

COURSE: BSc OPTOMETRY

INTRODUCTION: B.Sc. Optometry is an Undergraduate Program which deals with the examination, diagnosis, and management of diseases of the visual system. This course is synonymous with eye care & visual health. It trains the students to work as professionals whose main intent is to assess the vision of patient, prescribe & fit lenses to improve their vision

Objectives: The Course is designed to develop

- an ophthalmic manpower in the country with all the theoretical and practical knowledge to become a qualified optometrist
- a dynamic & challenging paramedical career to the aspirants.

Duration: Four years including One year internship

Course Structure:

First Semester Subjects	Second Semester Subjects	Third Semester Subjects
<ul style="list-style-type: none">• Anatomy• Physiology• Biochemistry• Medical Terminology• English	<ul style="list-style-type: none">• Ocular Anatomy, Physiology & Biochemistry• Physical Optics and Principles of Lighting• Geometric Optics• Kannada• Healthcare	<ul style="list-style-type: none">• Optometric optics• Applied Pathology• Applied Microbiology• Computer application/programming• Environment science and Health
Fourth Semester Subjects	Fifth Semester Subjects	Sixth Semester Subjects
<ul style="list-style-type: none">• Applied Pharmacology• Clinical Examination of Visual System and Optometric Instruments• Visual optics• Biostatics and Research methodology• Constitution of India	<ul style="list-style-type: none">• Dispensing Optometry and occupational optometry• Contact Lens• Ocular Diseases• Medical Psychology	<ul style="list-style-type: none">• Systemic Diseases• Low vision aids & Geriatric Optometry• Binocular single vision, Pediatric Optometry and Recent Advances• Basic OT management

Special features:

- Highly qualified competent faculty members to develop a high degree of conceptual skills, analytical skills & high-quality technical knowledge to the students.
- Updated Course Curriculum that can develop competency in candidates who in turn can manage ophthalmic disorders.

Career opportunities:

- Practice independently as an Optometrist
- Practice in optical establishments, Corporate & Private Hospitals, NGOs.
- Run optical shops and setups to dispense of visual aids.
- Start own specialty clinic like contact lenses, Computer vision, Orthoptics.
- Plethora of jobs in manufacturing and distribution sectors of ophthalmic lenses, contact lenses and ophthalmic instruments.
- Work with multinational eye care companies like Bausch & Lomb, Essilor, Zeiss, etc.
- Pursue M.Sc and PhD programs and take up teaching Optometry as a career.
