13. Explain the role of Sports in National Integration.
- 14. Write an essay on Sports as a Health Developmental Tool.
- 15. Briefly explain Ethical Issues in Sports.

(4 x 6 = 24 Marks)

Section C Answer Any Two Questions. Each question carries 10 marks.

- 16. Give a detailed explanation on Socialization Process in Sports.
- 17. Write an essay on Media and Sports.

(1 x 10 = 10 Marks)



CALICUT UNIVERSITY – FOUR-YEAR UNDER GRADUATE PROGRAMME (CU-FYUGP)

MDC in Physical Education Physical Fitness and Active Living

PROGRAMME OUTCOMES (PO):

At the end of the graduate program at Calicut University, a student would:

PO 1	Demonstrate a profound understanding of knowledge trends and their impact on the chosen discipline of study.
PO 2	Demonstrate professional skills to navigate diverse career paths with confidence and adaptability.
PO 3	Demonstrate mastery of varied digital and technological tools to understand and interact with the digital world, thus effectively processing complex information.
PO 4	Become a successful professional who drives positive change through effective communication, collaborative acumen, transformative leadership, and a dedication to inclusivity.
PO 5	Emerge as an innovative problem-solver and impactful mediator, applying scientific understanding and critical thinking to address challenges and advance sustainable solutions.
PO 6	Become a responsible leader, characterized by an unwavering commitment to human values, ethical conduct, and a fervent dedication to the well-being of society and the environment
PO 7	Emerge as an innovative researcher and entrepreneurial leader, leveraging collaborative partnerships with industry, academia, and communities, thus contributing to local, regional, and global development

Programme	PHYSICAL EI	PHYSICAL EDUCATION					
Course Code							
Course Title	Physical Fitnes	Physical Fitness and Active Living					
Type of Course	MULTI DISIC	MULTI DISICPLINARY COURSE (1)					
Semester	II	II					
Academic Level	100 – 199	100 - 199					
Course Details	Credit	Lecture per	Tutorial	Practical	Total Hours		
	week per week per week						
	3 3 45						
Pre-requisites	Basic awareness about physical fitness and physical activities						
Course	Being Physically Active a person can reduce the risk of disease,						
Summary	strengthen bon		-	0 0	-		
	ability to do c	lay today acti	vities. Daily	physical activ	rity delays the		

ageing process and helps for healthy living.	

Course Outcomes (CO):

CO 1Acquire the general concepts of fitness and components of physical fitnessCO 2Differentiate the types of Physical fitnessCO 3Familiarize the principles of Fitness Training	Level* U An Ap	Category# C P	Tools used Instructor- created exams / Quiz Instructor- created exams / Home				
2 CO Familiarize the principles of Fitness		р	Instructor- created exams / Home				
1 1	Ар		Assignments				
		Р	Seminar Presentation / Group Tutorial Work				
CO 4 Understand the Physiological Effects of Exercise	U	С	Instructor- created exams / Home Assignments				
CO Attain the concepts of active living, 5 ageing process	Ар	Р	Instructor- created exams / Viva voce				
CO 6Demonstrate the competency in fitness activitiesApPObservation of practical skills/ Evaluation of activity record							
* - Remember (R), Understand (U), Apply (Ap), # - Factual Knowledge(F) Conceptual Knowledge Metacognitive Knowledge (M)							

Detailed Syllabus:

Modul	Unit	Content	Hr
e			S
Ι		General Concept of Physical Fitness	10
	1	Meaning and definition of Physical Activity, Physical Exercise and	1
		Physical Fitness	
	2	Types of Physical Fitness	2
	3	Health Related Physical Fitness (HRPF) and its components	3
	4	Performance Related Physical Fitness(PRPF) and its components	3
	5	Cosmetic fitness	1
II		Developing Physical Fitness Training Programme	8
	6	Activities for developing Fitness Components - HRPF, PRPF	1
	7	Importance of Warming up and Cooling down	2

	8	Principles of Fitness Training	2
	9	FITT Principles	1
	10	Designing HRPF and PRPF Training Programs	2
III		Physiological Effects of Exercise on Various Systems	10
	11	Effect of Exercise on cardio vascular system	2
	12	Effect of Exercise on respiratory system	2
	13	Effect of Exercise on muscular system	2
	14	Effect of Exercise on nervous system	2
	15	Effect of Exercise on digestive system	2
IV		Exercise and Active living	8
	16	Concepts of Active Living and Healthy Ageing	2
	17	Risk factors associated with physical inactivity	4
	18	Exercise and ageing process	2
V		Open Ended Module: Exercise interventions for Active living	9
	19	Practicing Aerobics, Zumba, Asanas etc.	9
		Maintain a personal activity record containing daily physical activity and	
		diet	

Mapping of COs with PSOs and POs :

	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO 1	3	1	1	-	2	1	1
CO 2	3	1	2	_	3	2	2
CO 3	3	1	3	_	3	1	2
CO 4	3	1	2	_	2	3	2
CO 5	1	3	3	1	2	2	2

Correlation Levels:

Leve l	Correlation
-	Nil
1	Slightly / Low
2	Moderate / Medium
3	Substantial / High

Assessment Rubrics:

- Quiz / Assignment/ Quiz/ Discussion / Seminar
- Midterm Exam
- Final Exam (70%)

Mapping of COs to Assessment Rubrics :

	Internal Exam	Assignment	Project Evaluation	End Semester Examinations
CO 1	1			1
CO 2	1			J
CO 3	1			J
CO 4		1		J
CO 5		<i>,</i>		J
CO 6			<i>✓</i>	

