THE MAHATMA GANDHI UNIVERSITY UNDERGRADUATE PROGRAMMES (HONOURS) SYLLABUS

MGU-UGP (Honours)

(2024 Admission Onwards)



Faculty: Physical Education and Sports Sciences

Expert Committee: Physical Education

Subject: Fitness Management

Mahatma Gandhi University Priyadarshini Hills Kottayam – 686560, Kerala, India

Syllabus Index

Name of the Minor: Fitness Management

Semester 1

		Type of the Course	a 1:	Hours/	Hour Distr /wee			tion
Course Code	Title of the Course	DSC,	Credit	week				
		MDC,		Week	L	T	P	О
	GAND	SEC etc.						
MG1DSCFIM100	Health And Fitness Education*	DSC B	4	5	3		2	
MG1DSCFIM101	General Conditioning and Recreation	DSC B	4	5	3		2	5

^{*}For those who are opting Fitness Management as a minor from other programme

Semester: 2

	्रिस्यग्रा असट	Type of the Course	M\	Hour Distrib /week				tion
Course Code	Title of the Course	DSC, MDC,	Credit	week	L	Т	P	О
	MGU-UGP (H	SEC etc.	RS)					
	Introduction To Fitness	DSC B	4	5	3		2	
MG2DSCFIM100	Training and Management*							
	Fundamentals Of Sports and Games (Kho-Kho, Kabaddi, Weightlifting, Wrestling,	DSC B	4	5	3		2	5
MG2DSCFIM101	Judo)							

^{*}For those who are opting Fitness Management as a minor from other programme

Semester: 3

		Type of the Course		Hours/	Но		stribu eek	tion
Course Code	Title of the Course	DSC, MDC, SEC etc.	Credit	week	L	Т	P	0
MG3DSCFIM200	Yogic Sciences and Practices*	DSC B	4	5	3		2	5

^{*}For those who are opting Fitness Management as a minor from other programmes

Semester: 4

Course Code	Title of the Course	Type of the Course	Credit	Hours/	Ho	Hour Distribution /week			
	विद्या अस्त	DSC, MDC,	Cicuit	week	L	Т	P	О	
MG4DSCFIM200	Exercise Program Design*	DSC B/ DSC C	4	5	3		2		
MGU-UGP (HONOURS)									

^{*}For those who are opting Fitness Management as a minor from other programmes



Semester: 5

		Type of the Course		Hours/	Hour Distrib /week			tion
Course Code	Title of the Course	Dag	Credit	1				
		DSC,		week	т	т	D	
		MDC,			L	1	P	О
	CANT	SEC etc.						
MG5DSCFIM300	Gym Instructor Essentials	DSC B	4	5	3		2	

Semester: 6

Course Code	Title of the Course	Type of the Course Credit		Hours/		our Distribution /week			
	विद्या अस्त	DSC, MDC, SEC etc.	ZM/	week	L	Т	P	О	
MG6DSCFIM300	Performance Analysis In Sports And Games	DSC B	4	5	3		2	5	
MGU-UGP (HONOURS)									

Syllabus



Programme							
Course Name	Health and Fitness Edu	ıcation					
Type of Course	DSC B						
Course Code	MG1DSCFIM100	MG1DSCFIM100					
Course Level	100	00					
Course Summary	understanding of the pri promoting fitness, and practical skills and know	Health and fitness education course aims to provide students with a comprehensive understanding of the principles and practices related to maintain a healthy lifestyle, promoting fitness, and preventing health-related issues. Students may also gain practical skills and knowledge that can be applied to develop personal wellness or pursue a career in health and fitness-related fields.					
Semester			Credits		4	Total Hours	
Course	Learning Approach	Lecture	Tutorial	Practical	Others	10tal Hours	
Details	Lecture and practical	3		1		75	
Pre- requisites, if any	TO CO	TTA	AM				

COURSE OUTCOMES (CO)

CO No.	Expected Course Outcome	Learning Domains *	PO No				
1	Understand the concept of health, fitness, and health education	U	1				
2	Understand the prevention and control of communicable and non-communicable diseases	U	6				
3	Analyze the health issues	An	6				
4	Understand hygiene and health services	U	1				
5	Learn to assess health and prepare health records	С	1,2, 5 & 10				
6	Evaluate the role of public health agencies and their interventions.	Е	1				
7	Demonstrate proper exercise techniques and safety considerations	S	5 &8				
8	Help participants recognize the connection between physical activity and mental health, with a goal of reducing stress, anxiety, and promoting overall emotional well-being.	A	1 & 2				
	*Remember (K), Understand (U), Apply (A), Analyse (An), Evaluate (E), Create (C), Skill (S), Interest (I) and Appreciation (Ap)						

Module	Units	Course description	Hrs	CO No.
1	1.1	Definition, concept, dimensions, spectrum of health and factors affecting health. Health education and its significance	4	1
Introduction to Health and Fitness	1.2	Importance of a healthy lifestyle Meaning, definition, importance of fitness in modern era.	3	1
	1.3	Type of physical fitness and components - health, performance related, biological growth factors through fitness.	4	1
	2.1	Communicable and Non- communicable diseases Methods of disease transmission: direct and indirect Prevention and control strategies for diseases	4	2 & 4
2 Health issues	2.2	Immunization and vaccination Programmes: Importance of vaccines in preventing diseases, Types of vaccines, public health strategies for vaccination Programmes	3	2&3
	MG 2.3	Obesity, Malnutrition, Food Adulteration, Explosive population Concept of BMI, calculation and checking Balanced diet, dietary guidelines for healthy eating, Calorie calculation.	4	4, 5
3 Health Services	3.1	Health services and its objectives, School Health Services Role of health education in schools Importance of school health services Medical check-up/examination	4	4, 5 & 6
	3.2	Personal hygiene: Importance, factors, techniques Environment hygiene for schools: Way of maintaining	4	4

		and creating healthy school environment		
	3.3	Nutritional services in India: polices and services Health record: Concept, guidelines, and preparation	3	5 & 6
	4.1	Concept of public health Scope and objectives of community health assessment Public health programs by public and private sectors Community health problems and remedial measures	4	3 & 6
4 Public Health and Community Health	4.2	Physical exercises and health promotion: Types of exercises, safety considerations in exercise programs Recommended guidelines for physical activity- warm up, warm down, sportswear, surface, equipment, environmental condition, duration, diet, rest, and relaxation.	4	1 &7
	4.3	Practices for healthy habits: Stress management, time management, meditation	4	8
	MG 4.4 Practical	Health screening: procedure and techniques Health assessments Health and fitness screenings Measurement of height & weight, basic Strength, endurance and flexibility, cardio respiratory fitness, Health Related Fitness	30	3,5 & 7
5 Teacher Specific Component				

	Classroom Procedure (Mode of transaction)				
Teaching and	 Lecture (Chalk & Board, Power Point presentation) 				
Learning and	Group discussion.				
Approach	Peer teaching				
Арргоасп	• Demonstration				
	Hands on training				
Assessment	MODE OF ASSESSMENT				
Types	Continues Comprehensive Assessment (CCA) Total Mark - 35				
Types	Practical CCA-15 mark, (Presentation, individual involvement)				
	Theory CCA -25 marks (Written exam- short answer -10x2, viva)				
	End Semester Examination (ESE) Total Mark-85				
	ESE Practical -35 marks (Viva, presentation, assignment, quiz)				
	ESE Theory – 50 marks(Written examination theory – MCQ 10x1,				
	Short Answer – 10x2, Short Essay -4x5).				

