PROSPECTUS FOR ADMISSION TO

PARAMEDICAL DEGREE COURSES
2024 - 2025

BACHELOR OF PHYSIOTHERAPY (BPT)

B.Sc. OPTOMETRY (B.Sc. Optom)

B.Sc. MEDICAL LABORATORY TECHNOLOGY (B.Sc. MLT)

Administrative office

TRAVANCORE COLLEGE OF ALLIED HEALTH SCIENCES (TCAHS)
Travancore MedicityCampus
NH - 66 Bypass, Mylapore, Thattamala P.O,
Kollam - 691020
Contact–04742721488, 04742721661, 9495996174

Controller of Admissions: Mr. DAINY VARGHESE, Principal, TCAHS

SCOPE OF THIS PROSPECTUS

This prospectus contains the rules and regulations applicable for selection and admission to the seats under Paramedical Degree Courses permitted to be conducted by Travancore College of Allied Health Sciences (TCAHS) under NRI & Management Quota for the academic year 2024– 2025. Any part of the contents in this Prospectus is subject to modification/addition/deletion as may be deemed necessary as per the directions from the Government of Kerala, any competent courts of law, theAdmission Supervisory and Fee Regulatory Committee forProfessional Colleges of Kerala, the Kerala University of Heath Sciences or any other competent authority concerned.

Availability of Prospectus

Copies of this Prospectus can be downloaded from the college website www.travancoremedicity.com at free of cost. Copies of the same will also be available at the Administrative Office of Travancore College of Allied Health Sciences (TCAHS), Kollam for reference and return.

1. INTRODUCTION- COLLEGE & COURSES

Travancore College of Allied Health Sciences (TCAHS), functioning under Quilon Medical Trust, a Trust registered in the year 2003 under the Indian Trusts Act, 1882 is affiliated to Kerala University of Health Sciences, (KUHS) Thrissur.It is attached to Travancore Medical College Hospital, a 750+ bedded super specialty hospital situated in Travancore Medicity Campus, lying adjacent to the Kollam City Corporationlimit, just about 6-7 kilometers away from Kollam KSRTC Bus Station, Kollam (Quilon) Junction Railway Station & the Kollam City Centre. The Kollam- Trivandrum NH-66 Bypass passing bythe side of Travancore Medicity Campuscrosses NH-183 and NH-744 connecting Kollam City to Theni and Thirumangalam(both in the State of Tamilnadu) at about 3-4 kilometers away from this campus.The other institutions of the trust functioning in Travancore Medicity Campus,spreading over an area of 50 acres in Thazhuthala Village in Kollam Taluk,are the well-known Travancore Medical College (TMC), Travancore College of Nursing (TCN),Travancore School of Allied Health Sciences (TSAHS) ,the Travancore Dental College (TDC), and the Travancore Medical College Hospital.

The Travancore Medical College Hospital, the parent hospital of TCAHSwith 750+ IP beds capacityand well-equipped ICUs, NICU, PICU, and emergency departments, is one of the leadingtertiary care hospital in South Kerala.It offers a wide range of medical services under various disciplines such asCardiology, Neurology, Gastroenterology, Nephrology, Urology, Endocrinology, Oncology, Pulmonology, Rheumatology, Dermatology, Ophthalmology, ENT, Pediatrics, Obstetrics And Gynecology, Orthopedics and Dentistry. Travancore Medical College Hospital is well known for its quality healthcare services and facilities for Organ Transplantation, IVF etc alsowith multiple teams of experienced, eminent physicians, surgeons and otherhealthcare professionals. The hospital also provides the most modern and sophisticateddiagnostic services in the field ofRadiology, Pathology, and Microbiology. The hospitalis equipped with advanced medical equipment and technology to ensure that patients receive the best possible health care services. It also conducts various community outreach programs and health camps to create awareness among the publicon health issues, outcome of seasonal infectious diseases,pandemicsetcand provide medical services at affordable rates to all andthe underprivileged sections of the society.So, in brief, itis a reputed healthcare institution in the region committed to provide quality healthcare services to the Society.

<u>MISSION</u>

The mission ofTravancore College of Allied Health Science (TCAHS) is to produce competent and compassionate allied health professionals who are committed to serve the community and are equipped to address the complex health challenges of today's society.