Reference

- . Jack H. Wilmore, David L. Costill Physiology of Sport and Exercise, Human kinetics publication, 2004
- . Dick, F.W. Sports Training Principles (4th ed.).Human Kinetics : Champaign , Illinois , 2002
- . Chu .D.A. Explosive Power and Strength. Champaign: Human Kinetics1996
- . Daryl Sidentop "Introduction to Physical Education, Fitness and Sport" McGraw-Hill publishing COMPANY,2006
- . Health Fitness and Instructors by Howley Franks
- . Timonen.V,(2016) Beyond Successful and Active Ageing; A Theory of Modei Ageing Ist Edition
- . Constantinos Phellas, Aging in European Societies 2012

II Semester CUFYUGP Degree Examination

PHYSICAL FITNESS AND ACTIVE LIVING

Course Code:

Credits:3

Maximum Time: 1.5 Hours

Maximum Marks: 50

Section A

Answer Any Eight Questions. Each question carries marks.

- 1. What is meant by Physical Activity?
- 2. Cosmetic Fitness
- 3. What do you mean by Principle of Specificity?
- 4. FITT
- 5. Exercise and Muscular System
- 6. Athletes Heart
- 7. Define Active Living
- 8. What is meant by Aging?
- 9. Warm Up
- 10. Agility

(8 x 2 = 16 Marks)

Section B

Answer Any Four Questions. Each question carries 6 marks.

- 11. Explain the components of Health Related Physical Fitness.
- 12. Give a detailed note on the effect of exercise on Respiratory System.
- 13. Explain the Risk factors associated with Physical inactivity.
- 14. Explain the importance of Warming up and Cooling down.
- 15. What are the factors to be remembered while designing PRPF Training Programs

(4 x 6 = 24 Marks)

Section C

Answer Any Two Questions. Each question carries 10 marks.

- 16. Explain various types of Physical Fitness and its Components
- 17. Elaborate on the Principles of fitness training.

(1 x 10 = 10 Marks)



CALICUT UNIVERSITY – FOUR-YEAR UNDER GRADUATE PROGRAMME (CU-FYUGP)

PHYSICAL EDUCATION

PROGRAMME OUTCOMES (PO):

At the end of the graduate program at Calicut University, a student would:

PO 1	Demonstrate a profound understanding of knowledge trends and their impact on the chosen discipline of study.
PO 2	Demonstrate professional skills to navigate diverse career paths with confidence and adaptability.
PO 3	Demonstrate mastery of varied digital and technological tools to understand and interact with the digital world, thus effectively processing complex information.
PO 4	Become a successful professional who drives positive change through effective communication, collaborative acumen, transformative leadership, and a dedication to inclusivity.
PO 5	Emerge as an innovative problem-solver and impactful mediator, applying scientific understanding and critical thinking to address challenges and advance sustainable solutions.
PO 6	Become a responsible leader, characterized by an unwavering commitment to human values, ethical conduct, and a fervent dedication to the well-being of society and the environment
PO 7	Emerge as an innovative researcher and entrepreneurial leader, leveraging collaborative partnerships with industry, academia, and communities, thus contributing to local, regional, and global development

Programme	PHYSICAL EI	DUCATION						
Course Code								
Course Title	EXERCISE AN	ND WEIGHT	MANAGEME	INT				
Type of Course	MULTI DISCI	PLINARY CC	URSE (2)					
Semester	II							
Academic Level	100-199							
Course Details	Credit	Lecture per	Tutorial	Practical	Total Hours			
		week	per week	per week				
	3	3	-	-	45			
Pre-requisites								
Course	Eating healthy	food and stay	ving active are	e sum of the r	nost important			
Summary	things you can do to prevent health alignments and improve your							
	personal well being. The course will help to understand the basics of							
	body weight and a technique to measure body composition and their							
	interpretations,	basic concep	ot of weight	management i	n obesity and			

underweight, enable students to learn types, level and impact of
exercises for weight management and also develop skill of planning
proper diet.

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Course Outcomes (CO):

CO	CO Statement	Cognitive Level*	Knowledge Category#	Evaluation Tools used
CO 1	To explore the science of body composition, including the various components of the human body, methods for assessment, and strategies for managing body composition for health and maintenance of ideal bodyweight.	U	C	Instructor- created exams / Quiz/Assign ment
CO 2	To understand the relationship between exercise and weight management, emphasizing the physiological and behavioural aspects of achieving and maintaining a healthy weight through physical activity.	U	F	Instructor,cre ated exams/Quiz/ Assignments/ demonstration
CO 3	To inculcate knowledge on principles of nutrition and their application to weight management, the impact of dietary choices on body weight, metabolism, and overall health, with a focus on evidence- based strategies for weight loss and maintenance.	AP	Р	Instructor created exam / Assessment/E xamination/ Quiz
CO 4	To explore the relationship between exercise and weight management, emphasizing the physiological and behavioural aspects of achieving and maintaining a healthy weight through physical activity. To learn about different exercise modalities and behaviour change strategies to promote effective weight management.	AP	Р	Instructor- created exams / Practical Test/Home Assignments
CO 5	Formulation of specific programmes for weight management. Hands on training on organizing training programmes for weight management.	АР	Р	Tasks and Assignments
# - Fa	emember (R), Understand (U), Apply (Ap), A actual Knowledge(F) Conceptual Knowledge cognitive Knowledge (M)			

Detailed Syllabus:

