



**SINDH INSTITUTE OF OPHTHALMOLOGY &
VISUAL SCIENCES (SIOVS)
SCHOOL OF OPTOMETRY**



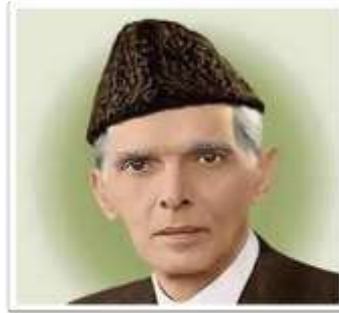
PROSPECTUS
BS VISION SCIENCES
SESSION 2025-26

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APPROVED FROM
HIGHER EDUCATION COMMISSION
5 YEARS UNDERGRADUATE
DEGREE PROGRAM

QUAID E AZAM MUHAMMAD ALI JINNAH



With faith, discipline and selfless devotion to duty, there is nothing worthwhile that you cannot
ACHIEVE.



Dr. Azra Fazal Pechuho
Minister Health



Mr. Rehan Iqbal Baloch
Secretary Health



VISION STATEMENT

The School of Optometry & Vision Sciences at Sindh Institute of Ophthalmology & Visual Sciences (SIOVS) aims to be a center of excellence, advancing eye care and vision sciences through innovative education, research, and community services.

MISSION STATEMENT

To provide high-quality vision sciences education, conduct innovative research, and deliver community-oriented services, empowering students to become competent professionals and leaders in eye care, promoting vision health, accessibility, and inclusivity.

INTRODUCTION

The Eye Hospital Hyderabad was established by the Government of Pakistan in 1963. In 1967 this eye hospital was declared as the teaching eye hospital in the field of Ophthalmology by affiliating with Liaquat Medical College Hyderabad/Jamshoro and was named as Liaquat Medical College Eye Hospital.

In the year 2000, the Liaquat Medical College was upgraded to the status of university and subsequently the Eye Hospital was once again named as Liaquat University Eye Hospital and subsequently called as Liaquat University Eye Hospital (LUEH).

Incidentally, it was the Golden Jubilee of the Eye hospital, the Sindh Institute of Ophthalmology & Health Sciences Eye Hospital became the successor of LUEH, with the relentless efforts of Prof. Dr. Khalid Iqbal Talpur (the Founding Executive Director).

The Sindh Institute of Ophthalmology & Visual Sciences (SIOVS) Eye Hospital, Hyderabad; the successor of Liaquat University Eye Hospital (LUEH), has been established by SIOVS Act NO.XXVI of 2013 by Sindh Assembly on 9th March 2013 by up-gradation of Liaquat University Eye Hospital.

Keeping in view the benchmarked success in terms of eye care services, training, teaching, research, and community work of this Institute, Sindh Assembly passed the Sindh Institute of Ophthalmology and Visual Sciences (Amendment) Act 2019 of Sindh Act NO.XIV of 2019, and awarded the status of a Degree Awarding Institute (DAI) in the field of ophthalmology, health, and Bachelor of Science in Optometry program was officially passed, marking a significant step toward advancing eye care education and professional standards in Pakistan.

The Eye Hospital of SIOVS is fully accredited and approved as training hospital for CPSP fellowship and membership trainings. This Institute is also approved for 2nd fellowship in Orbit & Oculoplastics and Pediatric Ophthalmology.

We are proud to announce that in May 2025, the Higher Education Commission of Pakistan granted accreditation and officially approved the launch of Bachelors of Science in Vision Sciences (5 Years degree program) This milestone reflects our commitment to producing highly skilled optometrists who will play a vital role in improving eye health at both community and clinical level.

Welcome to SIOVS

A Forward-Looking Perspective

Shape Your Future with Us

Rooted in a tradition of innovation, excellence, and aspiration, The SIOVS nurtures talent without limits, offering a world-class education that builds the skills, leadership, and determination required to thrive globally.

SIOVS- Vision for a Brighter Tomorrow

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Prof.Dr Khalid Iqbal Talpur
EXECUTIVE DIRECTOR
Founder of SIOVS



Prof. Dr. Khalid Iqbal Talpur is the founding Executive Director of the Sindh Institute of Ophthalmology & Visual Sciences (SIOVS), Hyderabad. A hardworking and dedicated professional, he consistently looks toward the future with a vision for progress. Holding the prestigious FRCS qualification and having gained international experience in the United Kingdom (UK) in the field of Ophthalmology, he is actively working to upgrade, modernize, and enhance the hospital's standards in teaching, training, and patient care. His mission is to develop qualified and skilled human resources.

Dear Prospective Students,

Welcome to the School of Optometry, Sindh Institute of Ophthalmology and Visual Sciences (SIOVS) Eye Hospital in Hyderabad Sindh. It is with great enthusiasm that I invite you to explore the opportunity to enroll in our Bachelor of Science in Vision Science program, which spans five transformative years.

At SIOVS, we are committed to excellence in education, research, and patient care in the field of ophthalmology and allied health Vision sciences.

Our comprehensive curriculum is designed to equip students with the essential knowledge and practical skills needed to excel in optometry. You will learn from esteemed faculty members who are passionate about teaching and dedicated to mentoring the next generation of optometrists.

Joining our BS Vision Sciences program offers you the chance to engage in hands-on training and clinical practice, preparing you to meet the increasing demand for qualified eye care professionals. Our state-of-the-art facilities and advanced technologies will provide you with an unparalleled learning experience.

As a BSVS student at SIOVS, you will not only gain theoretical insights but also engage in community outreach programs, promoting eye health and vision care in our society. It is our mission to foster a deep understanding of the significance of eye health and to encourage our students to become compassionate and ethical practitioners.

We are excited to welcome you into our vibrant community of learners and professionals. Together, let's embark on a journey to advance eye care in our region and beyond.

Best wishes for your future endeavors, and I **look forward to seeing you at SIOVS.**

**Real Leadership is about
transforming limitations
into possibilities.
SIOVS, a dream became
reality.**

Medical Superintendent Message

Dear Prospective Students,
Welcome to the School of Optometry, Sindh Institute of Ophthalmology and Visual Sciences (SIOVS) Eye Hospital. As the Medical Superintendent, it is my pleasure to extend my warmest greetings to you as you embark on this exciting journey into the world of optometry.

Choosing to study optometry is not just about acquiring knowledge; it is about embracing a noble profession dedicated to improving and preserving the gift of vision. At SIOVS, we are proud of our mission to provide exceptional eye care and education, and you are now an integral part of this mission.

Throughout your first year, you will find yourself immersed in a rich learning environment where theory meets practice. Our experienced clinicians and faculty are dedicated to guiding you through the complexities of ocular health and visual sciences. You will gain hands-on experience in our state-of-the-art facilities, which are equipped with the

latest technologies to enhance your clinical skills.

In addition to your academic pursuits, I encourage you to actively engage with our patients during your clinical rotations. Doing so will not only enrich your learning experience but will also help you develop empathy and a deep understanding of the impact that eye care can have on people's lives. Every interaction you have forms a vital part of your professional development.

Remember, you are not just students of optometry; you are future advocates for eye health who will contribute to the betterment of our communities. As you progress through your studies, embrace every opportunity to learn, grow, and make a difference.

Dr. Shahzad Memon
Medical Superintendent
SIOVS Eye Hospital,
Hyderabad, Sindh,



THE RIGHT
INSTITUTE
BUILDS THE Path TO
YOUR FUTURE
WE ARE COMMITTED TO
SUPPORTING YOU EVERY
STAGE.



Dr. Pir Mohammad Ali Qureshi.
Incharge Academics
Sindh Institute of Ophthalmology
and Visual Sciences Hyderabad,
Sindh

Incharge Academic Message

Dear Prospective Students,

Welcome to the Sindh Institute of Ophthalmology and Visual Sciences (SIOVS)! As the Incharge of Academics, I am excited to introduce you to our Bachelor of Science in Vision science program an exceptional opportunity to engage in a fulfilling career dedicated to improving vision and eye health.

At SIOVS, we pride ourselves on offering a rigorous academic curriculum that blends theoretical knowledge with practical application. Our program is meticulously designed to ensure that you gain a comprehensive understanding of optometry, covering essential topics such as primary eye care, research, ocular anatomy, visual science, and the latest advancements in diagnostic and therapeutic techniques eye care.