<u>VISION</u>

The vision of the TCAHS is to provide high-quality education and training that prepares graduates to deliver quality patient care, engage in research, and contribute to the advancement of healthcare. The college may also strive to promote interdisciplinary collaboration, community engagement, and diversity, equity, and inclusion in healthcare.

2.   DETAILS OF COURSES OFFERED

I-BACHELOR OF PHYSIOTHERAPY (B.P.T)

Physiotherapy, also known as **physical therapy**, is a healthcare profession that aims to promote, restore, and maintain physical function, mobility, and well-being through various physical methods such as exercise, manual therapy, and electrotherapy. Physiotherapists work with people of all ages who have musculoskeletal, neurological, or cardiovascular problems, as well as those who suffer from injuries or disabilities. The goal of physiotherapy is to improve physical function, reduce pain, prevent disability, and enhance quality of life. Physiotherapists also play an important role in health promotion and injury prevention.

SPECIALIZATIONS IN PHYSIOTHERAPY

There are several specializations within the field of physiotherapy that are recognized around the world. Some of the most common specializations include:

a) **Orthopedic Physiotherapy:** This specialization focuses on the diagnosis, treatment, and prevention of musculoskeletal injuries and conditions such as back pain, arthritis, and sports injuries.

b) **Neurological Physiotherapy:** This specialization focuses on the treatment of patients with neurological conditions such as stroke, Parkinson's disease, and multiple sclerosis.

c) **Cardiovascular and Respiratory Physiotherapy:** This specialization focuses on the rehabilitation of patients with cardiac and respiratory conditions, such as chronic obstructive pulmonary disease (COPD) and heart failure.

d) **Pediatric Physiotherapy:** This specialization focuses on the treatment of children with physical disabilities or developmental delays, such as cerebral palsy or Down syndrome.

e) **Geriatric Physiotherapy:** This specialization focuses on the treatment of older adults with mobility issues, balance problems, and other age-related conditions.

f) **Sports Physiotherapy:** This specialization focuses on the prevention and treatment of injuries in athletes, as well as the enhancement of athletic performance.

g) **Women's Health Physiotherapy:** This specialization focuses on the treatment of women's health issues, such as pelvic floor dysfunction, pregnancy-related conditions, and postpartum rehabilitation.These specializations may require additional training and certification beyond a basic physiotherapy degree, and the specific requirements may vary depending on the country and jurisdiction.

JOB OPPORTUNITIES FOR PHYSIOTHERAPIST

Physiotherapy is a growing field with a variety of job opportunities available in different settings, including:

a) **Hospitals and clinics:** Many physiotherapists work in hospitals and clinics, providing services to patients with various conditions, such as musculoskeletal, neurological, and cardiovascular problems.

b) **Sports teams:** Physiotherapists may also work with sports teams to prevent injuries, provide rehabilitation services to athletes, and improve performance.

c) **Private practices:** Some physiotherapists may choose to open their own private practices, providing services to patients on a one-on-one basis.

d) **Nursing homes and assisted living facilities:** Physiotherapists may also work in nursing homes and assisted living facilities to help residents maintain their mobility, prevent falls, and manage chronic conditions.

e) **Occupational health and safety:** Physiotherapists may also work in occupational health and safety settings, providing ergonomic assessments, injury prevention programs, and rehabilitation services to employees.

f) **Research and academia:** Some physiotherapists may choose to pursue careers in research or academia, working in universities or research institutions to study the effectiveness of physiotherapy interventions and develop new treatment approaches.

Overall, there are numerous job opportunities for physiotherapists in a variety of settings, and the demand for physiotherapy services is expected to continue to grow in the coming years.

RECENT ADVANCES IN PHYSIOTHERAPY

In recent years, there have been several advances in the field of physiotherapy, including:

a) **Telehealth:** With the advent of telehealth, physiotherapists can now provide remote consultations and treatments to patients. This has become particularly important during the COVID-19 pandemic, as many people are unable or unwilling to visit a physiotherapy clinic in person.

b) **Virtual Reality:** The use of virtual reality technology in physiotherapy is becoming increasingly popular. Virtual reality can be used to simulate real-world environments and activities, allowing patients to practice their movements and improve their coordination and balance.