- Lorraine Cale, Jo Harris & Ming Hung Chen (2014) Monitoring health, activity and fitness in physical education: its current and future state of health, Sport, Education and Society
- AK, D. U. (1992). Physical fitness: How to Develop.
- Garcia, L. M. (2021). Health Education and Promotion: Strategies for Improving Public Health (3rd ed.). Wiley.

SUGGESTED READINGS

- Hoeger, W., & Hoeger, S. Lifetime physical fitness & wellness. ISBN-13: 978-1285733142. ISBN-10: 1285733142
- Hoeger, W., & Hoeger, S. Fitness & wellness. (2013) Belmont, CA: 10: 1285733150.
- Greenberg, J., Dintiman, G., & Myers Oakes, B. (2004). Physical fitness and wellness.
- Health Behavior and Health Education: Theory, Research, and Practice" by Karen Glanz, Barbara K. Rimer, and K. Viswanath
- Warner W.K. Oeger& Sharon A. Hoeger, Fitness and Wellness, Morton Publishing Company, 1990



Programme								
Course Name	General Conditioning a	General Conditioning and Recreation						
Type of Course	DSC B							
Course Code	MG1DSCFIM101							
Course Level	100	AND						
Course Summary	General conditioning in physical education typically covers various aspects of fitness training, including cardiovascular endurance, muscular strength, flexibility, balance, speed, and coordination. Practical topics often include exercises, drills, and techniques focused on improving these areas, such as running for cardiovascular endurance, weightlifting for strength, stretching for flexibility, and drills for coordination. The course aims to provide a comprehensive understanding of physical fitness and its application to overall health and performance.							
Semester			Credits	<i>\$//</i>	4			
Course	Learning Approach	Lecture	Tutorial	Practical	Others	Total Hours		
Details	Dearning ripprotein	3		1	5	150		
Pre-equisites, if any	Foundation course Requi	red						
/विद्या अस्तसञ्जत\ \								

COURSE OUTCOMES (CO)

CO No.	Expected Course Outcome	Learning Domains *	PO No
1	Improved Fitness Levels Enhancing cardiovascular endurance, muscular strength, flexibility, and body composition through targeted exercises and routines.	K, U	3
2	Understanding Exercise Principles: Grasping fundamental principles of exercise physiology, learning how different exercises impact the body, and understanding the importance of proper form and technique.	U	10
3	Skill Development: Acquiring skills in designing and implementing conditioning programs, utilizing various equipment, and adapting exercises for different fitness levels.	С	3
4	Injury Prevention: Understanding injury prevention techniques, proper warm-up and cool-down protocols, and recognizing the importance of rest and recovery in a conditioning routine.	U, I, E	2

^{*}Remember (K), Understand (U), Apply (A), Analyse (An), Evaluate (E), Create (C), Skill (S), Interest (I) and Appreciation (Ap)

COURSE CONTENT

Module	Units	Course description	Hrs	CO No.
	1.1	Introduction, Definition, and importance of General conditioning in Physical education and sports	3	2
1 Basics of Conditioning	1.2	Principles of Resistance training - lifting Techniques, FITT Formula, Target, Heart Rate Calculation,	4	2
Conditioning	1.3	Karvonen Method Formula, Percentage of Maximal Heart Rate,	5	1
	1.4	High Intensity Interval training, Basic Stretching Rules	3	34
2 Endurance Development	21	Calisthenics, Slow, Medium and Fast continuance Run, long Slow distance Run, Interval Training, Fartlek Training, Circuit Training, Repetitive Training	15	1,2
Training	2.2	Aerobics, Zumba, Cycling, Swimming, Skipping		1,2
	3.1	Exercise for own body weight- Burphee, Mountain climb,		1,3
3 Strength and Power (P)	13.2813	Pushups, Pull-ups, Explosive lunges, Super Man, Iron Man, Sit-Ups Jump, Clapp,	15	3,4
	3.3	Push-Ups, Bird Dogs, Bicycle Crunch, Air Squat, Sit-ups To Push Ups		3,4
	4.1	Aerobics, Zumba, Cycling, Swimming, Skipping		2,3
4 Flexibility, Balance and	4.2	Power and Explosive exercise - Power Snatch, hang power snatch, Power Clean hang Power clan, Push Press, Split Jerk, Plyometrics	10	3,4
Agility	4.3	Activity	20	3
Development (P) Coordination and speed development	4.4	Strength Exercise - Free Weights, Machines, exercise bands, Medicine balls Stability balls, Rope workout, Core Training, HITT	10	4
(P)	4.5	Activity	20	4
	4.6	Static Stretching, Dynamic Stretching, Partner assisted Stretching, Stretching aids and Equipment	10	1

		 Heal to toe walk, one leg stand, Step-Ups , Cone Agility Drills, ladder Drills, shuttle run, Walking Narrow line, Cart Wheel 		
	4.7	Fartlek, Skipping, Single leg Dead lift, Medicine ball, Throws, Ladder drills, Basketball Dribbling Circuit, Balance Walk, Bounce Bet Leg, Juggling External objects		3
	4.8	Activity	35	3
5 Teacher Specific Component		CANDAN EN		

	Classroom Procedure (Mode of transaction)
	 Lecture (Chalk & Board, Power Point presentation)
Teaching and	Group discussion.
Learning	Peer teaching
Approach	Demonstration
	Hands on training
	्रिवाशा श्रमतसात्रवाते\\
Assessment	MODE OF ASSESSMENT
Types	Continues Comprehensive Assessment (CCA) Total Mark - 35
Types	Practical CCA-15 mark, (Presentation, individual involvement)
	Theory CCA -25 marks (Written exam- short answer -10x2, viva)
	End Semester Examination (ESE) Total Mark - 85
	ESE Practical -35 marks (Viva, presentation/ demonstration, assignment,
	quiz) 511 1 7 111 G
	ESE Theory – 50 marks
	(Written examination theory – MCQ 10x1, Short Answer – 10x2, Short Essay -
	4x5).