You will be taught by a team of experienced educators and industry experts who bring a wealth of knowledge and passion for optometry to the classroom. We emphasize a supportive and collaborative learning environment, where students are encouraged to ask questions, engage in discussions, and think critically about the challenges and opportunities in eye care.

Our curriculum not only emphasizes academic excellence but also focuses on developing your clinical skills through hands-on training in our modern facilities. As part of your education, you will have the chance to participate in community service initiatives, providing you with valuable experience while contributing positively to society.

We are committed to fostering an environment that cultivates innovation, ethical practice, and a lifelong love for learning. By choosing to study at SIOVS, you are embarking on a path that will enable you to make a significant difference in the lives of individuals through enhanced vision care.

We look forward to welcoming you into our academic community and supporting you on your journey to becoming a skilled and compassionate optometrist.

Best wishes.

Deputy Controller of Examination Message

It is with great honor and heartfelt enthusiasm that I welcome all newly admitted students to the Sindh Institute of Ophthalmology and Visual Sciences (SIOVS). As you take your first steps into this institution, know that you are entering not just a place of learning, but a vibrant academic community dedicated to excellence in eye care education, clinical training, and human development. We are especially excited to welcome the very first batch of the Bachelor of Science in (BS Vision Sciences) program—trailblazers who are helping shape the future of this field in Pakistan.

The launch of the BS Vision Sciences program is a significant milestone for SIOVS, and we are proud to support this initiative through a reliable and transparent examination system. As the Deputy Controller of Examinations, I assure you that every aspect of the assessment process has been carefully designed to uphold academic integrity and fairness. While we have not yet implemented digital examination platforms, our traditional systems are backed by clearly defined procedures, committed staff, and a strong focus on quality and accuracy.

Our Examination Department manages all processes—from student registration and examination scheduling to paper assessment and result declaration—with meticulous attention and confidentiality. The assessment structure for the BS Vision Sciences program includes internal evaluations, practical, and comprehensive final exams, all geared to support student growth and prepare you for real-world clinical challenges.

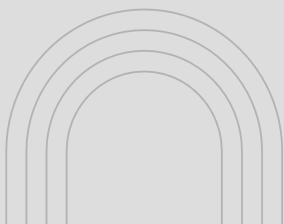
At SIOVS, we view examinations not merely as a formality, but as a meaningful part of the educational journey—an opportunity for students to reflect, demonstrate learning, and grow in confidence and competence.

To our new students: we are truly delighted to have you with us. Your journey here will be filled with discovery, development, and the pursuit of excellence. You are the future of eye care, and we are committed to supporting you every step of the way.

Wishing you success, strength, and an enriching academic experience at SIOVS.



Ms. Durnaz Bugti
Deputy Controller Of Examination
Sindh Institute of Ophthalmology
and Visual Sciences (SIOVS)



Deputy Director of Ophthalmic Community Services Message



Mr. Jalil Ahmed Rajper
Deputy Director of Ophthalmic
Community Services
Sindh Institute of Ophthalmology
and Visual Sciences (SIOVS)

It is with immense pride and commitment that I extend this message to prospective students of the Bachelor of Science in Vision Sciences program. The Community Eye Health Services Department at SIOVS Hyderabad has been a cornerstone in advancing the eye health agenda in Sindh, working tirelessly to bring equitable, accessible, and quality eye care to the doorsteps of underserved populations.

Through the Prevention of Blindness and Control (PCB) Cell, Government of Sindh, our department has taken the lead in planning, executing, and monitoring comprehensive eye health strategies. These initiatives are grounded in strong public-private partnerships and supported by renowned international organizations, including CBM (Christian Blind Mission), The Fred Hollows Foundation (FHF), and The Brien Holden Foundation (BHF). Together, we have launched impactful community-based eye care projects, epidemiological surveys, and inclusive school eye health programs.

A key element of our work has been the recognition and integration of optometrists as primary eye care providers. Through strategic deployment at Rural Health Centers (RHCs), Taluka hospitals, and vision screening programs, we have created meaningful employment opportunities for Vision Sciences graduates, reinforcing their role in early diagnosis, vision correction, low vision rehabilitation, and timely referrals. These initiatives not only strengthen the referral system to tertiary care hospitals but also reduce the burden on ophthalmologists and enhance service delivery at the grassroots level.

Our vision is to develop a future-ready Vision Sciences (Optometrist) workforce equipped with clinical, research, and community health skills. The BS Vision Sciences program at SIOVS is aligned with this mission — nurturing professionals who are not just clinicians but also public health advocates, innovators, and change-makers in eye care.

I encourage all aspiring eye care professionals to embrace this noble field. Together, let us build a world where preventable blindness is eliminated, and every individual — regardless of geography or income — has access to quality vision care.





"At the School of Optometry & Vision Sciences, we are committed to the success of every graduate. Our students actively participate in career exploration activities that enhance their educational journey, help them understand the importance of personal and professional growth, and support them in achieving their career goals—ultimately empowering them to make meaningful contributions to society."

Explore how the School of Optometry & Vision Sciences ensures student success through comprehensive support—visit us today



10 mins

by car

From City and easily accessible via the motorway, convenient access for students from neighboring cities

Conference Room

One decently furnished state-of-the-art conference rooms having seating capacity of more than 50 persons each with inbuilt sound system are available in the Institute for Board/Faculty meetings and for organizing training programs, seminars, and workshops with a smaller number of participants.

Internet and Wi-Fi

Computers with internet and Wi-Fi connections are available for students and teachers to use for study and research purposes. A team of competent library professionals is always on hand to provide reference and research assistance, ensuring that all users have the support they need for their academic endeavors.



Advice and Counseling

The Institute offers comprehensive student support services including Admissions, Placement, IT, HR and Accounts offices to facilitate students. Each student has free access to department heads for advice and counseling, aiding them in personal and academic challenges, and guiding their career decisions during their time at Institute.

IT Facilities

The ICT department ensures SIOVS academic and administrative computing facilities are adequate and efficient. Wi-Fi and cloud computing are available campus-wide, supported by a high-speed Fiber Optic network connected workstations across academic and administrative units.

Library

Our library users can search for books, locate racks, check book availability, place holds, and will be access HEC Digital Library databases, access to thousands of online journals streamlining library functions.



Security

CCTV cameras with night vision features have been installed in the hospital and school of optometry to ensure full security from all entry points to various

Sections of the institute including teaching and administrative departments. The height of surrounding wall has been increased. Walkthrough gates, metal detectors, and (Face ID) to sign into a device have also been installed to have fool proof security arrangements.



COMMUNITY EYE HEALTH SERVICES ACROSS SINDH



The goal of community eye health services is health promotion and health education to improve access to eye care, prevent blindness and promotes preventive measures by creating awareness for the overall eye health within community

The Community Ophthalmology Department, in the strategic planning, aims to get certified with ISO and PMI to internationalize the working scope, standards, and parameters, to better integrate into the society and make well-informed with the increasing market and organization's pace.

The institute also desires to develop a robust mechanism for working in community eye health with the increasing demands towards making eye health inclusive and leaving no one behind. Keeping in view of the changing realities and scenarios, SIOVS also intends to change its work from the community to an inclusive community eye health department in the next couple of years.

In a landmark initiative, the Sindh Institute of Ophthalmology and Visual Sciences (SIOVS) has led the deployment of qualified optometrists in the Rural Health Centers (RHCs) of Sindh, a bold step toward bridging the eye care gap in Pakistan's underserved regions. This mission, made possible under the visionary umbrella of global and national partners including CBM, Sightsavers, BHF, FHF, HANDS NGO, and the PCB Cell, is not just about Eye care service—it is about hope, access, and empowerment.

Through this effort, communities once left in the shadows of avoidable blindness now receive comprehensive eye care, thanks to the tireless work of trained optometrists—many of whom began their journey with a Bachelor of Science in Vision Sciences.

As a BS Vision Sciences student, you are not only choosing a profession; you are stepping into a movement—a movement to transform vision into opportunity, compassion into action, and science into social impact. Your education here prepares you to serve with skill, lead with empathy, and innovate with purpose.

Join us, and become part of a generation that sees the unseen, heals the forgotten, and builds a future where no one is left in the dark.





