

PROGRAM OUTCOME (POs)	
Course Code	MASTERS IN HOSPITAL ADMINISTRATION
PO1	Healthcare Knowledge and Technology: Apply advanced knowledge of healthcare systems, clinical procedures, and medical technologies to improve patient care and streamline hospital operations.
PO2	Critical Thinking and Problem-Solving: Use analytical skills and professional judgment to address healthcare challenges, make informed decisions, and develop effective solutions to improve patient outcomes and organizational efficiency.
PO3	Healthcare Research Skills: Conduct and analyze healthcare research to inform evidence-based practices, contribute to innovations in healthcare management, and improve decision-making processes.
PO4	Professional Ethics and Patient Care: Adhere to ethical guidelines in healthcare administration, ensuring that patient welfare and professional boundaries are maintained in all interactions.
PO5	Communication Skills: Communicate effectively with patients, caregivers, and healthcare professionals to ensure clear information exchange, foster collaboration, and resolve conflicts.
PO6	Teamwork and Collaboration: Collaborate effectively with multidisciplinary teams to deliver comprehensive patient care and address organizational challenges, fostering a cooperative work environment.
PO7	Holistic Development and Leadership: Develop intellectual, emotional, and leadership skills to manage healthcare teams, navigate challenges, and drive organizational growth.
PO8	Lifelong Learning: Cultivate a commitment to continuous learning, staying current with advancements in healthcare practices and management to support ongoing professional development.
PROGRAM SPECIFIC OUTCOMES (PSO)	
PSO 1	Graduates will be able to manage hospital operations efficiently, ensuring high-quality patient care and smooth functioning.
PSO 2	They will develop critical thinking and problem-solving skills to make informed decisions and address healthcare challenges.
PSO 3	They will have the ability to lead multidisciplinary teams and foster collaboration for improved patient outcomes.
PSO 4	They will be proficient in budgeting, financial planning, and optimizing hospital resources for sustainability.
PSO 5	They will be capable of designing and implementing quality assurance programs focused on patient safety and continuous improvement.
PSO 6	Additionally, they will demonstrate a commitment to professional ethics, continual learning, and staying updated with healthcare advancements.
COURSE OUTCOMES (COs)	
	Annexure-3.27 of AC-51/2025
Course Code	MASTERS IN HOSPITAL ADMINISTRATION
SEMESTER I	
MHA 101 T	Introduction to Human Biology, Public Health, Health Care System in India & Hospital Industry
CO1	To understand human biology and the functions of various body systems.
CO2	To grasp knowledge about key public health issues and environmental health impacts.
CO3	To gain insights into healthcare systems and policies in India and globally.
CO4	To understand the hospital industry's regulations, challenges, and opportunities.
MHA 102 T	Introduction to Epidemiology and Hospital Epidemiology and Demography
CO1	To apply epidemiological methods, including study designs and screening tests, to understand and analyse public health issues.
CO2	To understand and interpret epidemiological measures and study designs like cohort, case-control, and randomized control trials.
CO3	To analyse demographic data and trends, including fertility, mortality, and migration, and use this information in public health planning and policy development.
MHA 103 T	Introduction to Concepts & Principles of Management and Business Communication
CO1	To gain a solid understanding of management principles, which will help students manage and improve performance in various industries.
CO2	To acquire practical skills in applying management functions (planning, organizing, staffing, directing, and controlling) to improve organizational efficiency.
CO3	To apply key management theories to real-world business challenges and decision-making processes.