Modul e	Unit	Content	Hrs
I		Body composition and ideal body weight	10
-	1	Concept of body weight and importance of ideal body weight	1
	2	Meaning , Components and factors effecting body composition	2
	3	Influence of body composition on health and performance	1
	4	Methods for assessing body composition	2
	5	Understanding fat lose and weight lose	2
	6	Body Types and its characteristics (Pyknic, Athletic and Aesthetic)	2
II		Basic concepts of weight management	10
	7	Obesity-Causes-risk factors	1
	8	Under Weight –Causes and Risk Factors	1
	9	Impact of Gender difference and aging on body weight -female athletic triad	1
	10	Misconception of weight management- Influence of mobile applications– influence of social media. Fake Institutions and trainers	2
	11	Myths about weight loss(Weight loss need not be fat loss & weight gain need not be muscle gain	1
	12	Guidelines to lose weight and weight gain- Strategies for weight maintenance- Building a personal action plan for long-term success Goal setting and motivation strategies	2
	13	Behavioural Aspects of Weight Management- Stress management and its impact on weight-Lifestyle and Long-Term Success- Sustainable lifestyle changes	2
III		Diet and Weight Management	8
	14	Need and Importance of nutrition in weight management- Basics of energy balance and metabolism- Principles of healthy eating- Balanced diet	2
	16	Diet - Components of Dietmicro nutrients and macro nutrients- Caloric intake and macronutrient distribution- Meal planning and portion control	3
	18	Basal Metabolic Rate- Daily energy requirements calorie intake and expenditure-	1
	19	Eating disorders-binge eating, aneroxia nervosa, bulimia.Junk Food - Food Supplements and weight management.	2
IV		Exercise and Weight Management	8
	23	Introduction to Physical activity- Definition, Aim and Objectives, of exercise - principles of exercise	2
	24	Types of exercise and Its benefits - Exercise and safe heart zone	2
	25	Importance of Cardio vascular and strength workouts in weight management -	2
	26	Yoga -its role in weight management	1
	27	High-intensity interval training (HIIT) its role in weight management	1
V		Open ended module	9
	38	Group Project: Designing and application of a 4-week exercise and nutrition plan	

References

1. Williams, M.H., (2002), Nutrition for health, Fitness & sport, 6th edition, McGraw-Hill Higher Education

2. Mudambi,S.R., Rajgopal, M.V., (2012), Fundamentals of Foods and Nutrition, New Age

International Pvt. Ltd.

3. Joshi, S., (2009), Nutrition and Dietetics, McGraw Hill Higher Education.

4. Podder, T., (2012), Fit and fine in Body and Mind, Kindle Edition

5. Thygerson, A.L., Thygerson, S.M., (2019), Fit to be well' Essential Concepts, 4th Edition, Jones & Bartlett Learning

6. Robinson, C.H., Lawler, M.R., (1990), Normal and Therapeutic Nutrition, 17th Edition, MacMillan Pub. Co.

7. Ormsbee, M., (2016), Changing Body Composition Through Diet and Exercise, The Great Courses

8. Perrine, S.,Skolnik, H.,(2022), The Whole Body Reset: Your Weight-Loss Plan for a Flat Belly, Optimum Health & a Body You'll Love at Midlife and Beyond, Kindle Edition

Mapping of COs with PSOs and POs :

	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO 1	1	2	2	3	1	2	2
CO 2	2	1	2	1	2	3	1
CO 3	2	3	1	3	3	2	1
CO 4	1	2	3	2	2	2	2
CO 5	2	2	3	1	3	2	2
CO 6	1	1	2	3	2	2	2

Correlation Levels:

Leve l	Correlation
-	Nil
1	Slightly / Low
2	Moderate / Medium
3	Substantial / High

Assessment Rubrics:

- Quiz / Assignment/ Quiz/ Discussion / Seminar
 Midterm Exam
 Final Exam (70%)

Mapping of COs to Assessment Rubrics :

	Internal Exam	Assignment	Project Evaluation	End Semester Examinations
CO 1	~			1
CO 2	1			J
CO 3	V			J
CO 4		1		J
CO 5		1		,
CO 6			1	

II Semester CUFYUGP Degree Examination

Exercise and Weight Management

Course Code:

Credits:3

Maximum Time: 1.5 Hours

Maximum Marks: 50

Section A

Attempt all questions each questions carries two marks

1.Health

Athletic Body
 Metabolism
 Balanced diel
 Junk tood.
 Acrobie Bauer
 strength
 underweight
 Mal Nutrient
 B.M.I

Section B

Answer Any four Questions. Each question carries 6 marks

11 Describe the factors affecting Body Competency

- 12. Explain importance of malnutrition in Weight management
- 12. Explain types of muscular activity?
- 14. Explain the ways and means to reduce stress?
- 15. Explain importance of Nutritionin weight management

Section C

Answer Any Two Questions. Each question carries 10 marks

16 Explain the role of yoga in weight management?

17 Describe the importance physical activity in weight management



CALICUT UNIVERSITY – FOUR-YEAR UNDER GRADUATE PROGRAMME (CU-FYUGP)

PHYSICAL EDUCATION

PROGRAMME OUTCOMES (PO):

At the end of the graduate program at Calicut University, a student would:

PO 1	Demonstrate a profound understanding of knowledge trends and their impact on the chosen discipline of study.
PO 2	Demonstrate professional skills to navigate diverse career paths with confidence and adaptability.
PO 3	Demonstrate mastery of varied digital and technological tools to understand and interact with the digital world, thus effectively processing complex information.
PO 4	Become a successful professional who drives positive change through effective communication, collaborative acumen, transformative leadership, and a dedication to inclusivity.
PO 5	Emerge as an innovative problem-solver and impactful mediator, applying scientific understanding and critical thinking to address challenges and advance sustainable solutions.
PO 6	Become a responsible leader, characterized by an unwavering commitment to human values, ethical conduct, and a fervent dedication to the well-being of society and the environment
PO 7	Emerge as an innovative researcher and entrepreneurial leader, leveraging collaborative partnerships with industry, academia, and communities, thus contributing to local, regional, and global development