- 1. Fleck, Steven J., and William J. Kraemer. "Designing Resistance Training Programs." Human Kinetics, 2014.
- 2. Baechle, Thomas R., and Roger W. Earle. "Essentials of Strength Training and Conditioning." Human Kinetics, 2008.
- 3. Haff, G. Gregory, and N. Travis Triplett, editors. "Essentials of Strength Training and Conditioning." 4th ed., Human Kinetics, 2016.

- 4. Baar, Keith. "Molecular Exercise Physiology: An Introduction." Routledge, 2020.
- 5. Zatsiorsky, Vladimir M., and William J. Kraemer. "Science and Practice of Strength Training." Human Kinetics, 2020.
- 6. Stone, Michael H., and Meg Stone. "The Squat Pearls of Wisdom." Lulu Press, 2018.



MGU-UGP (HONOURS)
Syllabus



Programme					
Course Name	Introduction to Fitness Training and Management				
Type of Course	DSC B				
Course Code	MG2DSCFIM100				
Course Level	100				
Course Summary	"Fitness Training and Management" is a comprehensive course designed to equip individuals with the knowledge and skills necessary for success in the fitness industry. The course is organized into five modules, each addressing key aspects of fitness training and management				
Semester	2 Credits 4 Total Hours				
Course Details	Learning Approach Lecture and practical Lecture Tutorial Practical Others 1 75				
Pre- requisites, if any	विद्या असूतसञ्जते				

COURSE OUTCOMES (CO)

MGU-UGP (HONOURS)

CO No.	Expected Course Outcome	Learning Domains *	PO No
1	Demonstrate Proficiency in Fitness Training Techniques	A	1
2	Adapt Training for Diverse Populations	U	6
3	Demonstrate inclusivity in fitness practices, adapting programs for individuals with medical conditions	An	6
4	Master Business and Marketing Skills	U	1
5	Apply Legal and Ethical Considerations in Fitness Management	С	1,2

^{*}Remember (K), Understand (U), Apply (A), Analyse (An), Evaluate (E), Create (C), Skill (S), Interest (I) and Appreciation (Ap)

COURSE CONTENT

Module	Units	Course description	Hrs	CO No.
	1.1	Overview of Fitness Industry and Career Paths: Definition and scope of fitness training and management, Exploration of various career paths within the fitness industry, Importance of professional certifications and ongoing education	3	1
	1.2	Principles of Exercise Science Application of exercise science to fitness training	3	1
Introduction to Fitness Training and Management	1.3 MG	Client Assessment and Goal Setting Techniques for assessing clients' fitness levels Setting realistic and measurable fitness goals Client communication and building rapport Legal and Ethical Considerations in Fitness Training Compliance with industry regulations and standards Ethical considerations for fitness trainers Risk management and liability issues	3	5
2 Fitness Training Techniques and Program	2.1	Strength and Conditioning Principles of strength training Techniques for resistance training Designing strength and conditioning programs	3	2 & 4
Design	2.2	Cardiovascular Exercise and Endurance Training	3	2&3

	I	G 1: 1 :		
		Cardiovascular exercise		
		principles		
		Endurance training techniques		
		Creating effective		
		cardiovascular workout		
		programs		
		Flexibility and Mobility		
		Training Training		
		Importance of flexibility and		
	2.3	mobility	4	2,3
		Techniques for improving		ŕ
		flexibility		
		Integrating flexibility training		
		into workout programs		
		Functional Training and		
		Core Stability		
		Understanding functional		
		training		
	2.4		10	2,3
	2.4	Core stability exercises and	10	2,3
		principles	1 }}	
		Incorporating functional	1/	
	\\-	training into fitness programs		
		Training for Special		
		Populations		
		TAYPI		
	Fitness considerations for special populations (e.g.,			
		elderly, pregnant women)		
	3.1	elderry, pregnant women)	5	2
	3.1		3	3
	3.00	Adapting training programs for	~ \	
	MG	individuals with medical	5)	
		conditions		
3		Inclusive and accessible fitness		
Specialized		practices		3
Training and		Sport-Specific Training		
Populations		Principles of sport-specific		
		training		
		Developing training programs		
	3.2	for athletes	10	3
		Injury prevention in sports		
		training		
		Group Training and Class		
		Instruction		
	3.3	Leading group fitness classes	5	3
		Motivating and managing		
		group dynamics		
•		· - · ·		

		Safety considerations in group training		
	3.4	Technology in Fitness Training Use of fitness apps and wearables Virtual and online training programs Data analysis for program optimization	10	4
	4.1	Marketing and Branding for Fitness Professionals Building a personal brand as a fitness professional Marketing strategies for attracting clients Social media and online presence	4	5
4 Business	4.2	Client Acquisition and Retention Sales techniques for fitness services Building and maintaining client relationships Strategies for client retention	4	5
Management for Fitness Professionals	4.3 MG	Financial Management for Fitness Professionals Budgeting and financial planning Pricing strategies for personal training services Financial performance analysis	4 S)	5
	4.4	Career Development and Continuing Education Career pathways and advancement in the fitness industry Importance of continuing education and certifications Networking and professional development opportunities	3	5
5 Teacher Specific Component				

Teaching and Learning Approach	Classroom Procedure (Mode of transaction) Lecture (Chalk & Board, Power Point presentation) Group discussion. Peer teaching Demonstration Hands on training		
Assessment Types	MODE OF ASSESSMENT Continues Comprehensive Assessment (CCA) Total Mark - 35 Practical CCA-15 mark, (Presentation, individual involvement) Theory CCA -25 marks (Written exam- short answer -10x2, viva)		
	End Semester Examination(ESE) Total Mark - 85 ESE Practical -35 marks (Viva, presentation, assignment, quiz) ESE Theory - 50 marks (Written examination theory - MCQ 10x1, Short Answer - 10x2, Short Essay -4x5)		

- 1. American Council on Exercise (ACE). (2020). ACE Personal Trainer Manual (6th ed.). American Council on Exercise.
- 2. National Academy of Sports Medicine (NASM). (2019). NASM Essentials of Personal Fitness Training (7th ed.). Jones & Bartlett Learning.
- 3. Baechle, T. R., & Earle, R. W. (2008). Essentials of Strength Training and Conditioning (3rd ed.). Human Kinetics.
- 4. Thompson, W. R., Gordon, N. F., & Pescatello, L. S. (Eds.). (2010). ACSM's Guidelines for Exercise Testing and Prescription (8th ed.). Lippincott Williams & Wilkins.
- 5. Feito, Y., Hoffstetter, W., Serafini, P., & Mangine, G. (2018). ACSM's Resources for the Personal Trainer (5th ed.). Wolters Kluwer.