CO4	To demonstrate proficiency in business communication, including drafting professional business correspondence and delivering effective presentations.
CC 001 T	Research Methodology & Biostatistics (Core Course)
CO1	Student will be able to understand develop statistical models, research designs with the understating of background theory of various commonly used statistical techniques as well as analysis, interpretation & reporting of results and use of statistical software.
MHA 104 CP	Practice of Hospital Administration (Basic)
CO1	Gain hands-on experience in managing hospital operations, improving the ability to oversee departments and coordinate healthcare services.
CO2	To enhance the practical skills in hospital management, including patient care coordination, resource management, and staff leadership.
SEMESTER II	
MHA 105 T	Hospital Planning & Management
CO1	To design efficient healthcare facilities based on size, layout, and operational needs.
CO2	To manage the hospital planning process, including financial planning, resource management, and contractor selection.
CO3	To design hospital departments and equipment layouts for optimal patient care and staff functionality.
CO4	To apply knowledge of engineering systems, safety protocols, and environmental control to ensure smooth hospital operations.
MHA 106 T	Accounting & Costing and Management Information System
CO1	To understand and differentiate between various accounting disciplines.
CO2	To apply the double-entry system and manage financial transactions accurately.
CO3	To gain the ability to prepare financial statements and correct mistakes in trial balances.
CO4	To be able to use MIS for decision-making, customer management, and understand the importance of information security.
MHA 107 T	Human Resource Management and Organizational Behavior
CO1	To apply HRM principles to recruit, plan, and select the right employees based on job analysis and forecasting.
CO2	To gain skills in managing training and executive development, as well as implementing motivation and performance evaluation techniques.
CO3	To understand the role of industrial relations, grievance handling, and maintaining discipline within the organization.
CO4	To develop a deep understanding of organizational behavior, including leadership, group dynamics, power, politics, stress management, and organizational culture.
MHA 108 T	Health Economics
CO1	To understand basic health economics concepts and their application in healthcare.
CO2	To apply economic principles to analyze demand, supply, and costs in healthcare systems.
CO3	To use economic evaluation tools like CBA and CEA to assess healthcare interventions.
CO4	To grasp the significance of healthcare financing, reforms, and universal health coverage in improving systems.
MHA 109 CP	Practice of Hospital Administration - Advanced
CO1	Gain hands-on experience in managing hospital operations, improving the ability to oversee departments and coordinate healthcare services.
CO2	To enhance the practical skills in hospital management, including patient care coordination, resource management, and staff leadership.
SKILL ENHANCEMENT COURSES	
SEC 001 T	Innovation and Entrepreneurship
CO1	Students will grasp the concepts of innovation, its ecosystem, and the role of various stakeholders such as government policies, startups, and innovation hubs.
CO2	Cultivating an entrepreneurial mindset and leadership qualities necessary for driving innovation and leading ventures.

CO3	Understanding the intersection of technology and innovation and leveraging emerging technologies for entrepreneurial ventures.
SEC 002 T	AI in Human Resource Management (NPTEL)
CO1	Fully understand the concepts of AI and its relevance to the HR management.
CO2	Equip themselves with the knowledge of AI-based tools and systems.
CO3	Make organizations more vibrant and stable by embracing the developments in AI technology.
CO4	Undertake better management practices and decisions



MGM SCHOOL OF BIOMEDICAL SCIENCES, NAVI MUMBAI

(A constituent unit of MGM INSTITUTE OF HEALTH SCIENCES)

(Deemed University u/s 3 of UGC Act 1956)

Grade “A++” Accredited by NAAC

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CO PO Mapping

Programme - Masters in Hospital Administration (MHA)

Semester I and II

PO1	Healthcare Knowledge and Technology: Apply advanced knowledge of healthcare systems, clinical procedures, and medical technologies to improve patient care and streamline hospital operations.
PO2	Critical Thinking and Problem-Solving: Use analytical skills and professional judgment to address healthcare challenges, make informed decisions, and develop effective solutions to improve patient outcomes and organizational efficiency.
PO3	Healthcare Research Skills: Conduct and analyze healthcare research to inform evidence-based practices, contribute to innovations in healthcare management, and improve decision-making processes.
PO4	Professional Ethics and Patient Care: Adhere to ethical guidelines in healthcare administration, ensuring that patient welfare and professional boundaries are maintained in all interactions.
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PO7	Holistic Development and Leadership: Develop intellectual, emotional, and leadership skills to manage healthcare teams, navigate challenges, and drive organizational growth.
PO8	Lifelong Learning: Cultivate a commitment to continuous learning, staying current with advancements in healthcare practices and management to support ongoing professional development.

