M.Sc. (SPORTS BIOMECHANICS) PROGRAM OUTCOMES (POs):

By the end of the program, the students will be able to

PO1	Domain knowledge: Demonstrate knowledge of basic concepts, principles and
	applications of the specific science discipline.
PO2	Resource Utilisation. Cultivate the skills to acquire and use appropriate learning
	resources including library, e-learning resources, ICT tools to enhance knowledge-base
	and stay abreast of recent developments.
PO3	Analytical and Technical Skills: Ability to handle/use appropriate
	tools/techniques/equipment with an understanding of the standard operating
	procedures, safety aspects/limitations.
PO4	Critical thinking and Problem solving: Identify and critically analyse pertinent problems
	in the relevant discipline using appropriate tools and techniques as well as approaches
	to arrive at viable conclusions/solutions.
PO5	Project Management : Demonstrate knowledge and scientific understanding to identify
	research problems, design experiments, use appropriate methodologies, analyse and
	interpret data and provide solutions. Exhibit organisational skills and the ability to
	manage time and resources.
PO6	Individual and team work: Exhibit the potential to effectively accomplish tasks
	independently and as a member or leader in diverse teams, and in multidisciplinary
	settings.
PO7	Effective Communication : Communicate effectively in spoken and written form as well
	as through electronic media with the scientific community as well as with society at
	large. Demonstrate the ability to write dissertations, reports, make effective
	presentations and documentation.
PO8	Environment and Society : Analyse the impact of scientific and technological advances
	on the environment and society and the need for sustainable development.
PO9	Ethics: Commitment to professional ethics and responsibilities.
PO10	Life-long learning: Ability to engage in life-long learning in the context of the rapid

PROGRAM SPECIFIC OUTCOMES (PSOs):

PSO1	Examine the essential health, safety and ethical aspects to be considered when
	undertaking applied sport and exercise biomechanics investigations.
PSO2	Manipulate, interpret and report conclusions related to a range of data and applied
	problems.
PSO3	Evaluate appropriate laboratory equipment to enable a sport and exercise
	biomechanics investigation to be undertaken.
PSO4	Integrate advanced scientific and professional skills in the context of sport and
	exercise biomechanics.

M.Sc. (EXERCISE PHYSIOLOGY) PROGRAM OUTCOMES (POs):

By the end of the program, the students will be able to

PO1	Domain knowledge: Demonstrate knowledge of basic concepts, principles and
	applications of the specific science discipline.
PO2	Resource Utilisation. Cultivate the skills to acquire and use appropriate learning
	resources including library, e-learning resources, ICT tools to enhance knowledge-base
	and stay abreast of recent developments.
PO3	Analytical and Technical Skills: Ability to handle/use appropriate
	tools/techniques/equipment with an understanding of the standard operating
	procedures, safety aspects/limitations.
PO4	Critical thinking and Problem solving: Identify and critically analyse pertinent problems
	in the relevant discipline using appropriate tools and techniques as well as approaches
	to arrive at viable conclusions/solutions.
PO5	Project Management : Demonstrate knowledge and scientific understanding to identify
	research problems, design experiments, use appropriate methodologies, analyse and
	interpret data and provide solutions. Exhibit organisational skills and the ability to
	manage time and resources.
PO6	Individual and team work: Exhibit the potential to effectively accomplish tasks
	independently and as a member or leader in diverse teams, and in multidisciplinary
	settings.
PO7	Effective Communication : Communicate effectively in spoken and written form as well
	as through electronic media with the scientific community as well as with society at
	large. Demonstrate the ability to write dissertations, reports, make effective
	presentations and documentation.
PO8	Environment and Society : Analyse the impact of scientific and technological advances
	on the environment and society and the need for sustainable development.
PO9	Ethics: Commitment to professional ethics and responsibilities.
PO10	Life-long learning: Ability to engage in life-long learning in the context of the rapid

PROGRAMMESPECIFIC OUTCOMES (PSOs):

PSO1	Examine the essential health, safety and ethical aspects to be considered when undertaking applied exercise physiology investigations.
PSO2	Manipulate, interpret and report conclusions related to a range of data and applied problems.
PSO3	Evaluate appropriate laboratory equipment to enable an exercise physiology investigation to be undertaken.
PSO4	Integrate advanced scientific and professional skills in the context of exercise physiology.

M.Sc. Sports Nutrition

By the end of the program, the students will be able to

PROGRAM OUTCOMES (POs):

PO1	Domain knowledge : Demonstrate knowledge of basic concepts, principles and
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DO2	applications of the specific science discipline.
PO2	Resource Utilisation. Cultivate the skills to acquire and use appropriate learning
	resources including library, e-learning resources, usage of scientific sports training
	methods and testing methods to enhance knowledge-base and stay abreast of recent
	developments.
PO3	Analytical and Technical Skills: Ability to handle/use appropriate
	tools/techniques/equipment with an understanding of the standard operating
	procedures, safety aspects/limitations on diverse population with specific needs
PO4	Critical thinking and Problem solving: Identify and critically analyse pertinent problems
	in the relevant discipline using appropriate tools and techniques as well as approaches
	to arrive at viable conclusions/solutions.
PO5	Project Management: Demonstrate knowledge and scientific understanding to identify
	the purpose, design nutritional shedules, use appropriate methodologies, analyse and
	interpret data and provide solutions.
PO6	Organisational skills: Exhibit organisational skills and the ability to manage time and
	resources.
PO7	Individual and team work: Exhibit the potential to effectively accomplish tasks
	independently and as a sports nutritionist in diverse settings, and in goal specific
	settings.
PO8	Ethics: Commitment to professional ethics and responsibilities.
PO9	Life-long learning: Ability to engage in life-long learning in the context of the rapid
	developments in the discipline.
PO10	Use of Technology: Ability to utilize the available modern
	technology/Equipments/nutritional assessment in obtaining maximum positive results,
	demonstrate the ability to write dissertations, reports, make effective presentations
	and documentation.