Programme	Physical Education						
Course Code							
Course Title	RECREATION	IAL ACTIVIT	IES FOR ELI	DERLY			
Type of Course	MULTI DISC	IPLINARY C	OURSE				
Semester	II						
Academic Level	100-199	100-199					
Course Details	Credit	Lecture per	Tutorial	Practical	Total Hours		
		week	per week	per week			
	3	3	-		45		
Pre-requisites	Basic awarenes	s about physic	al activity and	l exercise			
Course	This course aims to empower the students with concepts of aging, need						
Summary	for recreational activity and to design programs for geriatric recreation						
	according to the	e special needs	5.				

Course Outcomes (CO):

CO	CO Statement	Cognitive Level*	Knowledge Category#	Evaluation Tools used			
CO	Acquire knowledge on concept,	U	С	Instructor-			
1	theories and phases of ageing process.			created exams / Quiz			
CO	Understanding the principles,	U	С	Instructor-			
2	characteristics and modern trends of			created exams /			
	recreation for elderly			Quiz			
CO	Familiarize the concepts and major	An	С	Instructor-			
3	domains of elderly recreational			created exams /			
	programme			Quiz			
CO	Develop competency in designing	Ap	Р	Instructor-			
4	recreation programme for elderly.			created exams /			
				Home			
				Assignments			
CO	Analyze and impart specific	Ap	Μ	Tasks and			
5	programmes for various need			assignments			
	groups.						
* - Re	* - Remember (R), Understand (U), Apply (Ap), Analyse (An), Evaluate (E), Create (C)						
# - Fa	# - Factual Knowledge(F) Conceptual Knowledge (C) Procedural Knowledge (P)						
Metao	cognitive Knowledge (M)						

Detailed Syllabus:

Modul	Unit	Content	Hr	
e				
Ι	Introduction To Active Aging			
	1	Process of Aging, Theories of Aging - Biological-Psychological- Sociological Theories	3	
	2	Importance of staying active in the elderly years.	2	
	3	Factors affecting aging: Hereditary - Environment- Abiotic - Biotic - Socioeconomic	3	
	4	Aging : Types & Phases	2	
II	Concept of Recreation			
	5	Recreation- Principles, Importance, Characteristics	3	
	6	Classification of recreational Activities : Active - Passive ,Closed - Open, Psycho - social, Indoor-outdoor Activities	3	
	7	Tailoring need specific Recreational programmes for the elderly	2	
	8	Modern trends in recreation.	2	
III	Geriatric Recreational Activities			

	9	Elderly Recreation Programme - General Guidelines and Planning	2		
	10	Benefits of Geriatric Recreation - Physical - Psychological- Social - Emotional	2		
	11 Major Domains of Geriatric Recreation : Physical Activities- Men Stimulation Activities- Social Activities - Creative Pursuits Psycho - Social.				
	12	Therapeutic Recreation : Benefits-Types	2		
IV	Recr	creation Management			
	13	Organization and Implementation Strategies: Organization - supervision, promotion and evaluation of recreation programs	2		
	14	Designing Recreational Facilities	2		
	15	Camp operation program: Organization - objectives- Types of Camping	2		
	16	Safety Practices in Geriatric Recreation	2		
V	Open Ended Module - Designing Specific Recreational Programmes for Elderly				
	17	Assignment: Design specific programmes for various categories			
		Maintain a personal health and daily activity record	9		
		Group Assignment: Organize one day recreational programme in the neighbourhood old age home			

References

- 1. Mitchell.J., (2017), Growing Older: Phases of Aging and Your Mind: What You Need to Know, Kindle Edition.
- Timonen. V., (2016), Beyond Successful and Active Ageing; A Theory of Model Ageing, Ist Edition, Kindle Edition.
- 3. Richeson.E.N., Kemeny.B., (2019),, Recreational Therapy for Older Adults, Policy Press.
- 4. Paul, M., (2016), Fun day for care centers; Publisher Calgary, Alberta.

5. Nicola, V., (2020), Physical Activity and Function in the Elderly, Nova Science Publishers, Incorporated.

6. Gibson, H., Singleton, J., (2011), Leisure and Aging: Theory and Practice, Human Kinetics.

	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO 1	3	1	1	-	2	2	-
CO 2	3	1	3	-	1	2	2
CO 3	3	2	2	_	2	2	1
CO 4	1	3	3	2	3	3	2
CO 5	2	3	3	2	3	3	2

Mapping of COs with **PSOs** and POs :

Correlation Levels:

Leve l	Correlation	
-	Nil	
1	Slightly / Low	
2	Moderate / Medium	
3	Substantial / High	

Assessment Rubrics:

- Quiz / Assignment/ Quiz/ Discussion / Seminar
- Midterm Exam
- Final Exam (70%)

Mapping of COs to Assessment Rubrics :

	Internal Exam	Assignment	Project Evaluation	End Semester Examinations
CO 1	~			✓
CO 2	~			1
CO 3	1			V
CO 4		1		1
CO 5		1		1
CO 6			<i>✓</i>	

II Semester CUFYUGP Degree Examination

RECREATIONAL ACTIVITIES FOR THE ELDERLY

Course Code:

Credits:3)

Maximum Time: 1.5 Hours

Maximum Marks: 50

Section A

Answer Any Eight Questions. Each question carries marks.