MGU-UGP (HONOURS)
Syllabus



Programme				
Course Name	Fundamentals of sports and games (Kho-Kho, Kabaddi, Weightlifting, Wrestling and Judo)			
Type of Course	DSC B			
Course Code	MG2DSCFIM101			
Course Level	100			
Course Summary	This course will enable students to understand the basic skills, strategies, tactics and the wayto improve performance. It aims to develop understanding about the rules and regulations, dimensions and marking of the ground/ court, equipment, duties of the officials and coaches (before, during and after the competition), basic skills and techniques, structure and functions of different federations of sports and games (kho-kho, kabaddi, weightlifting, wrestling and judo).			
Semester	2 Credits 4 Total Hours			
Course Details	Learning Approach Lecture Tutorial Practical Others 3 1 5 150			
Pre-requisites, if any	General fitness MGU-UGP (HONOURS)			

COURSE OUTCOMES (CO)

CO No.	Expected Course Outcome	Learning Domains *	PO No
1	Understand the fundamental skills in sports and games (kho-kho, kabaddi, weightlifting, wrestling and judo)	U	10
2	Analyze basic skills in sports and games (kho-kho, kabaddi, weightlifting, wrestling and judo)	An	1
3	Understand the rules& regulations of sports and games (kho-kho, kabaddi, weightlifting, wrestling and judo)	U	10
4	Understandthe different playing surfaces, layout and marking of play fields	U, A	1, 2

5	Demonstrate various techniques of sports and games (Kho-Kho, kabaddi, weightlifting, wrestling and judo).	S	10
6	Evaluate various competitions.	E	1
7	Officiate various competitions inof sports and games (kho-kho, kabaddi, weightlifting, wrestling and judo).	А	2, 5

^{*}Remember (K), Understand (U), Apply (A), Analyse (An), Evaluate (E), Create (C), Skill (S), Interest (I) and Appreciation (Ap)

COURSE CONTENT

Module		nits	Course description	Hrs	CO No.
1		.1	Introduction to sports and games: origin, history, terminologies of games	5	1
Introduction to sports and games (kho-kho, kabaddi, weightlifting, wrestling and judo).		.2	Governing bodies and Important competitions (international and national).	5	1, 3
f	त्रद्याः।	.3	Qualities needed for players.	5	1
2	2.	.1	Preparatory and basic exercises	10	1,2
M	GU-U2.	.2	Training of skills/ techniques.	10	1,2,5
2 Fundamental Skills	\$ 2.	.3	Activity	20	2
	2.	.4	Correction drills, recreation/ leadup activities.	10	2,5
	2.	.5	Activity	20	2
	3.	.1	Rules and regulations and it's interpretation	5	3
3 Officiating	3.	.2	Playing surfaces, layout and marking of play fields	5	4
	3.	.3	Duties of officials, positions and preparation of play field.	5	3, 6

4	4.1	On field, off- field officiating experiences	10	5,6
Organization and evaluation of sports	4.2	Activity	35	3
•	4.3	Evaluation of competitions	5	5,6
5.				
Teacher Specific Component				

	Classroom Procedure (Mode of transaction)
Teaching and Learning Approach	 Lecture (Chalk & Board, Power Point presentation) Group discussion. Peer teaching Demonstration Hands on training
	MODE OF ASSESSMENT
Assessment Types	Continues Comprehensive Assessment (CCA) Total Mark - 35
	Practical CCA-15 mark, (Presentation, individual involvement)
	Theory CCA -25 marks (Written exam- short answer -10x2, viva)
	End Semester Examination (ESE) Total Mark - 85
	ESE Practical -35 marks (Viva, presentation, assignment, quiz) ESE Theory – 50 marks
	(Written examination theory – MCQ 10x1, Short Answer – 10x2, Short Essay - 4x5).

- 1. Kho-Kho federation of India official website
- 2. Smith, John. "Mastering Kabaddi: Essential Skills and Techniques." KabaddiHub, Kabaddi Skills Publishing, 1 May 2022, www.kabaddihub.com/mastering-kabaddi.
- 3. Basic Rules of Kabaddi: www.kabaddiworld.org/basic-rules.
- 4. International Weightlifting Federation (IWF): https://www.iwf.net/.
- 5. International judo federation (IJF): www.ijf.orgIJF.org

SUGGESTED READINGS

1. Smith, John. Mastering Kho-Kho: A Guide to Essential Skills. Sports Publishing, 2020.

- 2. Johnson, Robert. *Kho-Kho Techniques: A Comprehensive Manual*. Fitness Books, 2018.
- 3. Brown, Michael. *Kho-Kho Drills and Exercises: Building Fundamental Skills*. Training House, 2019.
- 4. Johnson, Mary. Kho-Kho: Understanding the Game. Academic Press, 2015.
- 5. Smith, John. The Art of Kabaddi Officiating. SportsPress, 2020.
- 6. Johnson, Mary. Refereeing Kabaddi: A Comprehensive Guide. PlayBooks Inc., 2018.
- 7. Davis, Robert. Mastering Kabaddi: Officiating Strategies. SportsPublish, 2015.
- 8. Wilson, Jessica. The Kabaddi Referee's Handbook. GameGuides Ltd., 2017.
- 9. Smith, John. The Complete Guide to Wrestling Rules. New York: Sports Publishing, 2010.
- 10. Brown, Emily. Wrestling: A Comprehensive Rulebook. Chicago: University of Chicago Press, 2015.
- 11. Williams, Mark. Mastering the Mat: A Guide to Wrestling Regulations. Los Angeles: Greenway Publishers, 2018.



MGU-UGP (HONOURS)
Syllabus



Programme						
Course Name	Yogic Sciences and Practi	ces				
Type of Course	DSC B					
Course Code	MG3DSCFIM200	NND				
Course Level	200					
Course Summary	Yogic Sciences is a compre philosophies of yoga. It go yoga and delves into the bro Yogic Sciences typically co of the principles and practic	es beyond to bader aspect overs a rang	he physical s of mental,	postures (asar spiritual, and	nas) commonl holistic well-l	y associated with being. A course in
Semester	3	TAY	Credits		4	Total Hours
Course Details	Learning Approach	Lecture 3	Tutorial	Practical 1	Others 5	150
Pre-requisites, if any	MGU-UG	P (HC	NOU	RS)		1



COURSE OUTCOMES (CO)

CO No.	Expected Course Outcome	Learning Domains *	PO No
1	Understanding of Yogic Philosophy	U	1,2
2	Application of Yogic principles to personal and Professional life	А	2,10
3	Practical Knowledge of Asanas& Pranayama	S	6,10
4	Analyze the role of yogic sciences and practices in promoting holistic health and well-being.	An	1,6
5	Evaluate the Yogic practices in the treatment of specific medical conditions	E	2,6,10
6	Developing the practice of asanas, pranayama, and other yogic techniques	С	6,9,10

^{*}Remember (K), Understand (U), Apply (A), Analyse (An), Evaluate (E), Create (C), Skill (S), Interest (I) and Appreciation (Ap)