O.P.D.
BLOCK



SIOVS Teaching Eye Hospital

SIOVS Teaching Hospital (SIOVS), established 13 years ago, is a 90-bed Eye hospital accredited by College of Physicians and surgeons and Higher Education Commission and Sindh Medical Faculty. SIOVS is a licensed teaching hospital by the Sindh Healthcare Commission (SHC). It offers state-of-the-art education and infrastructure for students in Optometry, and postgraduate FCPS, MCPS and 2nd fellowship in Orbit and Oculoplastics & Pediatric Ophthalmology & Glaucoma.

SIOVS provides comprehensive Eye care services free of cost, including corneal grafting, total squint surgeries, angiography, OCT, FFA scans, and Diabetic retinopathy and keratitis treatment. With an average of 1200 OPD patients, 60 admissions, and 50 surgeries daily, SIOVS is committed to quality healthcare for underprivileged communities. A dedicated team of qualified Eye care professionals ensures continuous service delivery and healthcare excellence.



“The Sindh Institute of Ophthalmology & Visual Sciences (SIOVS) Hyderabad provides in-house training to its allied health sciences students through SIOVS Teaching Eye Hospital, ensuring hands-on experience and high-quality education in a real-world healthcare setting”

Empowering Students, Strengthening Communities

ADMINISTRATION AND FACULTY MEMBERS



Prof. Dr. Khalid Iqbal Talpur
Executive Director



Mr. Mushtaq Ahmed Shoro
Advisor



Dr. Pir Muhammad Ali Qureshi
Incharge Academics



Dr. Shahzad Memon
Associate Professor /
Medical Superintendent



Mr. Raja Raffay Nizamani
Deputy Director Administration



Mr. Jalil Ahmed Rajper
Deputy Director Ophthalmic
Community Services



Mr. Irfan Memon
Deputy Director ICT Cell



Mr. Asif Ali Chakrani
Deputy Director Finance



Ms. Noor ul Huda
Principal School of Optometry &
Vision sciences



Ms. Durnaz Bugti
Deputy Controller Examination
School of Optometry & Vision Sciences



Dr. Fariha Sher wali
Assistant Professor



Dr. Rafeen Talpur
Assistant Professor



Dr. Asra Talpur
Assistant Professor



Dr. Shehnilla Shujaat
Assistant Professor



Dr. Syed Muhammad Faisal
Assistant Professor



Dr. Nazish Rizwan
Assistant Professor



Dr. Mohsin Iqbal Haroon
Assistant Professor



Dr. AbdulAdnan Majeed
**Senior Registrar/PG-
Academic Coordinator**



Dr. Naeemullah Shaikh
OPD Incharge



Dr. Yar Muhammad Waryah
Assistant Professor Research



Mr. Mehran Memon
Lecturer/ Assistant Director ICT

Regular Optometrists and Orthoptists



Mr. Zahid Hussain
Lecturer/ Orthoptist



Mr. Tofique Hussain
Lecturer/Orthoptist



Mr. Sajjad Hussain
Lecturer/ Optometrist



Mr. Imtiaz Ali
Lecturer/ Optometrist



Ms. Sumbul Samo
Optometrist/Low Vision



Mr. Kamran Ali
Optometrist



Ms. Sahiba
Optometrist



Ms. Shahbahat
Optometrist



Mr. Rahib Ali Lakho
Optometrist



Mr. Abdul Qadir Jamali
Orthoptist



Mr. Muhammad Ahmed Hassan
Orthoptist

Contractual Optometrists

Under the umbrella of the Sindh Institute of Ophthalmology and Visual Sciences (SIOVS), a number of qualified optometrists have been strategically deployed across various healthcare facilities. These placements have been made possible with the valued support of international non-governmental organizations (INGOs), local NGOs, and the Prevention of Blindness Cell (PCB). The initiative aims to strengthen eye care services at the grassroots level, particularly through the Rural Health Centers (RHCs) across Sindh. Below is the updated list of deployed optometrists serving in collaboration with SIOVS.

S.No	Optometrist	District	Supported By	S.NO	Optometrist	District	Supported By
1	Ms.Aaisha Bhutto	Hyderabad	SIOVS	25	Ms. Fakhira Khan	Dadu	Hands
2	Miss Iqra Mughal	Hyderabad	SIOVS	26	Ms. Saba Akram	Dadu	Hands
3	Miss Hina Mansoor	Hyderabad	SIOVS	27	Mr. Tufail Ahmed	Dadu	Hands
4	Pirah Naz	Khairpur Mirs	PCB	28	Ms. Baby Maria	Larkana	Hands
5	Miss Shaneela Gul	Khairpur Mirs	PCB	29	Ms. Zainab Ranjhani	Larkana	Hands
6	Sirajuddin	Khairpur Mirs	PCB	30	Ms. Muskurahat Naz	Larkana	Hands
7	Miss Kousar Parveen	Shaheed Banzirabad	PCB	31	Ms. Manisha	Larkana	Hands
8	Mr Ali Jan Soomro	Khairpur Mirus	PCB	32	Mr. Manoj Kumar	Larkana	Hands
9	Mr Zafarullah	Shaheed Banzirabad	PCB	33	Mr. Abdul Khalil	Larkana	Hands
10	Mr Irfan Ali	Naushehroferoz	PCB	34	Mr. Mudasar Ali	Matari	CBM
11	Mr Abdul Ghafoor	Shaheed Banzirabad	PCB	35	Mr. Burhanuddin	Matari	CBM
12	Mr. Kibria	Shaheed Banzirabad	PCB	36	Mr. Haseeb Malik	Matari	CBM
13	Ms. Noor Saba	Naushehroferoz	PCB	37	Ms. Sumera	Matari	CBM
14	Mr. Muzamil Hussain	Kambar Shahdadkot	PCB	38	Ms.Qamar Hameed	Hyderabad	CBM
15	Mr. Majid Ali	Naushehroferoz	PCB	39	Ms. Akasha	Hyderabad	CBM
16	Mr. Kamran Ali	Naushehroferoz	PCB	40	Ms. Piryanka	Matari	CBM
17	Mr. Abid Ali	Mirpurkhas	PCB	41	Mr. Rizawan Ali	Badin	BHF
18	Mr. Niaz Muhammad	Mirpurkhas	PCB	42	Ms. Andleeb Awan	Sanghar	FHF
19	Ms. Mahnoor	Mirpurkhas	PCB	43	Ms. Zainab	Sanghar	FHF
20	Ms. Fiza Sen	Mirpurkhas	PCB	44	Mr. Mazahar Ali	Khairpur Mirs	SIOVS KHP
21	Ms. Amara Shaikh	Kambar Shahdadkot	PCB	45	Ms. Samana	Khairpur Mirs	SIOVS KHP
22	Mr. Waqar Ali	Dadu	Hands	46	Ms. Karishma	Khairpur Mirs	SIOVS KHP
23	Mr. Kashif Ali	Dadu	Hands	47	Ms. Sadaf Fatima	Khairpur Mirs	SIOVS KHP
24	Ms. Naila Shah	Dadu	Hands				

BS VISION SCIENCES

BASIC SCHEME OF THE PROGRAM

Study Level: Undergraduate

Program Duration: 5 years (10 semesters) Credit Hour 160

Eligibility Criteria:

- Intermediate (Pre-Medical) or recognized equivalent with 60% marks. Qualifying Entry Test with 50% marks.
- 15 seats open merit-based, 1 seat is reserved for an eligible candidate from a province other than Sindh.
- 5 seats for Self-Finance candidates.

Goal:

The primary goal of the Bachelor of Science in Vision Sciences program is to produce competent, compassionate, and community-oriented optometrists who are equipped with the knowledge, clinical skills, and ethical grounding necessary to address the growing burden of visual impairment and eye health challenges in Pakistan and beyond.