- 1. Define the process of Aging.
- 2. Explain the Biotic factors affecting Aging.
- 3. Define the concept of Recreation.
- 4. Explain Psycho-Social form of Recreational Activities.
- 5. Describe the concept of Geriatric Recreation?
- 6. List down the types of Therapeutic Recreation.
- 7. What are the different types of camping?
- 8. Write a short note on the Safety Practices in Geriatric Recreation.
- 9. Recreational Facility Design
- 10. Physiological Benefits of Geriatric Recreation

(8 x 2 = 16 Marks)

Section B

Answer Any Four Questions. Each question carries 6 marks.

- 11. Explain the Factors Affecting Aging.
- 12. Elaborate on Modern Trends in Recreation.
- 13. Explain about the major domains of Geriatric Recreation.
- 14. Describe the organization and implementation of Recreational Programs
- 15. Describe the Various Phases of Aging.

 $(4 \times 6 = 24 \text{ Marks})$

Section C

Answer Any Two Questions. Each question carries 10 marks.

- 16. Explain various theories of Aging.
- 17. Give a detailed description about the general guidelines in planning elderly recreation programme.

 $(1 \times 10 = 10 \text{ Marks})$



CALICUT UNIVERSITY – FOUR-YEAR UNDER GRADUATE PROGRAMME (CU-FYUGP)

Physical Education (Fitness Management & Personal Training)

PROGRAMME OUTCOMES (PO):

At the end of the graduate program (Fitness Management & Personal Training) at Calicut University, a student would:

PO 1	Demonstrate a profound understanding of knowledge trends and their impact on the chosen discipline of study.
PO 2	Demonstrate professional skills to navigate diverse career paths with confidence and adaptability.
PO 3	Demonstrate mastery of varied digital and technological tools to understand and interact with the digital world, thus effectively processing complex information.
PO 4	Become a successful professional who drives positive change through effective communication, collaborative acumen, transformative leadership, and a dedication to inclusivity.
PO 5	Emerge as an innovative problem-solver and impactful mediator, applying scientific understanding and critical thinking to address challenges and advance sustainable solutions.
PO 6	Become a responsible leader, characterized by an unwavering commitment to human values, ethical conduct, and a fervent dedication to the well-being of society and the environment
PO 7	Emerge as an innovative researcher and entrepreneurial leader, leveraging collaborative partnerships with industry, academia, and communities, thus contributing to local, regional, and global development

Programme	Physical Educa	tion					
Course Code							
Course Title	FITNESS MAN	NAGEMENT .	AND PERSO	NAL TRAININ	NG		
Type of Course	SKILL ENHAN	NCEMENT C	OURSE (1)				
Semester	V						
Academic Level	300 – 399	300 - 399					
Course Details	Credit	Lecture per week	Tutorial per week	Practical Hours	Total Hours		
	3	3	-	9	45		
Pre-requisites							
Course	Fitness management involves setting and achieving fitness goals						
Summary	creating persor	nalised trainin	g plans and	maintain heal	thy life style,		

personal training involves a professional trainer to guide and motivate					
individuals through structured exercises routines, ensuring proper form					
and intensity. Both aspects seeking optimise physical wellbeing of					
individuals.					

Course Outcomes (CO):

CO	CO Statement	Cognitive Level*	Knowledge Category#	Evaluation Tools used			
CO 1	To understand the concept of physical fitness.	U	C	Instructor-created exams / Quiz			
CO 2	To familiarise and understand the key concepts in Physiology and Kinesiology, for designing and imparting fitness training.	U	С	Assignment / created exams / Quiz			
CO 3	To develop knowledge about different training methods and principles of training.	Ар	F	Seminar Presentation/Discussion/Group Tutorial work			
CO 4	Develop skills in creating effective and personal training routines based on individual goals and fitness level	Ар	Р	Practical Assignment / Observation of Practical Skills			
CO 5	To equip with skills for imparting knowledge to the society regarding Physical Fitness	U	Р	Assessment and evaluation			
# - Fa	* - Remember (R), Understand (U), Apply (Ap), Analyse (An), Evaluate (E), Create (C) # - Factual Knowledge(F) Conceptual Knowledge (C) Procedural Knowledge (P) Metacognitive Knowledge (M)						
Detail	ed Syllabus:						

Modul	Unit	Content	Hr				
e			s				
Ι		Concept of Physical Fitness					
	1	Basic Concept of Fitness & Training	1				
	2	Types of Physical Fitness-HRPF and PRPF	2				
	3	Components of Physical Fitness,	2				
	4	Methods of Developing Physical Fitness components	3				
II		Exercise Physiology and Kinesiology	10				
	5	Introduction to Physiology and exercise Physiology	2				
	6	Types muscles and muscle contraction- Isotonic Contraction, Isometric	3				
		Contraction and Isokinetic Contraction,					
	7	Effect of exercise on Muscular system,	2				

	8	Basic concepts of Kinesiology and Auxiliary Movements.	3			
III		Training Methods	9			
	9	Aim and Principles of Training,	2			
	10 Training-Load, Recovery and overload					
	11	Importance of warm up and cooling down exercises	1			
	12	Training Methods- Weight Training, Circuit Training, Plyometric	3			
		Training, Cross Training, Core Exercises.				
	13	Aerobic and Anaerobic Training	1			
IV		Personal Training	9			
	14	Effective communication and motivational strategies for client	1			
		engagement,				
	15	Personal training for different gender and age group	2			
	16	Creating personalised training as per client needs	2			
	17	Introduction of various Fitness equipment's and exercises	2			
	18	Client Fitness progress and evaluation.	2			
V		Open ended Module	9			
		Exercise Interventions for personal Training				