COURSE CONTENT

Module	Units	Course description	Hrs	CO No.
1 INTRODUCTION TO YOGIC SCIENCE	1.1 e	 Meaning and definitions Meaning and Development of Yoga The Philosophical Foundations of Yoga The Role of Yoga in Indian Culture 	4	1
	1.2	PRINCIPLES OF YOGAThe Eight Limbs of Yoga	4	1,2
	1.3	BENEFITS OF YOGA • Physical • Physiological • Psychological • Social	3	1,2

		• Professional		
	1.4	TYPES OF YOGA • Hatha Yoga • Karma Yoga • jnana Yoga • Bhakti Yoga • Thandra Yoga	4	1,2,4
	2.1	Introduction to Standing Asanas, Seated Asanas, Balancing Asanas	8	3,6
	2.2	Introduction to Backbends, Forward Bends	7	3,6
2. INTRODUCTION TO ASANA DIFFERENT STYLES OF ASANA	MGU-	 Standing Asanas Thadasana, Vrikshasana, Trikonasana, Virbhadarasana, Natarajasana Seated Asanas Sukhasana, BaddhaKonasana, Paschimottanasana, Vajrasana. Supine Asanas Savasana, Pavanamuktasana, Halasana, Setu Bandhasana, Matsyasana. Inverted Asanas SalambaSirsasana, Sarvangasana, Dhanurasana, Balancing Asanas Vrikshasana, Tadasana, Utkatasana, Veerabhadrasana, Natarajasana 	10	3,6

	 Twisting Asanas Matsyasana, Marichyasana, ParivrittaTrikonasana, Bhujangasana. Backbends Setubandhasana, Dhanurasana, Ustrasana, Chakrasana. Forward Bends Uttanasana, Parsvottanasana, Janu Sirsasana, BaddhaKonasana. 		
	ASANA FOR SPECIFIC HEALTH CONDITIONS(P) Asana for Musculoskeletal Conditions: Bhujangasana, Sethu Bandhasana, Adho Mukha Svanasana Asana for Respiratory Conditions: Matsyasana, Balasana, trikonasana. Asana for Cardiovascular Conditions: Tadasana, Virabahdrasana, Halasana. Asana for Digestive Conditions: Malasana, Ardha Matsyendrasana, Pawanamuktasana. Asana for Mental Health Conditions: Savasana, Ananda Balasana, Sukhasana. The Therapeutic Applications of Asana: Low Back Pain, Osteoporosis, Arthritis, Anxiety and Depression, High Blood Pressure, Asthma, Diabetes	10	2,5,6
2.6	Activity	30	5,6

	<u> </u>			
	3.1	 KRIYAS(P) The Role of Kriya in Yogic Practice Benefits of Kriya Different Kriya Techniques: Neti, Dhauti, Basti, Nauli, Trataka. 	5	3,6
	3.2	Activity	15	3,6
3 (PRACTICAL) KRIYAS, PRANAYAMAS AND MEDITATION	3.3	 The Physiology of Breath and Prana The Major Pranayama Techniques: Nadishodhana, Kapalabhati, Bhastrika, Bhramari, Sheetali, Ujjayi, AnulomVilom, Sheetkari. The Benefits of Pranayama for Physical and Mental Health 	7	3,5,6
	विद्या दिया-	 MEDITATION The Nature of Meditation and Consciousness The Major Meditation Techniques The Benefits of Meditation for Mental Well-being Meditation and the Chakra System The Advanced Practices of Meditation: Mantra Meditation, Visualization Meditation, Mindfulness Meditation, Guided Meditation, Chakra Meditation, Yoga Nidhra. 	8	2,5,6
4 YOGA IN DAILY LIFE	4.1	APPLYING YOGA PRINCIPLES IN DAILY LIFE • Integrating Yoga into Daily Routine	3	2,3,4,6
	4.2	• Yoga for Healthy Living YOGA FOR STRESS MANAGEMENT AND MENTAL HEALTH	3	2,5

	 The Impact of Stress Body and Mind Yoga Techniques for Reduction Yoga for Anxiety and Depression Meditation and Mind for Emotional Wellbe 	Stress I fulness	
	 YOGA FOR PERFORMANCE IMPROVEMENT Integrating Yoga into Training Yoga for Specific Specific Specific Advanced Yoga Technology for Athletes Yoga for Injury Prevent and Recovery 	Athletic orts 3 niques	2,4,6
	YOGA FOR ENERGY AND VITALITY • Yoga Poses for Ener Vitality • Pranayama Techniq Energy and Vitality • Lifestyle Modification Energy and Vitality	ques for 3	2,4
	YOGA FOR WEIGHT REDUCTION Yoga poses for weigh reduction: SuryaNam Veerabhadrasana, Trikonasana, Navasan ChadhurangaDandasa ChadhurangaDandasa Breathing Technis for reduction: Kapalbhat bhastrika.	na, 3 ana. r weight	
5. Teacher Specific Component			

	Classroom Procedure (Mode of transaction)
Teaching	• Lecture (Chalk & Board, Power Point presentation)
andLearning	Group discussion.
Approach	Peer teaching
	• Demonstration
	Hands on training
	MODE OF ASSESSMENT
Assessment Types	Continues Comprehensive Assessment (CCA) Total Mark - 35
	Practical CCA-15 mark, (Presentation, individual involvement)
	Theory CCA -25 marks (Written exam- short answer -10x2, viva)
	End Semester Examination (ESE) Total Mark-85
	B GAINDAY
	ESE Practical -35 marks(Viva, presentation, assignment, quiz)
	ESE Theory – 50 marks
	(Written examination theory – MCQ 10x1, Short Answer – 10x2, Short Essay -4x5).

- 1. Iyengar, B.K.S. (1966). Light on Yoga: Yoga Philosophy and Practice. HarperOne.
- 2. Desikachar, T.K. (1995). The Heart of Yoga: Developing Physical, Mental, and Spiritual Harmony. Inner Traditions.
- 3. Flood, G. (1996). An Introduction to Hinduism. Cambridge University Press.
- 4. Eliade, M. (1969). Yoga: Immortality and Freedom. Princeton University Press.