Total number of credit hours	160
Duration	5 years
Semester duration (16 for teaching and 2 for examination)	16-18
Semesters	10
Course load per semester	15-18
Number of courses per semester	6-7

Scheme of Studies for Bachelor of Science (5Years) in BS Vision Sciences Curricula Under Uniform Framework

Semester I			Semester IV			Semester VII		
S.No	Course Title	Cr.hr	S.No	Course Title	Cr.hr	S.No	Course Title	Cr.hr
1	Anatomy-I	18	22	Ocular Pharmacology	18	41	Low Vision-I	15
2	General Physiology		23	Anterior Eye Diseases		42	Binocular Vision Anomalies & Therapy 1	
3	Chemistry		24	Ocular Investigation		43	Clinical Optometric Procedure-V	
4	Computer Skills		25	OPD, Ward and OT Procedure		44	Geriatric Optometry	
5	English Foundation		26	Inclusive Eye Health		45	Pediatric Optometry	
6	Islamic Studies / Ethics		27	Civics And Community Engagement		Semester VIII		
7	Introduction to Optometry		28	Clinical Optometric Procedures –II		S.No	Course Title	Cr.hr
Semester II			Semester V			46	Low vision –II	15
S.No	Course Title	Cr.hr	S.No	Course Title	Cr.hr	47	Binocular Vision Anomalies & Therapy 2	
8	Anatomy-II	18	29	Visual Perception & Neurophysiology	17	48	Entrepreneurial Strategy	
9	Pakistan Studies		30	Community Optometry –II		49	Clinical & Community Practice	
10	Psychology		31	Contact Lens - I		50	Epidemiology & Biostatistics	
11	Biochemistry		32	Posterior Eye Diseases		Semester IX		
12	General Pharmacology		33	Dispensing Optics		S.No	Course Title	Cr.hr
13	Expository Writing		34	Clinical Optometric Procedure-III		51	Clinical rotation (Special & Optometric)	12
14	History		Semester VI			52	Occupational & Environment Optometry	
Semester III			S.No	Course Title	Cr.hr	53	Research Scientific Writing	
S.No	Course Title	Cr.hr	35	Contact Lens -II & Prosthetic Eye	17	Semester X		
15	Ocular Anatomy & Physiology	18	36	Neurological Eye Disease		S.No	Course Title	Cr.hr
16	Physical Geometrical Optics		37	Dispensing Optics-II/Optical Lab		54	Research Project	12
17	Microbiology and Infection Control		38	Ocular motility and Binocular vision		55	Clinical Rotation (Clinical & Community)	
18	Visual Clinical Optics		39	Community Optometry-III				
19	Mathematics		40	Clinical Optometric Procedure-IV				
20	Public Health & Community Optometry-I							
21	Clinical Optometric Procedures-I							

SCOPE OF BS VISION SCIENCES (OPTOMETRY)

(Pakistan | International)

NATIONAL SCOPE - PAKISTAN

- **Government Sector**
 - Rural Health Centers (RHCs), Basic Health Units (BHUs), and district hospitals and SIOVS, COVAS, PICO.
 - Vision screening & refraction services under SIOVS, PCB, Sightsavers, CBM, HANDS, and BHF.
- **Clinical Practice**
 - Independent optical clinics
 - Eye hospitals and laser surgery centers
 - Optical retail chains & diagnostic labs
- **Teaching & Research**
 - Faculty positions in optometry and vision sciences institutions
 - Research assistants in eye health & public health projects
- **NGO & Outreach Work**
 - School screening programs
 - National eye health programs
 - Mobile vision units in remote communities

INTERNATIONAL SCOPE

Higher Education & Specialization

Doctor of Optometry (OD), MS, MPhil, PhD

- Sub-specialties: Pediatric Optometry, Low Vision, Contact Lenses, Orthoptics

Career Opportunities Abroad

- USA, UK, Canada, Australia, UAE, New Zealand
- Licensed practice in hospitals, optical chains, refractive surgery centers

Global Health & Public Vision Programs

- Employment in WHO, IAPB, international NGOs
- Eye care delivery in underserved populations globally

Licensing & Registration

- Eligibility for foreign licensing exams (e.g., NBEO-USA, GOC-UK, COA-Canada, SCFHS-Saudi Arabia, DHA - Dubai)
- Potential migration and job placement in healthcare systems overseas

Career Outlook

Optometry is one of the fastest-growing healthcare professions globally. In Pakistan, its integration in the primary eye care system has created vast employment and entrepreneurship opportunities. Internationally, the profession offers recognition, stability, and potential for growth with advanced training and licensing.



ADMISSION POLICY & PROCESS

Academic Qualification

- **Higher Secondary Certificate (HSC) / Intermediate (FSc Pre-Medical)** or equivalent (AKU-EB, Cambridge Board etc.) (Intermediate completion time period within 3 years those students can be apply for this admission) 2023, 2024 & 2025.
- Minimum **60% marks** in Physics, Chemistry, and Biology.
- For international students: Equivalent certification with equivalence letter from the national education authority (e.g., IBCC for Pakistan)
- **Age Limit:** Typically **17 to 23 years** at the time of admission (flexible by institution).

Admission Process

1. Application Submission

- Online or physical application through the Institute portal or admission office
- Submission of required documents:
 - Academic transcripts
 - CNIC/B-Form or Passport (for international students)
 - Recent passport-sized photos white background
 - Domicile certificate

2. Entry Test

- Conducted by the SIOVS examination Branch.
- Subjects: Biology, Physics, Chemistry, Basic English comprehension & Logical Reasoning
- Minimum passing marks: Typically 50%

3. Interview

- Personal interview or counseling session with the admissions committee
- Purpose: To assess interest in the field, communication skills, and motivation.

4. Merit List & Selection

- Merit-based selection using weighted criteria:
- 10% – Academic qualification (SSC Science Group)
- 40% – Academic qualification (Group Pre Medical- Intermediate/HSC/AKU/Cambridge System)
- 30% – Entry test score
- 20% – Interview

5 Offer of Admission

- Successful applicants receive an official offer letter
- Submission of acceptance form and initial fee deposit to confirm admission

6.. Enrollment & Orientation

- Enrollment in courses and student ID generation
- Orientation program to introduce students to faculty, lab protocols, curriculum, and campus facilities

7. Documents Required at Admission

- Original and attested copies of SSC & HSC or equivalent certificates
- CNIC/B-Form
- Passport-sized photographs (x6) white background
- Domicile Sindh.
- Medical Fitness Certificate & Affidavit

Academic Calendar for the School of Optometry & Vision Sciences

This calendar is structured around a semester system (2 semesters per academic year), with a fall intake starting in September, aligning with HEC guidelines.

First Year | Fall Intake 2025

Term	Dates	Activities
Advertisement & Admissions Open	July 1 st - August 5 th , 2025	Newspaper, Wall posters, Social Media Awareness, Application form open
Admissions Test/Interview	August 24 th – 20 TH September, 2025	Entrance test/admission interviews
Merit List & Admission Finalization	September 22 th - 27 th , 2025	Display of merit list, fee submission, enrollment
Orientation Week	October 9 th , 2025	Welcome, program intro, campus tour, handbook distribution
Classes Commence (Fall Semester)	October 10th, 2025	Regular teaching begins
Midterm Exams	December 8 th – 16 th , 2025	In-semester assessment (30% weightage)
Winter Break	December 25, 2025 – December 31 st , 2025	Vacation and Midterm result compilation
Final Examination Eligibility List	February 23 rd 2026	Attendance,Midterm,Class Assessment weighted
Preparatory Leave	February 23 rd –,28 th 2026	Reading week
Final Exams (Fall)	March 2 nd –14 th , 2026	End-of-semester exams
Result Announcement (Fall Semester)	March 31 st , 2026	Grades published, result uploaded to student portal

Second Semester (Spring 2026)

Term	Dates	Activities
Classes Start	April 1 st , 2026	Spring semester begins
Midterm Exams	June 1 st – 8 th , 2026	Mid-semester evaluation
Last Day of Classes	August 8 th , 2026	Semester ends
Final Exams (Spring)	August 17 th –29 th , 2026	End-of-semester exams
Summer Break	August 31 st – 26 th , 2026	Optional summer research, hospital internship, o clinical exposure programs
Next Fall Semester Begins	September 28 th , 2026	Second Year Fall semester starts for batch 2025

Notes:

- **Total Credit Hours per Semester:** 16–18 (mix of theory, lab, and clinical).
- **Clinical Rotations:** Introduced from 3rd semester onward.
- **Research Project:** Starts in 8th semester and continues through final year.