PROGRAM SPECIFIC OUTCOMES (PSOs):

By the end of the program, the students will be able to	
PSO1	Understand principles of scientific sports nutrition to be applied in the field of
	performance enhancement.
PSO2	Understand the principles of nutrition and its effect on physical, physiological and
	psychological aspect of trainees.
PSO3	Understand and apply the principles of Exercise physiology, Biomechanics, Strength and
	conditioning and use them effectively in the planning and execution of nutritional
	statergies.
PSO4	Provide exposure in various supplementations/nutritional aids for team/ individual
	sports and to have an understanding on the effect of these methods individually and in
	combination on improvement of various performance capabilities.
PSO5	Applying the knowledge gained in designing supplementations/nutritional aidsfor
	different population with diverse needs.
PSO6	Provide exposure in various allied disciplines (Exercise physiology/Sports
	Biochemistry/Biomechanics/ Strength and conditioning).
PSO7	Provide exposure to modern experimental/theoretical methods for measurement,
	observation and assessment of various components of health/performance related
	fitness.
PSO8	Engage in research and life-long learning to adapt to changing environment.

M.Sc. Strength and Conditioning PROGRAM OUTCOMES (POs):

By the end of the program, the students will be able to

PO1	Domain knowledge: Demonstrate knowledge of basic concepts, principles and
	applications of the specific science discipline.
PO2	Resource Utilisation. Cultivate the skills to acquire and use appropriate learning
	resources including library, e-learning resources, usage of scientific sports training
	methods and testing methods to enhance knowledge-base and stay abreast of
	recent developments.
PO3	Analytical and Technical Skills: Ability to handle/use appropriate
	tools/techniques/equipment with an understanding of the standard operating
	procedures, safety aspects/limitations on diverse population with specific needs
PO4	Critical thinking and Problem solving: Identify and critically analyse pertinent
	problems in the relevant discipline using appropriate tools and techniques as well as
	approaches to arrive at viable conclusions/solutions.
PO5	Project Management : Demonstrate knowledge and scientific understanding to
	identify the purpose, design training shedules, use appropriate methodologies,
	analyse and interpret data and provide solutions.
PO6	Organisational skills: Exhibit organisational skills and the ability to manage time and
	resources.
PO7	Individual and team work : Exhibit the potential to effectively accomplish tasks
	independently and as a individual/team trainer in diverse settings, and in goal
	specific settings.
PO8	Ethics : Commitment to professional ethics and responsibilities.
PO9	Life-long learning: Ability to engage in life-long learning in the context of the rapid
	developments in the discipline.
PO10	Use of Technology: Ability to utilize the available modern
	technology/Equipments/Training methods in obtaining maximum positive results,
	demonstrate the ability to write dissertations, reports, make effective presentations
	and documentation.

PROGRAM SPECIFIC OUTCOMES (PSOs):

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M.Sc. (SPORTS PSYCHOLOGY) PROGRAM OUTCOMES (POs):

By the end of the program, the students will be able to

by the end of the	program, the students will be able to
PO1	Domain knowledge : Demonstrate knowledge of basic concepts, principles and
	applications of the specific science discipline.
PO2	Resource Utilisation. Cultivate the skills to acquire and use appropriate learning
	resources including library, e-learning resources, ICT tools to enhance
	knowledge-base and stay abreast of recent developments.
PO3	Analytical and Technical Skills: Ability to handle/use appropriate
	tools/techniques/equipment with an understanding of the standard operating
	procedures, safety aspects/limitations.
PO4	Critical thinking and Problem solving: Identify and critically analyse pertinent
	problems in the relevant discipline using appropriate tools and techniques as well
	as approaches to arrive at viable conclusions/solutions.
PO5	Project Management : Demonstrate knowledge and scientific understanding to
	identify research problems, design experiments, use appropriate methodologies,
	analyse and interpret data and provide solutions. Exhibit organisational skills and
	the ability to manage time and resources.
PO6	Individual and team work: Exhibit the potential to effectively accomplish tasks
	independently and as a member or leader in diverse teams, and in
	multidisciplinary settings.
PO7	Effective Communication: Communicate effectively in spoken and written form
	as well as through electronic media with the scientific community as well as with
	society at large. Demonstrate the ability to write dissertations, reports, make
	effective presentations and documentation.
PO8	Environment and Society : Analyse the impact of scientific and technological
	advances on the environment and society and the need for sustainable
	development.
PO9	Ethics: Commitment to professional ethics and responsibilities.
PO10	Life-long learning: Ability to engage in life-long learning in the context of the
	rapid developments in the discipline.

PROGRAM SPECIFIC OUTCOMES (PSOs):

PSO1	Examine the essential health, safety and ethical aspects to be considered when undertaking applied sport psychology investigations.
PSO2	Manipulate, interpret and report conclusions related to a range of data and applied problems.
PSO3	Evaluate appropriate laboratory equipment to enable a sport psychology investigation to be undertaken.
PSO4	Integrate advanced scientific and professional skills in the context of sport psychology.