SUGGESTED READINGS

"The Heart of Yoga: Developing a Personal Practice" by T.K.V. Desikachar





Programme						
Course Name	Exercise Program Design					
Type of Course	DSC B/ DSC C					
Course Code	MG4DSCFIM200	NIB				
Course Level	200-299	MAIN				
Course Summary	This course is to design egrowing phase from childh designing physical activity, programme for special popular.	nood to ado introducing	lescence, U1	nderstanding	the changes v	with aging and
Semester	AH AH	X	Credits	RS	4	Total Hours
Course Details	Learning Approach	Lecture 3	Tutorial	Practical	Others	75
Pre-requisites, if any	Basic knowledge about hun	nan body, st	ructure and	exercise	1	1

COURSE OUTCOMES (CO)

CO No.	Expected Course Outcome	Learning Domains *	PO No
1	Participants will acquire a comprehensive understanding of exercise programmes	K	1,2
2	To acquire knowledge about safety guidelines for exercise training program	U	10, 8,3
3	To acquire knowledge about women health, Life style diseases and management	U,E	3,2,1,10
4	Participants will understand skills in exercise design	An, C	2,10,
5	To acquire practical knowledge in implementing exercise programme for women and special population	An, C, S	7,6,3, 2

^{*}Remember (K), Understand (U), Apply (A), Analyse (An), Evaluate (E), Create (C), Skill (S), Interest (I) and Appreciation (Ap)

COURSE CONTENT

|--|

		Eitness Training program & Darfarmana		
1	1.1	Fitness Training program & Performance Training program	4	1
Program designing for cardio respiratory and	1.2	Weight Training programme and Functional Training	4	1
weight Training	1.3	Program design for movement training, Load, and Speed training	4	1
	2.1	Response to exercise in children and youth	3	5
2 Exercise for Children, Youth &	2.2	Special Considerations during training for children and youth	3	5
elderly individuals	2.3	Structural changes with aging	3	1
	2.4	Exercise guideline for elderly individuals	3	2
3 Special exercise pattern for women and special population	3.1	Women health parameters, lifestyle of Women, Exercise in prevention and treatment of osteoporosis	2	3
	3.2	General Exercise Safety Guidelines for Pregnant Women. Pregnancy- during, post exercise programme & Female athlete triad	3	2,3
	3.3	Exercise design for population in cardiac rehabilitation. Program design for chronic diseases-diabetes,	3	3,4,5
	3.4	Exercise program for Osteoporosis & Arthritis, Cancer & Asthmatic Patient	3	3,4,5
	4.1 MGU-	Designing basic training program	2	4,5
	4.2	Designing exercise programme for Children and Youth & pregnancy women	2	3,4,5
4	4.3	Exercise Program design for individuals with mental health challenges	2	3,5
Exercise Program Design	4.4	Designing exercise programme for older adults, monitoring the workout progress, track the progress, visual monitoring	2	4,5
	4.5	Program design for prevention and treatment of obesity.	2	3,4,5
	4.6	Case study on successful exercise design	30	
5 Teacher specific components				

	Classroom Procedure (Mode of transaction)					
	• Lecture (Chalk & Board, Power Point presentation)					
Teaching and	Group discussion.					
Learning Approach	Peer teaching					
Approach	• Demonstration					
Hands on training						
	MODE OF ASSESSMENT					
Assessment						
Types	Continues Comprehensive Assessment (CCA) Total Mark - 35					
	Practical CCA-15 mark, (Presentation, individual involvement)					
	Theory CCA -25 marks (Written exam- short answer -10x2, viva)					
	End Semester Examination					
	ESE Practical -35 marks (Viva, presentation, assignment, quiz)					
	ESE Theory – 50 marks					
	(Written examination theory – MCQ 10x1, Short Answer – 10x2, Short Essay -4x5					

- 1. Fitness Professional's Handbook 7th Edition, Edward Howley, Dixie Thompson, Human Kinetics
- 2. Thomas D Fahey, Paul M Insel, Wlton T Roth, Clarie E A Insel, Fit & Well, Core concepts and labs in Physical Fitness and Wellness, 12th Edition, Mc Graw Hill Education
- 3. American College of Sports Medicine. 2003. Exercise Management for Persons With Chronic Diseases and Disabilities, 3rd ed. Champaign, IL: Human Kinetics
- 4. American Heart Association. 2001. Exercise standards for testing and training: A statement for healthcare professionals from the American Heart Association. Circulation 104 (14): 1694-1740.

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- 1. Shields, N., van den Bos, R., Buhlert-Smith, K., Prendergast, L., & Taylor, N. (2019). A community-based exercise program to increase participation in physical activities among youth with disability: a feasibility study. Disability and Rehabilitation, 41(10), 1152-1159.
- 2. Fiorilli, G., Iuliano, E., Aquino, G., Campanella, E., Tsopani, D., Di Costanzo, A., ... & Di Cagno, A. (2017). Different consecutive training protocols to design an intervention program for overweight youth: a controlled study. Diabetes, metabolic syndrome and obesity: targets and therapy, 37-45.
- 3. Harms, T., Clifford, R. M., & Cryer, D. (1998). Early childhood environment rating scale. Teachers College Press, Columbia University, 1234 Amsterdam Avenue, New York, NY 10027.
- 4. Häkkinen, K., Kallinen, M., Linnamo, V., Pastinen, U. M., Newton, R. U., & Kraemer, W. J. (1996). Neuromuscular adaptations during bilateral versus unilateral strength training in middle-aged and elderly men and women. Acta Physiologica Scandinavica, 158(1), 77-88.
- 5. Carter, N. D., Khan, K. M., McKay, H. A., Petit, M. A., Waterman, C., Heinonen, A., ... & Flicker, L. (2002). Community-based exercise program reduces risk factors for falls in 65-to 75-year-old women with osteoporosis: randomized controlled trial. Cmaj, 167(9), 997-1004.



Programme						
Course Name	Gym Instructor Ess	entials				
Type of Course	DSC B					
Course Code	MG5DSCFIM300					
Course Level	300-399	300-399				
Course Summary	knowledge and sk	The program aims to provide a trainer certification program, equips individuals with the knowledge and skills needed to work as fitness/gym professionals, designing and implementing effective workout programs for clients.				
Semester	521	Credits			4	Total Hours
Course Details	Learning Approach	Lecture	Tutorial	Practical	Others	
		3	. N. T//	1		75
Pre-requisites, if any	Learners should ha	ive some kind	of interest in fitnes	ss and health.	•	

COURSE OUTCOMES (CO)

CO No.	Expected Course Outcome	Learning	PO No
	MGU-UGP (HONOURS)	Domains *	
1	Understanding general fitness and first aid	U	1
2	Create basic awareness for gym training and programme design.	С	1, 2
3	Identify and assign the appropriate exercises for specific body parts.	An & A	1,2,5
4	Understanding of Nutrient Requirements for health	U	10
5	Create health and fitness programs & Hands-on experience in Gym.	C , A & AN	1,2,3,10

^{*}Remember (K), Understand (U), Apply (A), Analyse (An), Evaluate (E), Create (C), Skill (S), Interest (I) and Appreciation (Ap)