Annual Curriculum Review: **Every July (before new batch starts).**



The Following is the Fee structure for the Bachelor of Science in Vision Sciences

Undergraduate program as of 2025-2026

Classification of Fees	OPEN MERIT	SELF FINANCE
Prospectus & Application Processing Fees (Non Refundable)	Rs. 7000/=	Rs. 7000/=
Admission Fee (Non Refundable) (once at the time of admission)	Rs. 35000/=	Rs. 35000/=
Tuition Fee (per Semester)	Rs.75000/=	Rs.120,000/=
Exam Fee (Per Semester)	Rs.7000/=	Rs.7000/=
Library Fee (per Semester)	Rs.4,000/=	Rs.4,000/=
Student Activity Fee (per Semester)	Rs.5,000/=	Rs.5,000/=
Enrollement Fee (once at the time of admission)	Rs.5000/=	Rs.5000/=
Document Verification Charges (once at the time of admission)	Rs.5000/=	Rs.5000/=
Security Deposits (Refundable) (once at the time of admission)	Rs.20,000/=	Rs.20,000/=
Transport (Optional) (per month)	Rs.10,000/=	Rs.10,000/=
Total Fees	Rs.173,000/=	Rs. 218,000/=

Scholarships:

- 20% for student with 90% or above marks in 1st Semester.
- 10% for student with 80%–89.99% marks in 1st Semester.

Rules for the payment of Fee

- I. The admission fee and all mandatory dues shall be paid within fifteen (15) days from the date of issuance of the offer letter. Failure to do so may result in cancellation of the admission offer.
- II. Fee for 2nd, 3rd, and 4th - 8th Semester tuition fee (of the respective categories) will have to be paid within the specified time (Starting of Semester).
- III. Late fee after 15 days of issued challan will be charged if fee is not paid within the provided deadline as per rates below:
 - First month (after lapse of first month) 2.5% of tuition fee
 - Second month 5.0% of tuition fee
 - Third month 7.5% of tuition fee
 - Fourth month 10% of tuition fee

After four months of non-payment, the admission is liable to be cancelled and student will not be allowed to appear in any examination.

Amounts stated in the fee vouchers are excluded of all Bank Charges.

The Fee Structure may be revised by the Institute at any time during the course of the study, due to unavoidable circumstances. Failure student of if any subject will pay partial fees of next examination of Semester (Fall/spring). Fee of all categories will be increased by 10% every year.



Rules and Regulations

PREFACE

As per the ACT amendment 2019, SIOVS is authorized to offer HEC-approved undergraduate program. These rules apply to all undergraduate BS Vision Sciences program offered under the Semester System at the Institute.

SHORT TITLE AND COMMENCEMENT

The Regulations described hereunder shall be called The School of Optometry Semester Regulations, 2025 and shall come into force for all the enrolled students of the Institute at once. These Regulations are amendable from time to time with the approval of the Academic Council as and when required.

DEFINITIONS

In these Regulations unless the subject or context otherwise requires, the following expressions shall have the meanings hereby respectively assigned to them, that is to say:

School of Optometry” means a teaching and Examination Department maintained and Administered by the SIOVS.

- “Academic Year” means a period of 365 days. Academic year shall have normally two semesters namely; fall and spring.
- “Semester” means duration of sixteen to eighteen weeks of teaching, conduct of examination.
- “Authority” means any of the Authorities of the QEC & Academic specified in The School of Optometry Ordinance.
- “Credit Hour” means one hour student-teacher classroom contact in theory, or three hours in laboratory or practical work/project/studio work per week in a semester.
- “Faculty Workload refers to the comprehensive activities performed by a faculty member (appointed by the selection board on criteria as defined by HEC) where there is contribution to the accomplishment of individual activities and responsibilities, such as teaching classes, research activity, mentoring/advising activity, service to the Academic and administrative responsibilities.
- “Any member of the SIOVS Institute has the right to raise concerns or make a complaint regarding discrimination under this policy without fear of retaliation. Any and all inquiries regarding the application of this statement and related policies may be referred to QEC- SIOVS.

CREDIT HOURS FOR UNDERGRADUATE AND GRADUATE DEGREES

- A credit hour means teaching/earning a theory course for one hour each week throughout the semester.
- One credit hour in laboratory or practical work/project shall require lab contact of three hours per week throughout the semester as per the requirement of a program.
- The credit hours of a course are denoted by two digits within brackets with a hyphen in between. The first left side digit in brackets represents the theory part while the next second digit after hyphen represents the practical.
- Thus 3(3-0) means three credit hours of theory, while 3(2-1) means a total of three credit hours, of which two are of theory while one credit hour is for laboratory/studio work/field work/practical work supervised and graded by the faculty. Similarly 3(1-2) means a total of three credit hours, of which one is of theory while two credit hours are for laboratory/studio work/field work/practical work as per requirement of discipline.

Course	Duration of Class
Theory Course of 03 Credit Hours	3 classes of 01 hour per week or 1 classes of 1.5 hour per week or 1 class of 03 hours class per week
Practical (Lab) Work / Field Work of 01 Credit Hour	03 hours per week

COURSE LAYOUT FOR UNDERGRADUATE STUDENTS

In order to complete an undergraduate degree program successfully, the minimum and maximum limit of credit hours shall be as per prescribed scheme of studies.

- In BS Vision Sciences degree programs, major courses are classified into three categories.
 1. General Education courses
 2. Basic Medical Sciences
 3. Elective (courses from area of specialization/major study)
- 50-87 credit hours must be earned taking a sequence of introductory, intermediate and advanced level courses prescribed for the major area of concentration that means foundation and elective (courses of area of specialization).

For Basic Medical Sciences

The course for Basic Medical Sciences discipline will consist of 15 Cr.hr of curriculum towards the discipline specific areas.

For Major Courses

- These will consist of 65-70% of curriculum towards the discipline specific areas of concentration as required by Accreditation Council. All Undergraduate programs have a required component of 12 courses of 30 credit of General Education.
- HEC policy regarding weightage for major that means foundation and elective (courses of area of specialization), compulsory and related subjects as per templates/framework available on HEC website is also followed.
- BS Vision Sciences Degree Program usually includes theory courses, community work/ thesis/ research report/project and internship.

Theory:

A theory course is of 02 to 03 credit hours as per requirement of discipline.

Research Project:

Every student should write a project report/thesis/research report/project/ internship in the final year up to maximum of 03 credit hour individually on a research topic approved by ERC Department.

Internship:

Students should be encouraged to do internship in a relevant academic, research or business organization relating to the discipline chosen for specialization of maximum of 3 credit hours offered in any upper division semester as per requirement of discipline.

FALL/SPRING SEMESTER

There will be two regular semesters (fall, Spring) in an academic year. Fall/Spring semesters will spread over 16-18 weeks (inclusive of 1 – 2 weeks for exams).

The Institute can enroll students (if they fulfill their admission criteria) for Fall/Spring semester or for any single course and issue transcript with letter grades at the end of the semester.

The required course load for a full time undergraduate is minimum 15 credit hours per semester.

A graduate student must take at least 11 credit hours in fall and spring semesters to be classified as a full-time student.

Repeating Fail Courses

If a student obtained 'F' grade in any subject, s/he will be required to repeat the course , in next fall/spring semester exam, whenever offered by the respective Department.

Academic Calendar

The Institute publishes an Undergraduate catalogues which includes schedule of its whole academic year (including fall, spring semesters), Admission requirements, Academic Programs offered, key financial aid policies of the University and scholarship opportunities for the convenience of students and Faculty members. The calendar will include the following information.

- Semester starting date
- Holidays during the semester
- Semester termination date
- Mid-Term exam week Final exam week
- Result notification and transcript issues dates. Each transcript will have course grades, semester grade point average (GPA) and cumulative GPA (CGPA).

Controller of Examinations will be responsible for issuing the transcripts (and degree supplement form on request) to students and their faculty advisors in a timely manner to facilitate enrollment for the next semester or graduation.

