

PROGRAM OUTCOME (POs)	
Course Code	M.Optomtry
PO1	<b>Knowledge enhancement:</b> A keen understanding of vision sciences and should demonstrate proficiency in advanced optometric management .
PO2	<b>Skill enhancement:</b> Master the practical skill set required for optometric screening, diagnosis, management, and rehabilitation of various ocular conditions
PO3	<b>Communication skills:</b> Develop Interpersonal competence in eye care services with patients and other professionals.
PO4	<b>Critical Thinking &amp; Trouble shooting:</b> Identify and analyze the complexity of a problem and use knowledge and skill to solve it.
PO5	<b>Patient care:</b> Demonstrate proficiency in understanding and catering dedicated optometric eye care services to patients.
PO6	<b>Community eyecare:</b> Organize and Participate in various outreach activities (Camps & Awareness Program) for providing optometric eye care services to the community.
PO7	<b>Optometry speciality &amp; Entrepreneurship:</b> Update clinical knowledge and develop specialized skill sets across various disciples of optometry with an entrepreneurial approach to start and manage a successful optometry practice.
PO8	<b>Entusiasm for research:</b> Demonstrate a through understanding of research techniques analysis of scientific literature,able to conduct quality research work in order to contribute significantly in evidence-based practices of optometry.
PO9	<b>Professional ethics:</b> Adhere to the ethical guidelines of integrity, objectivity, confidentiality, competency, behavior, and accountability in optometric clinical practice and research work.
PO10	<b>Leadership &amp; Team work:</b> Effectively manage clinical situations and exhibit visionary goal setting, conflict resolution, decision-making, problem-solving, and fostering Interdisciplinary collaborative practice.
PO11	<b>Collaboration with different healthcare professionals:</b> Crucial for delivering high-quality patient care which includes enhanced communication, better resource utilization, innovation, problem-solving & communicating with different healthcare professionals for improved patient outcomes.
PO12	<b>Holistic development:</b> Comprehensive development in the areas of self-awareness, Emotional intelligence, stress management, and Time management.
PROGRAM SPECIFIC OUTCOME (SPOs)	
Course Code	M.Optomtry
SPO1	Develop advanced clinical expertise in diagnosing various ocular conditions.
SPO2	Able to efficiently use advanced optometric instruments for diagnostics
SPO3	Develop proficiency in specialized fields of optometry which includes Contact lenses, Binocular Vision ,Pediatric Optometry, Low vision , Dispensing, Neurooptometry and Applied Vision Therapy.
SPO4	Gain specialized knowledge and skills in handling complex case senarios
SPO5	Able to conduct high-quality research that contributes to the scientific literature in the field of optometry.
SPO6	Collaborate with multidisciplinary healthcare professionals
SPO 7	Able to take informed clinical decisions for evidence-based best practices
SPO8	Understands the ethical and legal considerations in optometry practice
SPO9	Develop leadership qualities and play a role in public eye health initiatives, and understanding the societal and global implications of vision impairment,
Course Outcomes (COs)	
Course Code	M.Optomtry
SEMESTER I	
MOPTOM 101 T	Epidemiology Public health & Community Eye Health
CO1	Develope a thorough understanding of epidemiological concepts,study design and its implications in research and to know the Concept of Health and Disease
CO2	Demonstrate a better understanding of Health Information and Basic Medical Statistics , Communication for Health Education , Health Planning and Management, Health care of community
CO3	Well-versed with the concept of visual impairment,its causes,national and global burdern,Preventive strategies,screening programe, Regulatory international and national bodies and their initaive
CO4	Able to comprehend epidemiological research article and exhibit practical skills for organising community outreach programe
MOPTOM 102 T	Anterior Segment Diseases & Dignostic
CO1	Develop a through understanding of anatomical considerations of anterior segment structures.
CO2	Able to understand the clinical presentation, formulate differential diagnosis of anterior segment anomalies
CO3	Demonstrate competent skills in anterior segment evaluation.
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.

<b>MOPTOM 105 CP</b>	<b>MOPTOM Directed Clinical Education-I</b>
CO1	The primary focus is on developing students' clinical skills, diagnostic abilities, and patient care expertise through supervised training in the real world clinical settings. Students should be able to demonstrate proficiency in comprehensive eye examinations, specialized optometric procedures, Interpret clinical findings for formulating management strategies and to co manage the conditions with a multidisciplinary approach utilizing critical discussion making and problem solving skills while exhibiting professional and ethical behavior in clinical settings.
<b>SEMESTER II</b>	
<b>MOPTOM 106 T</b>	<b>Posterior Segment Diseases &amp; Diagnostic</b>
CO1	Develop a thorough understanding of anatomical considerations of posterior segment structures.
CO2	Able to understand the clinical presentation, formulate differential diagnosis of posterior segment anomalies
CO3	Demonstrate competent skills in posterior segment evaluation.
<b>MOPTOM 107 T</b>	<b>Advanced Contact Lenses</b>
CO1	Have a thorough understandings of basic concepts of contact lenses and identify the potential contact lens patients
CO2	Demonstrate competent skills in RGP, Soft Contact Lens Fitting and Evaluation, Ordering and verification of lenses.
CO3	Well-versed with the concept of contact lens care and maintenance and complications.
CO4	Able to train patients for contact lens use and have a thorough understanding of contact lens market availability
<b>MOPTOM 108 T</b>	<b>Binocular Vision and Pediatric Optometry</b>
CO1	Develop a thorough understanding regarding anatomical and physiological aspect of visual development
CO2	Able to understand the clinical presentation, formulate differential diagnosis of Pediatric Ocular Diseases
CO3	Demonstrate competent skills in evaluating binocular vision parameters and identifying its anomalies
CO4	Have a thorough understandings of Management guidelines for above anomalies
<b>MOPTOM 109 T</b>	<b>Low vision and Rehabilitation</b>
CO1	Have a thorough understandings of basic concepts of Low vision and identify the potential low vision patient.
CO2	Well-versed with the legal aspect of Low Vision
CO3	Able to understand the clinical presentation and efficiently evaluate and analyse a Low vision case
CO4	Demonstrate competent skills in providing rehabilitation training
<b>MOPTOM 111 CP</b>	<b>MOPTOM Directed Clinical Education-II</b>
CO1	The primary focus is on developing students' clinical skills, diagnostic abilities, and patient care expertise through supervised training in the real world clinical settings. Students should be able to demonstrate proficiency in comprehensive eye examinations, specialized optometric procedures, Interpret clinical findings for formulating management strategies and to co manage the conditions with a multidisciplinary approach utilizing critical discussion making and problem solving skills while exhibiting professional and ethical behavior in clinical settings.
<b>Skill Enhancement Course</b>	
<b>SEC 001 T</b>	<b>Innovation and Entrepreneurship</b>
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.
<b>SEC 002 T</b>	<b>Science Communication: Research Productivity and Data Analytics using Open Source Software (NPTEL)</b>
CO1	Develop clear and concise scientific reports, presentations, and visualizations.
CO2	Apply open-source tools for research documentation and publication.
CO3	Understand the principles of Open Science and its impact on research dissemination.