c) **Robotics:** Robotic devices are being used in physiotherapy to assist with the rehabilitation of patients who have suffered from strokes or other neurological injuries. These devices can help patients with tasks such as walking, reaching, and grasping objects.

d) **Personalized treatment:** Physiotherapists are increasingly tailoring their treatments to the individual needs of their patients. This involves using techniques such as manual therapy, exercise, and education to create a personalized treatment plan that addresses the patient's unique needs and goals.

e) **Pain management:** Physiotherapists are using a variety of techniques to help patients manage chronic pain, including acupuncture, dry needling, and therapeutic massage.

f) **Artificial intelligence (AI): AI** has the potential to revolutionize physiotherapy by providing personalized treatment plans, improving patient outcomes, and reducing healthcare costs. However, it is important to ensure that AI technologies are developed and implemented ethically and with patient privacy and safety in mind.Here are some of the ways AI is being used in physiotherapy:

   i. **Assessment and diagnosis:** AI algorithms can analyze patient data, such as medical history, imaging scans, and movement patterns, to diagnose and assess conditions accurately. This can lead to more precise treatment plans and better outcomes.

   ii. **Treatment planning:** AI can help physiotherapists develop personalized treatment plans based on patient data and medical history. This can lead to more efficient treatment and faster recovery times.

   iii. **Monitoring and feedback:** AI can monitor patients' progress during treatment and provide feedback to physiotherapists in real-time. This can help identify areas where patients may need additional support and adjust treatment plans accordingly.

   iv. **Virtual rehabilitation:** AI-powered virtual reality and motion-sensing technologies can provide an immersive rehabilitation experience for patients, allowing them to practice movements and exercises in a safe and controlled environment.

   v. **Predictive analytics:** AI algorithms can analyze patient data to predict the likelihood of certain conditions, such as falls or injuries. This can help physiotherapists develop preventative strategies to reduce the risk of future incidents.

Overall, the field of physiotherapy is constantly evolving and adapting to new technologies and techniques, allowing practitioners to provide better care and outcomes for their patient.

II -<u>BACHELOR OF SCIENCE IN OPTOMETRY (B.Sc Optometry)</u>

Optometry is a healthcare profession that focuses on the examination, diagnosis, treatment, and management of vision and eye disorders. Optometrists are healthcare professionals who specialize in the diagnosis and treatment of refractive errors, such as nearsightedness, farsightedness, and astigmatism, as well as other common eye conditions, such as dry eye syndrome, glaucoma, cataracts, and macular degeneration.

Optometrists also prescribe and fit eyeglasses and contact lenses, provide vision therapy, and offer advice on how to maintain good eye health. They work closely with ophthalmologists, who are medical doctors specializing in eye surgery, to ensure that patients receive comprehensive eye care.

<u>SPECIALIZATION IN OPTOMETRY</u>

Optometry offers several areas of specialization, which optometrists can pursue to further develop their skills and knowledge in a specific field. Some of the most common optometry specializations include:

a) **Pediatric Optometry:** Focuses on providing eye care for infants, children, and young adults, including the diagnosis and treatment of vision problems, eye diseases, and binocular vision disorders.

b) **Contact Lens Specialty:** Focuses on fitting, prescribing, and managing contact lenses for patients with various eye conditions, including astigmatism, presbyopia, and keratoconus.

c) **Low Vision Rehabilitation:** Focuses on helping patients with visual impairment or blindness to maximize their remaining vision and improve their quality of life.

d) **Geriatric Optometry:** Focuses on the eye care needs of older adults, including the diagnosis and management of age-related eye diseases such as cataracts, macular degeneration, and glaucoma.

e) **Sports Vision:** Focuses on enhancing visual skills, including eye-hand coordination, depth perception, and peripheral awareness, for athletes and sports enthusiasts.

f) **Vision Therapy:** Focuses on the diagnosis and treatment of binocular vision disorders, amblyopia, and other vision-related learning problems.

g) **Ocular Disease**: Focuses on the diagnosis, management, and treatment of eye diseases, such as glaucoma, macular degeneration, and diabetic retinopathy.

h) **Occupational Optometry:** Focuses on the prevention and treatment of vision problems in the workplace, including ergonomic and lighting issues that can cause eye strain and fatigue.These specializations require additional education, training, and certification beyond the standard optometry degree, and can lead to a rewarding career in a particular area of interest.