- In case institute is closed due to unusual circumstances, then special makeup classes shall be arranged converting weekends or holidays to working days to cover the lapsed period of the students

ENROLMENT/REGISTRATION IN COURSES

- A student shall enroll himself/herself for each semester consecutively till the completion of degree program in which s/he was admitted.
- Student shall have to comply with the schedule for enrolment (payment of dues + submission of enrolment form) as notified from time to time.
- An application for enrollment on the prescribed form accompanied by the prescribed fees receipts shall be presented to the admin Office through the Department concerned according to notified schedule. Merely submission of fee or enrolment form doesn't mean completion of enrolment formalities.
- Failing to enroll timely shall lead to the cancellation of semester registration. However s/he is eligible to register when the same semester is offered next time subject to meeting the criteria of maximum duration of the program.
- Add and Drop of Courses
- The students may make any change (add/drop) in the enrolled course(s) within second week of classes commencement as per the relevant procedure prescribed by the Institute.
- No add and drop will be allowed after the third week of classes' commencement.

Attendance

- Attendance in classes is mandatory.
- A student having minimum 75% attendance in lectures and practical's (where applicable) separately shall be allowed to take the mid and final semester examination of the course.
- For a student participating and representing the University in sports/co-curricular activities of inter university/national/international level events, as verified by the Director of sports/co-curricular, the days actually spent by the student in such events shall be excluded from total lectures delivered. The percentage attendance shall be calculated after excluding this period.

MEDICAL CERTIFICATE

- There is no provision under the Semester Regulations to conduct supplementary/ special or re-sit examination. If a student fails to appear in any paper during mid or final examination, s/he is required to repeat it. In this case grade 'I' (Incomplete) will be indicated in the award list by the Faculty Member concerned which will also be depicted on the transcript.
- If a student who could not appear in any examination due to circumstances beyond his/her control i.e. serious accident, family tragedy death of a blood relation) and serious life threatening health issues only, will be required to submit a request on proper form within a week from end date of examinations in respective Department accompanied with required documentary evidences.
- Such application received after due date or incomplete evidences, shall not be accepted by the Department and rejected without any notice.
- The applications so collected will be forwarded by the Department to Examination Office.
- Such application will be considered and recommended by the following Committee, for onward consideration/approval of the competent authority.
- The Committee/Competent authority can regret any request on the basis of illogical reasons/submission of incomplete/ irrelevant/- forged documentary evidences:
 - I. Executive Director
 - II. Principal /Member
 - III. Medical Superintendent/Member
 - IV. Controller of Examination/Member

Library

The Library is open for the purpose of the study and research

All users must possess a current Institute ID card

Cell Phones should be switched off or be kept on silent mode in the library premises. **Circulation Rules:**

Reference book/ periodicals/ Journals will not be issued but only Photocopies.

Text book will be issued for limited period from Book Bank/Lending Library.

Students will have to return all books one week before the preparation leave for examination.

Users will not misuse this facility.

Only one book at a time can be borrowed by the students for reference Purpose

Don't write, underline or mark the Library books.

While using the above services, please consult the circulation desk for any assistance.

The library and reading room shall remain during the prescribed hours.

From 8:00 A.M to 12:00 AM.

Timings on Public Holidays & Sundays: From 8:00 A.M to 5.00 P.M.

(i) In case of book loss of the students has to purchase new same book from the market and return to the library.

(ii) The in charge of the library has authority to immediately stop the issuance or discontinue the reading room facility for the defaulters.



Code of Conduct

OBJECTIVE

- The School of Optometry stands committed to impart quality education to students and as part of its curriculum, to develop our students into well-disciplined and responsible professionals having respect for character and fully accountable for their conduct.
- The achievement of this objective requires persistent devotion and dedication on the part of the students, with their focus on superior behavior and conduct.
- The following pages contain instructions and guidelines which will help the students to achieve the objectives of the "Student Code of Conduct."
- These pages contain official policies of the University which the students are required to follow in letter and spirit at all times.
- The SIOVS will enforce and implement these policies formally and swift disciplinary action will be taken against any student flouting any of the rules/policies contained herein. Students are required to be seated in the specified class room five minutes before the appointed time for start of the class. Students are expected to be quiet and well behaved. Mobile Phones are not allowed in the University premises.
- Student found using mobile phone in the Institute premises will be fined Rs 500/- for the first time. Second offence will be fined Rs 1000/-. For the third offense the mobile phone will be confiscated.

Male

- Apron/Lab neat and clean white
- A dark Colour lounge suit with closed collar or
- Dress pent with full sleeves plain of thin lined shirt
- Chapels and sandals are not allowed

Female

- Clean White Lab Coat.
- Kameez Shalwar/Trouser with Dopatta/ scarf of sober color Female
- Flashy clothes, heavy jewelry, loud make up, open shoes or shoes with heels and noise are not to be worn

IDENTITY CARDS

Students are required to display their Institute Identity Cards prominently all the times while in the campus.

Faculty will ensure that students wear their ID cards. If a student found without ID card she will be fined Rs 200/-.

SMOKING PROHIBITED

The Institute is a 'No Smoking' area. Students are strictly forbidden to smoke in the Academics and Hospital.

The Administration and Faculty will strictly monitor compliance with the no-smoking policy.

- First offence: A fine of Rs. 500 will be imposed.
- Second offence: A fine of Rs. 1000 will be imposed along with a formal written warning.
- Third offence: The matter will be referred to the Disciplinary Committee for appropriate action.

AVOID POLITICS

Students are strictly forbidden to involve themselves in any political or sectarian activity what so- ever while in the Institute. This includes any sort of grouping among students for ulterior motives.

Administration and Faculty will monitor student's activities and ensure cordial and healthy social culture in the Institute.

CAR PARKING

Students will strictly adhere to the policy as laid out below.

Car stickers at nominal cost are available from the Institute Accounts Office and these stickers are to be displayed on the left top corner of the windscreen.

Cars with sticker are permitted only to be entered in the Institute.

DRINKS / EATABLES

Drinks and eatables can be taken only inside the cafeteria. Eating and drinking at all other places is prohibited.

Administration and Faculty will ensure strict compliance of the policy.

SOCIAL ACTIVITIES

- For all social activities including small parties, written permission of the management will be required.
- Students wishing to hold the above should fill in the form giving details of the event/party, number of students invited/ attending, date and place of such social event.
- Implementation criteria:
Administration and Faculty will ensure strict compliance of the policy. Willful disobedience will constitute an offence and will be suitably dealt with by the Discipline Committee.

WILLFUL DEFIANCE / DISOBEDIENCE OF INSTITUTE RULES / INSTRUCTIONS

- Students are expected to read the notices/ instructions daily displayed on the Notice Board. All notices and instructions must be followed in letter and spirit.
- Implementation criteria:
Willful defiance/disobedience of these notices will constitute an offence and will be suitably dealt with by the Discipline Committee.

BULLYING / FOOLING/ RAGGING

- The Institute does not allow any kind of fooling / bullying or ragging with new students.
- To set a healthy environment all old-students are well advised to treat the new students with kindness and help or guide them for any problem they may be facing.

BALCONIES, RAILINGS IN CORRIDORS, RECEPTION AREA & MAIN ENTRANCE DOOR

Sitting or standing in balconies of classrooms is not allowed.

Protective railing in the corridors will not be used for sitting or leaning. Students are not allowed to sit on the stairs of the main entrance or the reception area.

Defaulters will be fined Rs 100/- and Rs 200/- for the first and second offence respectively.

For the repeat offences the Discipline Committee will impose penalty

SIGN BOARDS/NOTICE BOARDS

Instructions on sign boards / notice boards displayed at Institute will be strictly adhered to.

PLAY FIELD / LAWNS / GARDEN

Crossing of play fields and lawns is prohibited. Students will always use the roads or paths. Damaging trees, flowerbeds etc. is strictly forbidden.

STUDENT VISITORS

- Students are not allowed to entertain visitors or friends in the Institute or take them around to visit the campus.
- Permission must be obtained from the Registrar/Additional Registrar before inviting any guest to the University.

CO-CURRICULAR ACTIVITIES

1. Clinical Skills Workshops

- Hands-on training sessions in refraction, contact lenses, low vision, and vision therapy
- Workshops on communication skills, resume writing, and interview preparation.
- Guest lectures and demonstrations by experienced optometrists and ophthalmologists.

2. Community Eye Health Camps

- Participation in vision screening camps at schools, rural health centers (RHCs), and underprivileged communities.
- Collaboration with NGOs such as Sightsavers, CBM, HANDS, BHF, and PCB Eye Health Cell.

3. Research and Innovation Forums

- Opportunities to present case studies and research findings.
- Encouragement to participate in national and international optometry conferences and poster presentations.