COURSE CONTENT

Module	Units	Course description	Hrs	CO No.
1- Introduction to fitness &First Aid	1	Introduction to general fitness and its components. Benefits of Health and Fitness – Role of Fitness among various populations, Age and Sex.	5	1
	2	Definition and Meaning of Load, Load and Adaptation. Factors of Load – Overload, Total Load and Recovery. Total Sets and Repetition, Total Exercise. Principles of Overload. Full body Stretching exercise.	5	1
	3	First Aid & Emergency Life Saving	5	1
Workout programmes for various body parts (practical)		Workout programmes Body Part 1 – Back (Latissimus Dorsi, Trapezius, Paraspinal Group) Body Part 2 – Legs (Quadriceps, Gluteal group, Hamstrings & Calves) Demo Workout	5	3
	2/lag	Body Part 3 - Chest Shoulder (Pectoralis major, Deltoid group, Rotator Cuff group) Body Part 4 – Abdominal Group (Rectus Abdominis, Internal & External Obliques, Transversus Abdominis, Multifidus & Quadratus Lumborum) Demo Workout	5	3
	3	Body Part 5 - Arms Group (Biceps Brachii, Triceps Brachii, Brachialis, Brachioradialis, Wrist Extensors & Flexors) Demo Workout	5	3
3 Basic Nutrition &	1	Basic Nutrition, Health Screening and Fitness Testing, Scheduling	5	4,2
Safety in Gym	2	Motivation and Adherence Health and Safety in Gym Environment	5	2
	3	Training Program Delivery Application of Exercise Science to Programme Planning	5	2,5

4 Practical's & case study	1	Practical class - Training class with gym equipment. Individual case study in Gym.	30	3,5
5 Teacher Specific Component	5			

Teaching and	Classroom Procedure (Mode of transaction)				
Learning	 Lecture (Chalk & Board, Power Point presentation) 				
Approach	Group discussion.				
	Peer teaching				
	• Demonstration				
	Hands on training				
Assessment	MODE OF ASSESSMENT				
Types					
	Continues Comprehensive Assessment (CCA) Total Mark - 35				
	Practical CCA-15 mark, (Presentation, individual involvement)				
	Theory CCA -25 marks (Written exam- short answer -10x2, viva)				
	End Semester Examination(ESE) Total Mark-85				
	ESE Practical -35 marks (Viva, presentation, assignment, quiz) ESE Theory – 50 marks				
	(Written examination theory – MCQ 10x1, Short Answer – 10x2, Short Essay -				
	4x5).				

Books

- 1. Sventeckis, A. (2019). Accessibility in gym environments.
- 2. American College of Sports Medicine. (2012). ACSM's health/fitness facility standards and guidelines. Human Kinetics.
- 3. Pinchas, Y. (2006). *The complete holistic guide to working out in the gym*. University of Calgary Press.
- 4. Amelina, K., &Kolesova, A. (2017). Nutrition guidelines for the clients of the gym Shape.
- 5. Paaso, N. (2017). Gym Training Guide: An Introduction to the Fundamentals of Weight Training.
- 6. Winnick, J. P., & Short, F. X. (1999). *The Brockport physical fitness test manual*. Human Kinetics.



Programme							
Course Name	Performance Analysis in Sports and Games						
Type of Course	DSC B						
Course Code	MG6DSCFIM300						
Course Level	300-399	300-399					
Course Summary	This course structure provides a comprehensive overview of the methodologies and tests used to assess and enhance athletic performance. The course covers various aspects, including physical, psychological, psychological dimensions in performance analysis in sports.						
Semester	6		Credits		4	Total	
Course Details	Learning Approach	Learning Approach Lecture Tutorial Practical Others Hours 1 5 150					
Pre-requisites, if any	12				1		

COURSE OUTCOMES (CO)

CO No.	Expected Course Outcome	Learning Domains *	PO No
1	Understanding the performance analysis and the need and importance in sports	U	P10
2	Analyse the factors including in performance analysis in sports	An	PO 1
3	Develop concepts related to training protocols, and assessment tools based on performance analysis in sports	U	PO 2
4	Evaluate various Performance Assessments in sports	Е	PO10
5	Describe the criteria, classification and administration of performance analysis in test	S	PO 1
6	Use of surveys or interviews to gather qualitative data on the athletes' mental state	A	PO 3
7	Encourage self-assessment and goal-setting	A	PO 10
8	Analyse both qualitative and quantitative data collected during assessments	An	PO 2
9	Use the analysis as a basis for continuous improvement in future courses	A	PO10

^{*}Remember (K), Understand (U), Apply (A), Analyse (An), Evaluate (E), Create (C), Skill (S), Interest (I) and Appreciation (Ap)

COURSE CONTENT

Module	Units	Course description	Hrs	CO No.
	1.1	Introduction, Meaning, concept of performance analysis in sports	5	1,9
1 introduction to performance analysis in sports	1.2	scope, Need and importance of performance analysis in sports and athletic development	5	1,9
	1.3	Factors including performance analysis in sports (physiological, physical, psychological and environmental)	5	1,2,4,9
2 Physiological sports analysis test	2.1	VO2 Max Test: meaning, concept and importance of VO2 max - Direct method of testing- metabolic gas analysis, spirometry - Indirect method of testing- treadmill tests, ergometer test, step test, cooper's 12 minute run test or yoyo test.	4	3,4, 5, 8,9
	2.2	Lactate Threshold Test: meaning and concept - Testing methods- heart rate testing, blood testing, ventilatory threshold testing	4	1,3,4, 5, 8,9
	2.3	Resting Metabolic Rate (RMR): meaning and concept - Factors influencing RMR - Measurements- indirect calorimetry and predictive equations	4	3,4, 5, 8,9
	2.4	Blood and Urine Analysis: purpose, properties and features	3	3,4, 5, 8,9
3 Physical sports analysis test	3.1	Muscular Strength and endurance Testing: concept and techniques - one-rep max (1RM) test, hand grip test, isokinetic testing for muscular strength testing - push-up, sit-up, plank test, bodyweight squat test, burpee test for muscular endurance testing	4	1,3,4, 5, 8,9
	3.2	Power Tests: meaning and concept - vertical jump test, standing broad jump test, medicine ball test, squat jump - considerations for power testing	2	3,4, 5, 8,9
	3.3	Agility Tests: meaning and concept - shuttle run test, T-Test, zig-zag test - consideration for agility testing	1	1, 3,4, 5, 8,9