PO Mapping same with correlation level 3,2,1 The notation of 1 - low, 2 - moderate , 3 - high

Semester	Course / Course Code	Course Outcome	Course Outcome	Healthcare Knowledge and Technology	Critical Thinking and Problem-Solving	Healthcare Research Skills	Professional Ethics and Patient Care	Communication Skills	Teamwork and Collaboration	Holistic Development and Leadership	Lifelong learning	Average
				PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	
Semester I	Introduction to Human Biology, Public Health, Healthcare System in India & Hospital Industry (MHA 101 T)	CO1	To understand human biology and the functions of various body systems.	2	0	0	0	0	0	0	3	0.6
		CO2	To grasp knowledge about key public health issues and environmental health impacts.	3	2	2	2	2	2	2	3	2.3
		CO3	To gain insights into healthcare systems and policies in India and globally.	3	2	2	2	2	2	2	3	2.3
		CO4	To understand the hospital industry's regulations, challenges, and opportunities.	3	2	2	3	2	2	2	3	2.4
		Average		2.75	1.5	1.5	1.75	1.5	1.5	1.5	3	1.9
	Introduction to Epidemiology, Hospital Epidemiology and Demography (MHA 102 T)	CO1	To apply epidemiological methods, including study designs and screening tests, to understand and analyse public health issues.	3	2	2	2	1	2	1	3	2
		CO2	To understand and interpret epidemiological measures and study designs like cohort, case-control, and randomized control trials.	3	2	2	2	1	2	1	3	1.9
		CO3	To analyse demographic data and trends, including fertility, mortality, and migration, and use this information in public health planning and policy development.	3	2	2	2	2	2	2	3	2
		Average		3	2	2	2	1.3	2	1.3	3	1.9
	Introduction to Concepts & Principles of Management and	CO1	To gain a solid understanding of management principles, which will help students manage and improve performance in various industries.	3	3	1	2	2	2	1	3	2.13
		CO2	To acquire practical skills in applying management functions (planning, organizing, staffing, directing, and controlling) to improve organizational efficiency.	3	2	2	2	3	2	2	3	2.38