4. Public Health Awareness Campaigns

- Organizing awareness sessions on eye health, diabetic retinopathy, glaucoma, and refractive errors.
- Observing World Sight Day and other relevant health days with public engagement activities.
- Organizing seminars, symposiums, and annual student conferences.

5. Sports and Recreational Activities

- Intra-departmental and inter-departmental sports events.
- Recreational trips and wellness activities to promote mental health and physical fitness.

QUALITY ENHANCEMENT CELL

1. The QEC of SIOVS is headed by the Director/Incharge and reports directly to the Executive Director. It plays a crucial role in promoting a culture of quality and excellence within the Institute and ensure that it remains responsive to the evolving needs of students, faculty and other stake holders.
2. QEC assess the quality of patient care, surgical outcomes, and safety protocols and collaborate with clinical staff to improve healthcare delivery.
3. The QEC of the Institute typically handles various services and responsibilities aimed at improving overall quality of trainings, education, patients care and institutional effectiveness.
4. It develops and implement quality assurance mechanisms to ensure that academic programs, patients care and administrative processes meet established standards and bench marks.
5. Facilitates accreditation processes by assisting necessary documentation, conducting self- assessment and preparing visits by external accrediting bodies as part of the accreditation process
6. .Evaluates academic progress, courses, and teaching methodologies to identify areas for improvement and enhance the quality of training and education.
7. Organize workshops seminars and training sessions to enhance professional development of faculty members and improve teaching and learning practices.
8. Collects and analyze feedback from students on various aspects of their educational experience.
9. Promotes research culture within the Institute and enhance innovation among faculty members, residents and students.
10. Fosters a culture of continuous improvement by encouraging feedback and implementing best practices by preparing evaluation forms.

QEC PARAMETERS DEFINED BY HEC

To ensure smooth functioning of QEC as per the predefined quality parameters set by HEC, the Head of the respective departments are subjected to submit the following:

COURSE CONTENTS/PLAN

It should be provided to the QEC for the assurance of the academic quality. It is a standard practice to maintain the course file, lesson plan, time table and schedule for the session work etc.

MONTHLY ROTATION

It should be filled by each faculty member after verification by the respective chairperson and to be submitted to the QEC.

COURSE COMPLETION CERTIFICATE

It should be provided to QEC to ensure that the entire academic faculties have completed their course file ensuring the completion of contents as per course plan.

ATTENDANCE REGISTERS OF THE FACULTY & STUDENTS

Regular attendance is must for all the residents/students to appear in the examinations. Moreover, attendance register of each faculty member duly signed by the respective Head of the Department should be provided to the QEC through their Registrar Admin.

ASSIGNMENTS/PROJECTS/INTERNSHIP REPORTS

The concerned Head of Department are supposed to provide all the assignments to the QEC.

QEC Team

- I. Director
- II. Assistant Director
- III. Data Analyst
- IV. Admin
- V. Data Entry Operator

ANTI-HARASSMENT CELL

What is Harassment?

Harassment is an unwanted physical or verbal behavior that upsets or humiliates the individual. It is an unwanted conduct that occurs with the purpose or effect of violating the dignity of individual. Generally, harassment is a behavior that continues over time, despite your repeated objections. It may cause: general stress, insomnia, mental stress, self-dislike, suicidal thoughts, low self-esteem, lack of concentration, reduced self-confidence. The harasser can be your class fellow or a lab fellow, a teacher or supervisor (for marks/grades/degree), clerk, laboratory assistant, peon, or individual of another department, or even a nonemployee.

Anti-Harassment Cell at Institute

The Anti-Harassment Cell is approved on Government approved Act, “The protection against harassment of women at the workplace Act 2010” This Act builds on the principles of equal opportunity for men and women and their right to earn a livelihood without fear of discrimination as stipulated in the Constitution. According to this law, the institutions can deal with sexual harassment cases within the institution without going to the police or court of law.

- The Institute approved the Anti-Harassment Cell in 2024.
- Adoption of HEC policy guidelines

STUDENT AFFAIRS OFFICE

Welcome to the of Student Affairs Office. Our main objective is to facilitate students throughout their stay at the Institute. Student Affairs Officer provides a wide range of activities, services and resources to students in their academic, co-curricular and professional pursuit. The department also aims to remove the hurdles which can impede progress of students.

We believe that education is not only about influx of information, but it is also about imparting values and ideals that help students to have an objective and sober stance about society. Therefore, the department is striving to make students feel proud and instilling the spirit of tolerance, compassion and commitment.

SAO is striving hard to engage the youth in healthy activities such as sport competitions, festivals, rallies, seminars, workshops, trainings and other creative programmes at the Institute,

Objectives to be achieved:

- To provide an atmosphere of unity within the student body so that they may be able to have a good university experience and earn the respect of both the student community and the society at large
- To support the School of Optometry administration in promoting physical, intellectual, cultural and spiritual wellbeing of students
- To inculcate new knowledge in students for human development and social transformation
- To create an environment of open discussion, inquiry and self-expression to ensure the personal freedom
- To promote a healthy and positive attitude among students in order to make them not only better citizens, but also better future leaders.

Admission Entry Test - 2025
Sindh Institute of Ophthalmology and Visual Sciences
SOVS School of Optometry Hyderabad
Date: 20th August 2025
Time Allowed: [90 Minutes]
Total Marks: [100]

Instructions:

Attempt all questions.

Use a black or blue ballpoint pen.

No electronic devices or calculators allowed.

Cheating or use of unfair means will lead to disqualification.

VERBAL REASONING

Complete the sentences by choosing the best option, from the given lettered choices (A to D) below each.

1. She usually is a careful driver but yesterday she had a/an

- A. accident
- B. event
- C. happening
- D. incident

2. She was fishing from the river .

- A. bank
- B. basin
- C. cliff
- D. valley

Four lettered pairs (A to D) follow a related pair of words given in the question. Select the lettered pair that best expresses a relationship similar to that expressed in the original pair in capital letters.

3. RAIN: DRIZZLE::

- A. hop: shuffle
- B. juggle: bounce
- C. run: jog
- D. walk: path

4. ANKLE: FOOT::
A. eye: retina
B. leg: calf
C. tooth: tongue
D. wrist: hand

Choose the lettered word or phrase that is MOST NEARLY OPPOSITE in meaning to the word in capital letters.

5. If you are UNFAMILIAR to something it means you are not it.

- A. angry about
- B. happy with
- C. sure about
- D. used to

6. Which season comes between summer and winter?

- A. Autumn
- B. Monsoon
- C. Spring
- D. Winter

7. Which season is called the king of all seasons?

- A. Autumn
- B. Spring
- C. Summer
- D. Winter

Choose the lettered word or phrase that is MOST NEARLY SIMILAR in meaning to the word in capital letters.

8. Your SUPERCILIOUS ideals won't work. You must your standards.

- A. change
- B. define
- C. give up
- D. lower

Questions 7-9 are based on the following paragraph.

Pakistan is the country blessed with all type of seasons. The people of the country enjoy all the seasons along with the different natural gifts, for example, snowfall, rain, leaf fall, vegetables, and fruits.

There are four seasons in our country. They are Spring, Summer, Autumn and Winter.

Spring is called the king of all seasons. It starts at the end of the February and lasts till May. In this season, trees give new leaves and flowers blossom. It is pleasant to walk in the gardens and parks. Everybody enjoys and feels fresh.

Generally, it is very hot in summer, in Pakistan. The duration of this season is very long, usually June, July and August are the hottest months. The plain areas are very hot but hilly areas are quite pleasant. In summer, the days are long, and nights are short. Season of Autumn starts in September and lasts till December.

This season is usually dry and windy. Leaves change their colour and fall in this season. This season is also known as "Fall." Winter is the coldest season of the year. There is a lot of snowfall in some parts of Pakistan. People wear warm clothes to protect themselves from severe cold. In winter the nights are long, and days are short.

9. In which season snowfall comes?

- A. Autumn
- B. Spring
- C. Summer
- D. Winter

PHYSICS

10. Which of the following Law best describes "action and reaction are equal in magnitude but opposite in direction"?

- A. Newton's First Law
- B. Newton's Law of Interference
- C. Newton's Second Law
- D. Newton's Third Law

11. If NO external torque act on the system, the total angular momentum of the system remains constant. This statement is the base of .