Mapping of COs with POs :

	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO 1	3	1	-	-	1	1	-
CO 2	2	2	1	1	2	-	-
CO 3	3	2	1	2	1	1	1
CO 4	1	2	3	2	1	1	1
CO 5	2	3	2	1	-	2	-

Correlation Levels:

Leve l	Correlation
-	Nil
1	Slightly / Low
2	Moderate / Medium
3	Substantial / High

Assessment Rubrics:

- Quiz / Assignment/ Quiz/ Discussion / Seminar
- Midterm Exam
- Final Exam (70%)

Mapping of COs to Assessment Rubrics:

	Internal Exam	Assignment	Discussio n	Seminar	Quiz	End Semester Examinations
CO 1	~	\checkmark		~	✓	✓
CO 2	~	✓			\checkmark	✓
CO 3		\checkmark	✓	~		\checkmark
CO 4	-	\checkmark	~			✓
CO 5		✓			\checkmark	\checkmark
CO 6						

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Model Question Paper

Fitness Management and Personal Training (FMPT03)

Time.1.5 hrs

Maximum Marks: 50

Section A

Answer any 8 questions. Each question Carries 2 Marks (16 marks)

- 1. Identify the term Physical Fitness?
- 2. Enumerate the Characteristics of skeletal muscle
- 3. Classify the types of Strength
- 4. Describe Aerobic Capacity?
- 5. Prepare the Concept of 1 RM?
- 6. Components of HRPF
- 7. Define training Load?
- 8. Discuss the term Kinesiology?
- 9. Illustrate the concept of personal Training?
- 10. Define Exercise Physiology?

Section B

Answer any 4 questions. Each question Carries 6 Marks (24 marks)

- 11. Explain the components of Physical Fitness?
- 12. Any two Methods of evaluating client physical fitness
- 13. Explain how to occur overload?
- 14. Analyse the importance of Weight training for developing Physical Fitness?
- 15. Judge the importance of cooing down exercise?

Section C

Answer any one questions. Each question Carries 10 Marks (10 marks)

- 16. Differentiate the various Methods for developing Physical Fitness?
- 17. Summarize any 5 types of fitness equipment and its effects on our body



CALICUT UNIVERSITY – FOUR-YEAR UNDER GRADUATE PROGRAMME (CU-FYUGP)

Physical Education – FIRST AID AND BASIC LIFE SKILL SUPPORT

PROGRAMME OUTCOMES (PO):

At the end of the graduate program at Calicut University, a student would:

PO 1	Demonstrate a profound understanding of knowledge trends and their impact on the chosen discipline of study.
PO 2	Demonstrate professional skills to navigate diverse career paths with confidence and adaptability.
PO 3	Demonstrate mastery of varied digital and technological tools to understand and interact with the digital world, thus effectively processing complex information.
PO 4	Become a successful professional who drives positive change through effective communication, collaborative acumen, transformative leadership, and a dedication to inclusivity.
PO 5	Emerge as an innovative problem-solver and impactful mediator, applying scientific understanding and critical thinking to address challenges and advance sustainable solutions.
PO 6	Become a responsible leader, characterized by an unwavering commitment to human values, ethical conduct, and a fervent dedication to the well-being of society and the environment
PO 7	Emerge as an innovative researcher and entrepreneurial leader, leveraging collaborative partnerships with industry, academia, and communities, thus contributing to local, regional, and global development

Programme	Physical Educa	tion						
Course Code								
Course Title	FIRST AID AN	ND BASIC LI	FE SKILL SU	PPORT				
Type of Course	SKILL ENHAG	CEMENT CO	URSE (2)					
Semester	V							
Academic Level	300 - 399							
Course Details	Credit	Lecture per	Tutorial	Practical	Total Hours			
		week	per week	Hours				
	3	3	-	9	45			
Pre-requisites								
Course	This will give a	This will give an awareness about physical and physiological aspects of						
Summary	human body. It also gives an in depth knowledge of injuries and its							
	management.	nanagement. Is also gives confidence to the students to handle						
	emergency situ	ation.						

Course Outcomes (CO):

СО	CO Statement	Cognitive Level*	Knowledge Category#	Evaluation Tools used		
CO 1	To Gain an appreciation for the significance of First Aid in emergency situations.	U	С	Instructor-created exams / Quiz		
CO 2	To Acquire comprehension of the physical and physiological processes of the human body.	U	С	Assignment / created exams / Quiz		
CO 3	To Obtain knowledge pertaining to various types of injuries and their appropriate management techniques.	Ар	F	Seminar Presentation/Group Tutorial work		
CO 4	To Develop proficiency in administering Basic Life Support (BLS) to individuals in need	Ар	Р	Practical Assignment / Observation of Practical Skills		
CO 5	To Demonstrate the proper methods for safely transporting injured individuals to medical facilities or care centers.	Ар	Р	Assessment and evaluation		
# - Fa	 * - Remember (R), Understand (U), Apply (Ap), Analyse (An), Evaluate (E), Create (C) # - Factual Knowledge(F) Conceptual Knowledge (C) Procedural Knowledge (P) Metacognitive Knowledge (M) 					

.