JOB OPPORTUNITIES FOR OPTOMETRIST

Optometrists have various job opportunities in different settings, including:

a) **Private Practice:** Many optometrists own or work in private practices, providing primary eye care services to patients, including eye exams, prescribing corrective lenses, and managing eye diseases.

b) **Retail Settings:** Optometrists can work in retail settings, such as eyeglass stores or vision centers, providing vision exams and prescribing eyeglasses or contact lenses.

c) **Hospitals and Clinics:** Optometrists can work in hospitals and clinics, providing primary eye care services, managing eye diseases, and working with other healthcare professionals.

d) **Academia:** Optometrists can work as educators or researchers in optometry schools or universities.

e) **Military:** Optometrists can work in military settings, providing eye care services to active-duty service members and veterans.

f) **Public Health:** Optometrists can work in public health settings, providing eye care services in community health clinics, school-based clinics, or other public health programs.

g) **Industry:** Optometrists can work in the industry, such as in the development and testing of contact lenses or ophthalmic equipment.

In addition to traditional job opportunities, optometrists can also choose to start their own businesses, such as opening their own private practice or working as a consultant for other optometrists or healthcare organizations. The job outlook for optometrists is positive, with steady growth in demand for eye care services projected for the foreseeable future.

RECENT ADVANCES IN OPTOMETRY

There have been several recent advances in optometry that have expanded the capabilities of optometrists and improved the quality of eye care services. Some of the most notable advances include:

a) **Digital Eye Exams:** Digital technologies, such as digital retinal imaging and optical coherence tomography (OCT), have improved the accuracy and efficiency of eye exams, allowing optometrists to detect and diagnose eye diseases at earlier stages.

b) **Customized Contact Lenses:** Advances in contact lens materials and designs have made it possible for optometrists to customize lenses to fit individual patients' eyes and correct even the most complex vision problems.

c) **Blue Light Protection:** With the increased use of digital devices, there has been a growing concern about the effects of blue light on eye health. Optometrists can now provide blue light protection in eyeglasses and contact lenses to reduce the risk of eye strain and damage.

d) **Myopia Control**: Optometrists can now offer treatments that can slow the progression of myopia in children and adolescents, reducing the risk of developing serious eye diseases later in life.

e) **Telemedicine:** Advances in telemedicine have made it possible for optometrists to provide remote eye care services, including remote consultations, digital eye exams, and telemonitoring of eye diseases.

f) **Artificial Intelligence:** The use of artificial intelligence (AI) in optometry is rapidly evolving, with AI algorithms now able to assist in the diagnosis of eye diseases and assist in the management of patient care.

g) **Neuro-Optometry:** The field of neuro-optometry has advanced our understanding of how the visual system interacts with the brain, leading to new treatments for conditions such as traumatic brain injury, stroke, and concussion.

These advances have allowed optometrists to provide more personalized and effective eye care services, improving outcomes for patients and advancing the field of optometry.

III-BACHELOR OF SCIENCEIN MEDICAL TECHNOLOGY(B.Sc - MLT)

Medical Laboratory Technology, also known as clinical laboratory science, is a field of healthcare that involves the analysis of biological samples (such as blood, urine, and tissue) to help diagnose and treat diseases. Medical laboratory technologists, also known as medical laboratory scientists, are trained professionals who perform and interpret laboratory tests to provide healthcare professionals with vital information about a patient's health.

Medical Laboratory Technology plays a critical role in healthcare, as laboratory results help physicians make accurate diagnoses, monitor treatment progress, and make decisions about patient care. Medical laboratory technologists work in a variety of settings, including hospitals, clinics, research facilities, and public health laboratories.

The tasks performed by medical laboratory technologists can vary widely depending on their area of specialization. Some examples of tasks include collecting and preparing specimens for testing, operating and maintaining laboratory equipment, performing diagnostic tests, analyzing test results, and communicating results to healthcare professionals.

Medical Laboratory Technology is a highly regulated field, and medical laboratory technologists are required to be licensed or certified in most states. They must also adhere to strict quality control standards to ensure accurate and reliable test results.