- A. Law of conservation of angular momentum
- B. Law of conservation of energy
- C. Law of conservation of mass
- D. Law of conservation of momentum

CHEMISTRY

1. The conversion of a gas into a liquid requires high pressure and .

- A. high temperature
- B. high volume
- C. low temperature
- D. low volume

2. Which one of the followings is a metallic solid?

- A. Mg
- B. MgO
- C. SiC
- D. SiO₂

BIOLOGY

3. Photolysis of water during photosynthesis occurs at .

- A. cytochrome bf complex
- B. photosystem I
- C. photosystem II
- D. stroma

4. How many net ATP molecules are formed at the end of glycolysis from one glucose molecule?

- A. 1
- B. 2
- C. 3
- D. 4

5. Which one of the following plants has tiny leaves with tentacles having glands on their tips to trap the insect sitting on it?

- A. *Cucuta*
- B. Pitcher plant
- C. Sundew
- D. Venus fly trap

ANSWER KEY

1 A	7 A	13 C	19 C
2 A	8 B	14 B	20 A
3 C	9 D	15 B	21 C
4 D	10 B	16 D	22 B
5 D	11 D	17 D	23 C
6 D	12 A	18 A	



AFFIDAVIT (Sample)

(To be typed on Rs.100/- Stamp Paper)

I, _____ S/o, D/o _____ Muslim adult R/O _____

_____ a candidate for admission in 1st year BS for the academic session 2025 – 26 do hereby state on solemn affirmation/oath as under:

1. That I am a holder of PRC of District _____ which was issued on the basis of domicile of District _____, issued to me/ my father/ mother, and I have no other PRC/Domicile of any other district of Sindh.
2. That if I am allowed admission in BS Vision Sciences of the merit seat of District _____, or otherwise against reserved seats Merit Based / Overseas/ Disabled _____ (all other categories) on the basis of Domicile/ PRC. I shall not seek admission in any other public sector/ private sector medical or dental college/ medical university or any other degree college/ university of the country against any seat of other district.
3. That all documents submitted by me long with application form are genuine and correct and no false document has been submitted. If any document/ information found to be false, incorrect or otherwise I know that my admission is liable to be cancelled.
4. That after my final selection/ admission on open/ general merit seat in BS Vision Sciences course, I shall complete the course of five (05) year BS Vision Sciences. However, in case I leave the SIOVS (School of Optometry) before completion of the course I shall be liable to penalty of Rs.300,000/- (Rupees three hundred thousand only) payable through pay order/ demand draft for wasting the precious seat of general merit, else I will not be entitled to issuance of any certificate from the institution.
5. That I also undertake not to involve myself in any kind of political activity throughout my tenure in this institution as a student and incase I am found involved in such activities, the authority of the institution shall be at liberty to expel/ rusticate me and to cancel my admission.
6. That I also state that I have gone through all the rules, term and conditions of the admission, studies and declare that my priority for course is indicated in the application form.
7. That whatever is stated above is true and correct to the best of my knowledge and belief.

Signature of Student _____

Name of Student _____

Year of Admission _____

Date: _____

Witness _____ Name _____

Signature _____

C.N.I.C. No. _____

Signature of Father/Guardian _____

C.N.I.C. No. _____

CHECK LIST

Paid fee voucher.	
Original application form.	
Original admit card, duly completed	
Copy of Matriculation Certificate (SSC) or O-Level Equivalence Certificate by IBBC.	
Copy of Matric Marks Certificate or O-Level Certificate.	
Copy of HSC Pre-Medical Marks Certificate or A-Level Equivalence Certificate by IBCC and A-Level Certificate.	
Copy of Hafiz-e-Quran Certificate (if applicable).	
Copy of Disability Certificate (if applicable).	
Copy of candidate's Domicile Certificate.	
Copy of candidate's Permanent Residence Certificate (PRC-Form "C")	
Copy of Domicile Certificate of father.	
Copy of PRC of father.	
In case of father not alive, Copy of Death Certificate of father and Copy of Domicile & PRC of mother.	
Copy of National Identity Card or "B" form (if candidate is below the age of 18 years)	
Copy of CNIC of Father	
Six white background passport size photographs of candidate with his/her name duly written on the back side of these photographs (other than pasted on the application form).	
Candidate applying under category of Overseas Pakistanis should submit proof of his/her father/mother working outside Pakistan.	

PROSPECTUS COMMITTEE

Convener

Prof. Dr. Khalid Iqbal Talpur

Executive Director

**Sindh Institute of Ophthalmology and Visual Sciences,
(SIOVS) Hyderabad Sindh.**

Quality Enhancement Cell

Dr. Pir Mohammad Ali Qureshi

Incharge QEC

Reviewed & Endorsed

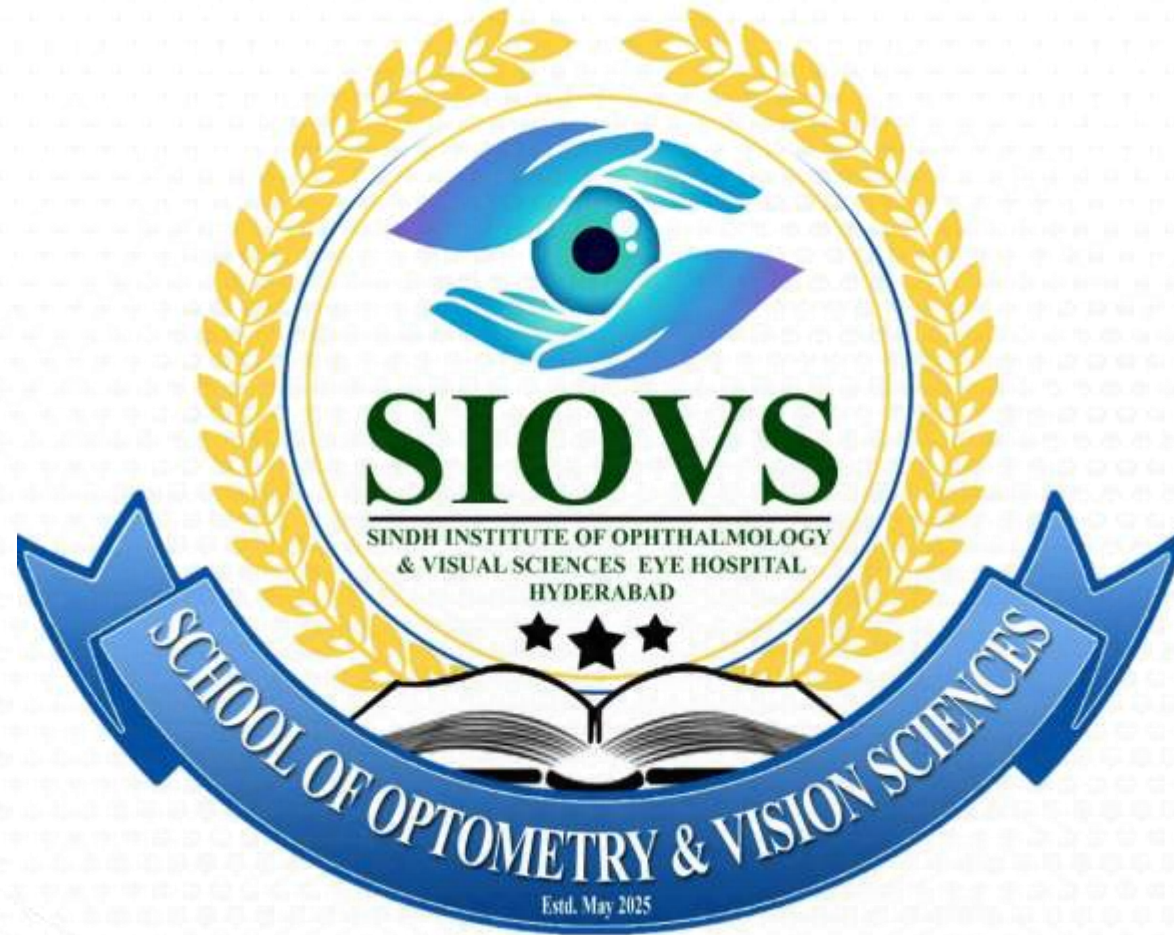
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I.C.T Department

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