Detailed Syllabus:

Modul	Unit	Content	Hr			
е			S			
		Understanding First Aid Principles, Anatomy, and Physiology	8			
	1	First Aid - Meaning and Definition				
		Aim and Objectives				
Ι	2	Principles of Fist Aid, First Aid Kit	1			
	3	Types of Muscles, Muscle Contraction	2			
	4	Bones and Joints - Types, Structural and Classifications	4			
		Physiology of Circulation, Respiration				
		INJURIES AND MANAGEMENT	10			
	5	Injuries and Types	1			
		Skin Injuries				
II	6	Soft Tissue Injuries	2			
		Sprain Types - First Aid and Management				
		Strain Types - First Aid and Management				
	7	Dislocation, Fracture, Spinal Injuries, Types First Aid and Management	3			
	8	Head Injuries and Internal Injuries	4			
		BASIC LIFE SUPPORT SYSTEM	9			
	9	Nose Bleeding, Shock, Drowning-First Aid and Management	2			
	10	Snake Bite, Insects Bite, Animal Bite- First Aid and Management	2			

III	11	CPR	1
	12	Tapping for Sprain, Strain, Dislocation, Fracture	3
	13	Transporting Injured Person	1
		INJURY REHABILITATION	9
	14	Ice Application (Cyrotherapy), Contrast bath, Paraffin Wax	2
IV	15	Infrared, Ultra Sound, TENS	1
	16	Laser Short Wave Diathermy	2
	17	Physical Therapy - (Own body, Medicine balls, With weight, Therabands)	4
		Open ended Module	9
V	18	Practical Demontration by experts, seminar, etc	6
	19	Tapping for Soft Tissue Injuries	1
	20	Tapping for Fracture Dislocation	1
	21	Transportation of a suspected Spinal Injured Athlete/ Person	1

Mapping of COs with PSOs and POs :

	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO 1	1	1	2	2	3	2	1
CO 2	2	2	1	2	3	1	2
CO 3	1	2	2	3	3	2	1
CO 4	1	2	2	1	2	1	2
CO 5	1	2	3	1	2	2	2

Correlation Levels:

Leve l	Correlation
-	Nil
1	Slightly / Low
2	Moderate / Medium
3	Substantial / High

Assessment Rubrics:

- Quiz / Assignment/ Quiz/ Discussion / Seminar
- Midterm Exam
- Final Exam (70%)

Mapping of COs to Assessment Rubrics :

	Internal Exam	Assignment	Project Evaluation	End Semester Examinations
CO 1	~			1
CO 2	1			J
CO 3	V			J
CO 4		1		,
CO 5		1		,
CO 6			~	

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- 2. American Academy of Orthopaedic Surgeons (AAOS). (2020). Emergency First Aid: Recognition and Response to Medical Emergencies. Jones & Bartlett Learning.
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Model Question Paper Course Code: SEC-2 First Aid and Basic Life Skill Support

Time : 1.5 Hrs

Mark: 50

Answer all questions. Each question caries 2 marks Ceiling 16 Marks

- 1. Define Green stick fractures.
- 2. Elaborate Isotonic contractions
- 3. Define T.E.N.S
- 4. Explain Front Bite
- 5. Define Subluxations
- 6. Define Skeletal muscles
- 7. Define Synovial joint
- 8. Elaborate Contusion
- 9. Explain Closed injuries
- 10. Define Incision

Section B

Answer all questions. Each question carries 6 marks.

Ceiling 24 Marks

- 11. Explain muscular injuries? First Aid and its management
- 12. Discuss fractures, types, and its management.
- 13. Analyze skin injuries.
- 14. Examine head injuries.
- 15. Critically evaluate dislocations and its management.

Section C

Answer any one question. Each question carries 10 marks

- 16. Explain the steps involved in performing CPR. Discuss the importance of CPR in saving lives during cardiac arrest and the proper techniques for administering CPR to adults, children, and infants.
- 17. Describe various rehabilitation techniques used to help individuals recover from injuries or medical conditions.



CALICUT UNIVERSITY – FOUR-YEAR UNDER GRADUATE PROGRAMME (CU-FYUGP)

PHYSICAL EDUCATION (SEC)

PROGRAMME OUTCOMES (PO):

At the end of the graduate program at Calicut University, a student would:

PO 1	Demonstrate a profound understanding of knowledge trends and their impact on the chosen discipline of study.						
PO 2	Demonstr	ate professional skills to na	vigate diverse o	career paths with	n confidence and	adaptability.	
PO 3		ate mastery of varied digita is effectively processing co			derstand and inte	eract with the digital	
PO 4		successful professional white acumen, transformative				munication,	
PO 5		s an innovative problem-sol inking to address challenge				understanding and	
PO 6	conduct, a	responsible leader, charact and a fervent dedication to t	he well-being c	of society and th	e environment		
PO 7		s an innovative researcher a stry, academia, and commu					
Program	nme	Physical Education	Physical Education				
Course	Code						
Course	Title	PHYSICAL FITNESS AND EXERCISE PRESCRIPTION					
Type of	Course	SKILL ENHANCEMENT COURSE (3)					
Semest	er	V					
Acaden Level	nic	300 – 399					
Course	Details	Credit	Lecture per week	Tutorial per week	Practical per week	Total Hours	
		3	3	-	-	45	
Pre-req	uisites						
Course							
Summa	ry						

Course Outcomes (CO):

СО	CO Statement	Cognitive Level*	Knowledge Category#	Evaluation Tools used
CO 1	Understand the physical fitness ,its components and types	U	F	Instructor-created exams / Quiz
CO 2	Analyze individuals	AN	Р	Practical Assignment /

	fitness and assessment of the fitness level and techniques			Observation of Practical Skills
CO 3	Demonstrate proficiency in various fitness assessment techniques	AP	Р	Seminar Presentation / Group Tutorial Work
CO 4	To design safe and effective workout programs and to develop the ability to modify exercise prescriptions for individuals with specific health considerations.	U	Р	Instructor-created exams / Home Assignments/Practical Assignment
CO 5	Recognize the importance of lifestyle factors, nutrition, and mental well-being in overall fitness.	U	С	Practical Assignment / Observation of Practical Skills
# - Fac	nember (R), Understand (tual Knowledge(F) Conc ognitive Knowledge (M)			