SPECIALISATION IN MEDICAL LABORATORY TECHNOLOGY

Medical laboratory technology offers several areas of specialization for individuals who want to further their careers in the field. Here are some examples of specializations within medical laboratory technology:

a) **Clinical Chemistry:** This specialization focuses on the analysis of blood and other bodily fluids to identify biochemical imbalances and detect diseases.
b) **Hematology:** This specialization involves the analysis of blood cells and their components to diagnose and monitor conditions such as anemia, leukemia, and blood clotting disorders.
c) **Immunology:** This specialization focuses on the analysis of the immune system and its response to infectious diseases, autoimmune disorders, and allergies.

d) **Microbiology:** This specialization involves the identification and characterization of microorganisms such as bacteria, viruses, and fungi, and their role in causing infectious diseases.

e) **Molecular Biology:** This specialization involves the analysis of genetic material, such as DNA and RNA, to diagnose genetic disorders, infectious diseases, and certain types of cancer.

f) **Histotechnology:** This specialization involves the preparation and analysis of tissue samples to identify and diagnose diseases such as cancer and autoimmune disorders.

g) **Cytotechnology:** This specialization involves the analysis of cells for the early detection of cancer and other diseases.

Specializing in one of these areas can lead to increased job opportunities, higher salaries, and greater expertise in a particular field of medical laboratory technology.

JOB OPPORTUNITIES FOR MEDICAL LABORATORY TECHNOLOGIST

Medical laboratory technologists are in high demand, and there are many job opportunities available in a variety of settings. Here are some examples of job opportunities for medical laboratory technologists:

a) **Hospitals and clinics:** Medical laboratory technologists can work in hospitals and clinics, performing diagnostic tests and analyzing results to help physicians make accurate diagnoses and treatment plans.

b) **Research facilities:** Medical laboratory technologists can work in research facilities, conducting experiments and analyzing data to advance scientific knowledge and develop new treatments for diseases.

c) **Public health laboratories:** Medical laboratory technologists can work in public health laboratories, analyzing samples to detect infectious diseases, monitor disease outbreaks, and conduct surveillance for public health threats.

d) **Biotechnology and pharmaceutical companies:** Medical laboratory technologists can work for biotechnology and pharmaceutical companies, developing and testing new drugs and medical devices.

e) **Forensic laboratories:** Medical laboratory technologists can work in forensic laboratories, analyzing evidence to help solve crimes and identify human remains.

f) **Education and training:** Medical laboratory technologists can work in education and training, teaching students and training other medical laboratory professionals.

Overall, medical laboratory technologists have a wide range of job opportunities available to them, and the demand for these professionals is expected to continue to grow in the coming years.

RECENT ADAVANCES IN MEDICAL LABORATORY TECHNOLOGY

Medical laboratory technology is a constantly evolving field, with new advances and developments occurring regularly. Here are some recent advancements in medical laboratory technology:

a) **Next-generation sequencing (NGS):** NGS is a high-throughput DNA sequencing technology that can sequence millions of DNA strands simultaneously. It has revolutionized the field of genomics, enabling researchers to identify genetic variations associated with diseases, and to develop personalized treatment plans.

b) **Liquid biopsy:** A liquid biopsy is a non-invasive test that analyzes blood or other body fluids for biomarkers that can indicate the presence of cancer. This technology has the potential to detect cancer earlier and monitor treatment effectiveness more accurately than traditional biopsy methods.

c) **Point-of-care testing:** Point-of-care testing allows medical professionals to perform diagnostic tests on patients at the bedside or in the field, rather than sending samples to a laboratory. This technology has the potential to improve patient outcomes by providing rapid and accurate diagnoses.

d) **Artificial intelligence (AI):** AI has the potential to revolutionize medical laboratory technology by analyzing vast amounts of data and identifying patterns and trends that humans may not be able to detect. This technology has the potential to improve diagnosis and treatment planning, as well as streamline laboratory operations.

e) **Wearable medical devices:** Wearable medical devices, such as smart watches and fitness trackers, can collect data on a patient's vital signs and transmit it to healthcare providers in real-time. This technology has the potential to improve patient outcomes by providing continuous monitoring and early detection of health problems.

These are just a few examples of the recent advances in medical laboratory technology. As the field continues to evolve, it is likely that new technologies will emerge that will further improve patient outcomes and the accuracy and efficiency of laboratory testing.

3. <u>INFRASTRUCTURE & FACILITIES</u>

The college has well-equipped labs and classrooms, and has multiple teams of experienced faculty members to impart quality education to the students.