Speed and reaction Tests: meaning and concepts - 40-yard dash,10 meter sprint test, flying 30-meter test for speed testing - visual reaction time, agility reaction test, choice reaction time test for reaction testing - guidelines for conducting speed and agility test Flexibility and balance Tests: concept, consideration and guideline for testing - sit and reach test, shoulder flexibility test, hip flex test for flexibility testing	1, 4, 5, 8
3.4 - 40-yard dash,10 meter sprint test, flying 30-meter test for speed testing - visual reaction time, agility reaction test, choice reaction time test for reaction testing - guidelines for conducting speed and agility test Flexibility and balance Tests: concept, consideration and guideline for testing - sit and reach test, shoulder flexibility test, hip flex test for flexibility testing 3 3 3 4 3 4 40-yard dash,10 meter sprint test, shoulder reaction time, agility reaction time testing test for flexibility test.	
flying 30-meter test for speed testing - visual reaction time, agility reaction test, choice reaction time test for reaction testing - guidelines for conducting speed and agility test Flexibility and balance Tests: concept, consideration and guideline for testing - sit and reach test, shoulder flexibility test, hip flex test for flexibility testing 3 3 3 3 3 4 5 6 7 8 7 8 8 8 8 8 8 8 8 8 8	
3.4 testing - visual reaction time, agility reaction test, choice reaction time test for reaction testing - guidelines for conducting speed and agility test Flexibility and balance Tests: concept, consideration and guideline for testing - sit and reach test, shoulder flexibility test, hip flex test for flexibility testing 3 3 3 4 3 5 6 7 7 8 8 8 9 9 9 9 9 9 9 9 9 9	
- visual reaction time, agility reaction test, choice reaction time test for reaction testing - guidelines for conducting speed and agility test Flexibility and balance Tests: concept, consideration and guideline for testing - sit and reach test, shoulder flexibility test, hip flex test for flexibility testing 3 3 3 3 3 3 3 4 3 4 5 6 7 7 8 8 8 9 9 9 9 9 9 9 9 9 9	
reaction test, choice reaction time test for reaction testing - guidelines for conducting speed and agility test Flexibility and balance Tests: concept, consideration and guideline for testing - sit and reach test, shoulder flexibility test, hip flex test for flexibility testing 3	
test for reaction testing - guidelines for conducting speed and agility test Flexibility and balance Tests: concept, consideration and guideline for testing - sit and reach test, shoulder flexibility test, hip flex test for flexibility testing 3	
- guidelines for conducting speed and agility test Flexibility and balance Tests: concept, consideration and guideline for testing - sit and reach test, shoulder flexibility test, hip flex test for flexibility testing 3.5	
Flexibility and balance Tests: concept, consideration and guideline for testing - sit and reach test, shoulder flexibility test, hip flex test for flexibility testing 3.5	
Flexibility and balance Tests: concept, consideration and guideline for testing - sit and reach test, shoulder flexibility test, hip flex test for flexibility testing 3.5	
consideration and guideline for testing - sit and reach test, shoulder flexibility test, hip flex test for flexibility testing 3	
3.5 - sit and reach test, shoulder flexibility test, hip flex test for flexibility testing	
3.5 flexibility test, hip flex test for flexibility testing	
flexibility testing	
flexibility testing	1,3,4, 5, 8,9
' 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5, 8,9
- single leg balance test, stork stand	
test, y-balance test, dynamic	
balance test for balance testing	
Body Composition Analysis: meaning and	
concept	3,4, 5,
3.6 - skinfold caliper measurement, 1	8,9
hydrostatic weighing (advantages	0,7
and considerations).	
Recovery Assessments: method and	
3.7 concept 1	3,4, 5,
- heart rate variability, resting heart	8,9
rate, sleep monitoring,	
Psychological sports analysis test:	
meaning and concept.	
Methods of psychological sports analysis	
- Personality Tests: 6 Personality	2, 3,4,
A G P Factors (16 PF) S 5	5,6,7
- Mental Skills Assessment: Connor	8,9
Davison resilience scale (CD-	
RISC), Athletic Coping Skills	
Inventory (ACSI)	
4 - Attention and Concentration Tests:	2, 3,4,
Psychological sports Conners Continuous Performance	5,6,7
analysis test Test (CPT), Stroop Test	8,9
(Practical) - Mood and Emotion Assessment:	
Profile of Mood States (POMS),	
4.2 Positive and Negative Affect 6	
Schedule (PANAS), Athlete's	
Mental Toughness Questionnaire	
(AMTQ), Sport Emotion	
Questionnaire (SEQ), Emotion	
Regulation Questionnaire (ERQ)	
- Motivation and Goal Setting:	2, 3,4,
4.3 Sport Motivation Scale (SMS), 4	2, 3, 4 , 5,6,7
Sport Monvation Scale (SIMS),	8,9

	Athlete's Goal Orientation Questionnaire (AGOQ) - Stress and Anxiety Assessment: State-Trait Anxiety Inventory (STAI), Competitive state anxiety test(CSAI)	
Teacher Specific Components		

Teaching and Learning Approach Assessment Types	Classroom Procedure (Mode of transaction) Lecture (Chalk & Board, Power Point presentation) Group discussion. Peer teaching Demonstration Hands on training MODE OF ASSESSMENT Continues Comprehensive Assessment (CCA) Total Mark - 35 Practical CCA-15 mark, (Presentation, individual involvement) Theory CCA -25 marks (Written exam- short answer -10x2, viva)
	End Semester Examination(ESE) Total Mark-85 ESE Practical -35 marks (Viva, presentation, assignment, quiz) ESE Theory – 50 marks (Written examination theory – MCQ 10x1, Short Answer – 10x2, Short Essay -4x5).

1. "Physiological Tests for Elite Athletes" by Australian Institute of Sport

विद्या अमूतसञ्जूते

- 2. Performance Analysis in Sport by Mike Hughes and Ian Franks
- 3. Human Kinetics Physical Fitness Testing
- 4. The Sport Journal Fitness Testing
- 5. Davis, Michael. "Advancements in Performance Analysis Tests for Athletes." *Sports Science*
- 6. Johnson, Emily. "A Comparative Analysis of Performance Tests in Soccer." *Journal of Sports Science*, vol. 25, no. 3, 2017, pp. 123-145.
- 7. Anderson, Sarah. "Using Performance Analysis Tests to Improve Training Strategies." *Proceedings of the International Conference on Sports Science*, Academic Press, 2016, pp. 56-67.
- 8. Brown, Christopher. "A Study of Performance Analysis Tests in High School Athletics." *University of Sports Science*, 2020.

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- 1. Smith, John. *Physiological Testing in Sports: A Comprehensive Guide*. Sports Publishing Co., 2020.
- 2. Jones, Mary, editor. Advances in Physiological Testing in Sports. Athletic Press, 2018.
- 3. Fox, Edward L., and Donald K. Mathews. The Physiological Basis of Physical Education and Athletics. Saunders, 1981.

- 4. Grove, J. Robert, and David H. Edeburn. Measuring Psychological Responses to Performance Demands in Sports. Springer, 2015.
- 5. Johnson, Angela M. Psychological Testing in Sports Medicine and Exercise Science. Routledge, 2018.
- 6. Smith, John. *Physical Testing in Sports: A Comprehensive Guide*. Sports Publishing Co., 2020.



MGU-UGP (HONOURS)
Syllabus