	Business Communication (MHA 103 T)	CO3	To apply key management theories to real-world business challenges and decision-making processes.	3	3	2	2	3	2	2	3	2.5
		CO4	To demonstrate proficiency in business communication, including drafting professional business correspondence and delivering effective presentations.	3	1	0	2	3	3	1	3	2
		Average		3	2.25	1.25	2	2.75	2.25	1.5	3	2.2
	Research Methodology & Biostatistics (Core Course) (CC 001 T)	CO1	Student will be able to understand develop statistical models, research designs with the understating of background theory of various commonly used statistical techniques as well as analysis, interpretation & reporting of results and use of statistical software.	0	0	3	0	0	0	0	3	0.8
		Average		0	0	3	0	0	0	0	3	0.8
	Practice of Hospital Administration (Basic) (MHA 104 CP)	CO1	Gain hands-on experience in managing hospital operations, improving the ability to oversee departments and coordinate healthcare services.	3	2	2	3	3	2	2	3	2.5
		CO2	To enhance the practical skills in hospital management, including patient care coordination, resource management, and staff leadership.	3	3	2	3	2	2	2	3	2.5
		Average		3	3	2	3	3	2	2	3	2.0
	Hospital Planning & Management (MHA 105 T)	CO1	To design efficient healthcare facilities based on size, layout, and operational needs.	3	2	1	2	2	3	2	3	2.3
		CO2	To manage the hospital planning process, including financial planning, resource management, and contractor selection.	3	2	1	2	2	2	3	3	2.3
		CO3	To design hospital departments and equipment layouts for optimal patient care and staff functionality.	3	2	1	2	2	2	2	3	2.1
		CO4	To apply knowledge of engineering systems, safety protocols, and environmental control to ensure smooth hospital operations.	3	2	1	2	1	1	2	3	1.9
		Average		3	2	1	2	1.75	2	2.25	3	2.1
Semester II	Accounting & Costing and Management Information System (MHA 106 T)	CO1	To understand and differentiate between various accounting disciplines.	1	1	0	0	0	0	0	2	0.5
		CO2	To apply the double-entry system and manage financial transactions accurately.	1	1	0	0	0	0	0	2	0.5
		CO3	To gain the ability to prepare financial statements and correct mistakes in trial balances.	1	1	0	0	0	0	0	2	0.5
		CO4	To be able to use MIS for decision-making, customer management, and understand the importance of information security.	3	3	1	2	2	2	2	3	2.3
		Average		1.5	1.5	0.25	0.5	0.5	0.5	0.5	2.25	1.6
	Human Resource Management and Organizational Behavior (MHA 107 T)	CO1	To apply HRM principles to recruit, plan, and select the right employees based on job analysis and forecasting.	3	2	0	2	2	2	3	3	2.5
		CO2	To gain skills in managing training and executive development, as well as implementing motivation and performance evaluation techniques.	3	2	1	2	2	2	3	3	2.3
		CO3	To understand the role of industrial relations, grievance handling, and maintaining discipline within the organization.	3	3	1	2	2	3	3	3	2.5
		CO4	To develop a deep understanding of organizational behavior, including leadership, group dynamics, power, politics, stress management, and organizational culture.	3	2	2	2	3	2	3	3	2.5
		Average		3	2.25	1	2	2.25	2.25	3	3	2.5
	Health Economics (MHA 108 T)	CO1	To understand basic health economics concepts and their application in healthcare.	3	2	1	1	1	1	1	3	1.6
		CO2	To apply economic principles to analyze demand, supply, and costs in healthcare systems.	3	2	1	1	1	1	1	3	1.6
		CO3	To use economic evaluation tools like CBA and CEA to assess healthcare interventions.	3	2	1	1	1	1	1	3	1.6
		CO4	To grasp the significance of healthcare financing, reforms, and universal health coverage in improving systems.	3	2	1	1	1	1	1	2	1.5
		Average		3.0	2.0	1.0	1.0	1.0	1.0	1.0	2.8	2.0
	Practice of Hospital Administration - Advanced (MHA 109 CP)	CO1	Gain hands-on experience in managing hospital operations, improving the ability to oversee departments and coordinate healthcare services.	3	2	2	3	3	2	2	3	2.5
		CO2	To enhance the practical skills in hospital management, including patient care coordination, resource management, and staff leadership.	3	3	2	3	2	2	2	3	2.5
		Average		3	3	2	3	3	2	2	3	2.0

	Innovation and Entrepreneurship (SEC 001 T)	CO1	Students will grasp the concepts of innovation, its ecosystem, and the role of various stakeholders such as government policies, startups, and innovation hubs.	3	3	1	2	1	2	2	2	2.0
		CO2	Cultivating an entrepreneurial mindset and leadership qualities necessary for driving innovation and leading ventures.	2	2	1	2	1	2	2	2	2
		CO3	Understanding the intersection of technology and innovation and leveraging emerging technologies for entrepreneurial ventures.	2	2	1	2	1	2	2	3	2.3
		Average		2.3	2.3	1	2	1	2	2	2.3	2.1
	AI in Human Resource Management (NPTEL) (SEC 002 T)	CO1	Fully understand the concepts of AI and its relevance to the HR management.	2	2	1	1	1	1	2	2	1.5
		CO2	Equip themselves with the knowledge of AI-based tools and systems.	2	2	1	1	1	1	2	2	1.5
		CO3	Make organizations more vibrant and stable by embracing the developments in AI technology.	2	2	1	1	1	1	2	2	1.5
		CO4	Undertake better management practices and decisions	2	2	1	1	1	1	2	2	1.5
		Average		2	2	1	1	1	1	2	2	1.8