The facilities and infrastructure you find in Travancore College of Allied Health Sciences are:

a) **Classrooms and Lecture Halls:** Standard teaching spaces for lectures, presentations, and discussions. Audio visual aids incorporated in lecture halls can help enhance the quality of teaching and learning, and can help students better understand and remember the course material.

b) **Laboratories:** These facilities are equipped with specialized equipment and materials for hands-on practical training in fields like medical laboratory sciences, optometry and physical therapy.

c) **Simulation Center:** These centers are designed to mimic real-world clinical settings, and they often have mannequins and equipment for students to practice procedures and interventions in a safe and controlled environment.

d) **Library:** College of allied health sciences library/central library provide access to books, journals, and other reference materials that support coursework and research in allied health fields.

e) **Clinics and Hospitals:** Colleges of allied health sciences have their clinics or hospitals where students can receive practical training under the supervision of licensed professionals.

f) **Administrative Office:** These offices include the Principal's office, and the administrative office where students can go for administrative assistance and support.

g) **Student Centers:** These centers are designed to provide students with a space to socialize, study, and relax in between classes.

h) **Technology Resources:** The college has computer labs, online resources, and other technology tools that help student's access course materials and stay up to date with the latest research in their field.

i) **Sports Facilities:** College of Allied Health Sciences have sports facilities like gyms, tracks, indoor courts that can help students maintain their physical health and well-being.

The college also provides opportunities for clinical exposure and practical training to its students at Travancore Medical College Hospital.

In addition to academic programs, Travancore College of Allied Health Sciences also offers various student services such as counseling, career guidance, and extracurricular activities to enhance the overall development of its students.

Overall, the facilities and infrastructure of college of allied health sciences is designed to provide students with a comprehensive learning experience that prepares them for careers in a variety of healthcare fields.

4. <u>COURSES AND ADMISSION PROCEDURES</u>

A. Duration of each course and availability of seats

Name of Course	Seats	Duration	Internship
Bachelor of Physiotherapy (BPT)	50	4 years	6 months
B.Sc. Optometry (B.ScOpto)	15	3 years	1 year
B.Sc. Medical Lab Technology (B.Sc MLT)	30	4 years	-

B. Permission Details

1. U.O. No: 336/2024/academic/KUHS, Dated: 15-03-2024 –KUHS Continuation of Provisional Affiliation - BPT, B.Sc. MLT
U.O. No: 523/2024/academic/KUHS, Dated: 04-06-2024 –KUHS Continuation of Provisional Affiliation - B.Sc. Optometry

2. Order of Letter of Permission from Govt. of Kerala, Health & Family Welfare Department –
BPT - G.O.(Ms)No.59/2024/H&FWD Dated, Thiruvananthapuram, 13-03-2024.
BSc.MLT - G.O.(Ms)No.81/2024/H&FWD Dated, Thiruvananthapuram, 16-03-2024.

C. Classification of seats

a) **Government Seats:** 50% of seats available under each Course are Government Seats.

b) **Management & NRI Seats:** 50% of seats available under each Course are Management Seats. Of these, 15% (of total seats) are reserved for dependents of NRI Citizens coming under the purview of G.O (MS) No.243/2014/HRFWD dated 6.08.2014 of Govt. of Kerala. Further to the above 15% seats will be reserved for Muslim candidates subject to granting of minority status by the authority concerned.

D. Admission procedure

a) Government seats will be filled by LBS Centre, the Government approved agency by inviting applications from eligible candidates based on the Merit List prepared and observing allprevailing rules relating to communal reservation of seats.

b) Management Seats will be filled up by the College by inviting online applications from eligible candidates based on Merit/ Rank List prepared. Candidates with higher rank will be given priority in the allotment of seats. Separate Rank List will be prepared for each of the Course. **There will be no reservation of seats for SEBC and or SC/ST candidates under Management quota.**

c) Applications for Management Seats can be submitted online through the college website www.tmc.ac.in.along with an application fee of Rs.500/-.

d) A candidate need submit only one application form for applying for any or all the three Courses by remitting a total fee of Rs 500/- only.

e) Application fee once remitted will not be refunded under any circumstances.

f) All the candidates admitted shall pay the fees fixed by Government of Kerala / Office of the admission supervisory committee / Fee regulatory committee and as approved or modified by the competent authorities. The prevailing rate of fee for each coursealso has been furnished in this Prospectus under a separate table.