Detailed Syllabus:

Module	Unit	Content	Hrs
Ι		Physical fitness and Assessment	10
	1	Definition & importance of physical fitness , type of physical	5
		fitness and components of physical fitness	
		Benefits of regular physical activity	2
		Body composition assessment, Cardiovascular fitness testing,	3
		Muscular strength ,endurance and flexibility assessment	
II		Principles of Exercise Prescription	9
	5	Frequency, intensity, time, and type (FITT) principles	2
	6	Progressive overload and specificity	2
	7	Individualization of exercise programs	2
	8	Exercise for special populations -Elderly, pregnant and differently	3
	9	abled individuals, person with chronic health conditions	
111		Designing Exercise Programs	11
	10	Developing aerobic and anaerobic workouts	2
	11	Resistance training program design	2
	12	Flexibility and core training	2
	13	Injury prevention and management	2
	14	Nutrition and Fitness-Basics of nutrition for physical activity	3
IV		Ethics and Professionalism	6
	17	Code of ethics for exercise professionals	2

	18	Legal considerations and responsibilities	2
	19	Continuing education and professional development	2
V		Open ended Module-Preparation of Exercise programme	9
	Task:	-	
	Cardio	ovascular exercise	
	Streng	gth training	
	High	Intensity interval Training (HIIT	
	Out door ativities –Hiking, rock climbing ,trail running		
	sports and games participation- Soccer, basketball, Tennis		
	Dance classes-Zumba,Hiphop		
	Martia	al arts –Karate,Taekwondo,Kalari	

Reference

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- 3. Resource For the personal Trainer American College of sports Medicine (ACSAM) Date 01/01/2013
- 4. Foundation of Strength Trainging and Conditioning. American College of sports Medicine (ACSM) 05/02/2013
- 5. Health related Physical fitness assessment American college of Sports Medicine (ACSM)
- 6. Resource Manual for Guidelines fo exercise testing and prescription. American College of Sports Medicine. (ACSM) Staff Dul-e 20/02/2013
- 7. Advance Fitness Assessment and Exercise Prescription -Human Kinetics An Employee owned Company.
- 8. Guidelines for Exercise Testing and Prescription. Eleventh Edition April 8,2021
- 9. Advanced Fitness Assessment and Prescription, Vivan H Heyward Ann L Gibson 2018
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- 11. ACSM S Exercise and Priscription, American College of Sports Medicine, Wolters Kluwer Health 2017
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Mapping of COs with POs :

	PO1	PO2	PO3	PO4	PO5	PO6
CO 1	3	1	2	-	2	2
CO 2	3	2	2	3	3	2
CO 3	2	3	3	2	2	1
CO 4	2	2	2	1	2	3
CO 5	3	2	2	1	2	2

Correlation Levels:

Leve l	Correlation
-	Nil
1	Slightly / Low
2	Moderate / Medium
3	Substantial / High

Assessment Rubrics:

- Quiz / Assignment/ Quiz/ Discussion / Seminar
- Midterm Exam
- Final Exam (70%)

Mapping of COs to Assessment Rubrics :

	Internal Exam	Assignmen t	Quiz/Debate	Project Evaluation	End Semester Examinations
CO 1	1				~
CO 2	\$				✓
CO 3	1		V		✓
CO 4	J	<i>√</i>	V		✓
CO 5	1	\$	1		<i>√</i>

V Semester CUFYUGP Degree Examinations

Course Code:

PHYSICAL FITNESS AND EXERCISE PRESCRIPTION

(Credits: 3)

Maximum Time: 1.5 hours

Maximum Marks: 50

Section A

[Answer any 8 questions . Each question carries 2 marks]

(Ceiling: 16 marks)

- 1. Define Physical Fitness
- 2. Describe Flexibility
- 3. Differentiate aerobic and anaerobic exercise?
- 4. Expand the acronym FITT
- 5. Enumerate the benefits of cardiovascular exercise?
- 6. Elaborate BMI
- 7. Explain muscular Endurance
- 8. Connect Calorie with food
- 9. Specify the term overload in exercise prescription ?
- 10. Explain resistance training?
- 11. Enlist the benefits of warming up ?

Section **B**

[Answer any four questions All. Each question carries 6 marks] (Ceiling: 24 marks)

- 12. Explain the components of physical fitness and how each component contribute to overall health and well-being ?
- 13. Discuss the principles of exercise prescription and how they can be applied to design effective workout programme ?
- 14. Describe the FITT principle and its importance in creating personalized exercise regimens
- 15. Evaluate the importance of proper warming up and cool-down routines in preventing sports injuries.
- 16. Discuss the role of nutrition in supporting physical fitness goals and exercise performance
- 17. Discuss the role of a certified fitness professional in guiding individuals towards achieving their fitness goal safely and effectively

Section C

[Answer any one.	Each question	carries 10 marks]	(1x10=10 marks)

- 18. Explain the principles of exercise prescription and their application in designing effective workout routines. How do intensity ,duration, frequency and specificity influence the outcomes of an exercise programme
- 19. Evaluate the role of technology in enhancing physical fitness and exercise prescription .How can wearable devices ,fitness app, and virtual coaching platforms be utilized to monitor progress, provide feedback and optimize training outcomes?