E. Eligibility for Admission

1. Academic:

(i) Should have passed Higher Secondary examination conducted by Board of HigherSecondary Education, Kerala, or examination equivalent thereto as approved by KeralaUniversity of Health Sciences (KUHS), Thrissur. Should have separate minimum pass mark for Physics, Chemistry and Biology and 50% marks in Physics, Chemistry and Biology put together.

(ii) The Vocational Higher Secondary Examination, Kerala, has been recognized asequivalent to the Higher Secondary Examination, Kerala

2. Relaxation in marks:
For all the courses, candidates belonging to Socially and Educationally Backward Classes(as per G.O. (P) No. 208/66/Edn. dated 2.5.1966, G.O.(MS) No.95/08/SCSTDD dated06.10.2008 and amendments thereof), will have a relaxation of 5% marks in the

qualifyingexamination. They need only 45% marks in the case of Biology where it is requiredseparately and 45% marks in the case of optional subjects put together. The ScheduledCastes and Scheduled Tribes candidates need only a pass in the qualifying examination.Those candidates claiming relaxation of marks shall produce necessary certificates from the authority concerned.

3. **Eligibility certificates:**

Candidates who have passed their qualifying examination from Board of Examinations/University other than that of State of Kerala shall produce the certificate of recognition and equivalency of qualifying examination from KUHS, Thrissur. This should be furnished at the time of interview for admission.

4. **Age:**

   a) Applicants should have completed 17 years of age as on the 31st December 2024. No relaxation in the minimum age will be allowed. There is no upper age limit except for candidates under service quota. The upper age limit for candidates under service quota will be 46 years for B.Sc. (M.L.T) andB.Sc Optometry as on 31.12.2024.

   b) Self-attested copy of relevant page of school record namely SSLC/ICSE/CBSE/ certificate showing the date of birth /copy of birth certificate should be produced at the time of admission.

5. **Preparation of Rank List:**

The marks obtained for English, Physics, Chemistry & Biology in the qualifying examination i.e. of 12th Standard will be considered for preparing the Rank List subject to the normalization process between the score obtained by applicants under various syllabuses, as explained below.

This process will be done taking in to account only the marks of those candidates who apply pursuant to this prospectus under different syllabuses.

<u>Procedure for Normalization:</u>

The marks scored by the candidates in each subject viz. English, Physics, Chemistry & Biology in the Qualifying Examination conducted by various Boards will be made comparable with the marks obtained by the students in the same subjects in the qualifying examination conducted by the Directorate of Higher Secondary Examination, Kerala as detailed in the illustrations below.

Illustration-1

Let 'X' be the maximum mark secured out of 100 for a subject in the state Higher Secondary Board and 'Y' the maximum mark secured out of 100 for the same subject in any other stream AISSCE/ISC/CBSE/VHSE. If 'T' is the mark secured out of 100 for the subject by a student of the other board (AISSCE /ICSE/CBSE/VHSE) in that year, then his /her normalized mark for the subject, say 'Z' equals $(T*X)/Y$ (the value to be corrected to four decimal places.)

Illustration-2

Subject: Chemistry, Max. Mark out of 120 secured in the State Board = 110.The normalized index mark of State Board student who secured 110 marks in Chemistry will be 110x 100/110 = 100 and that of a student who secured 90 marks out of 120 will be 90x100/110 =……..

Illustration-3

Max. Mark out of 100 secured for Chemistry in the ISC = 99. The normalized mark of an ISC student who secured 85 out of 100 in Chemistry will be equal to (85*100)/99 = 85.8586.

In the above manner, the total of the normalized marks in the subjects concerned, each computed out of 100 will be the index mark of the candidate for the purpose of preparation of rank lists. Thus the maximum marks will be 400 in the case of the Rank List.

In case of a tie in the total index marks

In case of a tie in the total index marks computed for ranking, candidates with higher index marks obtained in Biology (in the final year of the qualifying examination) will be placed higher in the ranking. If the tie still exists, the candidate with higher index marks obtained in Chemistry (in the final year of the qualifying examination) will be placed higher in the ranking. If the tie still exists, the candidate with higher index marks obtained in Physics (in the final year of the qualifying examination) will be placed higher in the ranking. If the tie still exists, the percentage of marks in English in the qualifying examination (in the final year of the qualifying examination) will be considered for breaking the tie. Even after this, if tie remains, the age of the candidate will be taken into account and the older will be placed higher in ranking than the younger. If the tie still persists, tie will be resolved by considering the names of the candidates while written in the alphabetic order.

Note 1. Those candidates, who have appeared for the qualifying examination of any state other than Kerala, will be treated at par with the candidates who have passed the Higher Secondary Examination of this State.

Note 2. Furnishing of false information/particulars would result in the forfeiture of the candidature as well as cancellation of admission to the course if admitted and in addition, will attract the relevant provisions of criminal law of the land.

6. Publication of rank lists and date of interviews

The common and separate merit lists as applicable for each course will be published on the website of the college **www.travancoremedicity.com**and notice board of the college. *Therefore, the candidates are advised to refer to the website of the college and appear for the interview and document verification at the time and place notified without fail. No intimation will be issued to the candidates by post.*

7. How to download &Submit Application Forms

Candidate shall visit the official website **www.travancoremedicity.com**and click the link "**ApplyOnline**".

▪ There will be four stages for the submission of application form and all stages are mandatory.

▪ Candidates shall complete all the stages of submission as per the time schedule which will be notified through the website/media.

Stage 1-Enter the candidate details online and fill the application form.
Stage 2 – Candidates should upload their recent photograph, signature, SSLC & Plus two certificate. Certificates should be self attested by the candidates
Stage 3– Make payment for application online.
Stage 4–On completion & submission of application; please download/print application/acknowledgment form for future reference.

8. Filling up of NRI Quota Seats

15% of total seats under each Course are reserved for NRI candidates. These seats shall be filled up from qualified students as per G.O (MS) No.243/2014/HRFWD dated 6.08.2014 of Govt. of Kerala on production of the following documents/certificates within the prescribed time:

a) Sponsorship certificate *

b) Copy of the passport of the sponsor *

c) Copy of the relevant page of the passport where employment visa is stamped and if it is not submitted the Employment Certificate

d) Relationship certificate from the Village Officer.

One of the above items (a) to (c) are to be attested by the Indian Embassy or Consulate.

9. Validity of the Merit List

The published merit list will be kept alive in terms of instruction/direction of competent authority/Admission Supervisory Committee (ASC).

Inclusion in the merit list will not entitle the applicant eligible for admission to the course, unless the applicant satisfy the rules regarding the eligibility for admission and other conditions as laid down in the Prospectus.

Furnishing of false information/particulars would result in the forfeiture of the candidature as well as cancellation of admission to the course, and in addition, will attract the relevant provisions of criminal law of the land.

10. Selection of Candidates

Selection of the candidates is only on the basis of the rank lists preparedandpublished for each course inthewebsitebasedontheindex markssecuredbythecandidate.

11. Admission and Payment of Fees

a) The selected candidates will be informed about the date and time of admission through the website.

b) The students shall submit all original documents listed in the website at the time of admission itself.

c) They shall also pay all fees of the first year of the course at the time of admission which will not be refunded at any circumstances if the student discontinues the course after the last date of closing of admission stipulated by the competent authorities.

d) *If any candidate discontinues the course, after closing of admission as notified by the authority, claim if any for liquidated damages against any student shall be determined by appropriate proceedings before the competent Civil Court.*

e) Spot admission, if any required, for filling up the seats lying vacant, will be done only after obtaining the prior permission of the Admission Supervisory Committee.

f) The closing date of admission is subject to change as per the notification issued by the KUHS and the Government of Kerala.

12. Special Instructions

a) **Ragging:** Ragging in any form is strictly prohibited in college. College is committed to abolish ragging in the campus. Hence any student who indulges in any form of ragging will be subjected to penal action as per provisions of law. Also the student will be expelled from the college as detailed in the law concerned and as per Honorable Supreme Court of India directions in this regard.

b) **Use of Mobile Phone:** Use of Mobile Phone by students are not allowed in the campus and Hostels (Restricted Usage Only). Any violation of this prohibition will lead to stringent disciplinary action by the college authorities.

c) Any other items not specifically covered in this prospectus will be decided by the Controller of admission.

13. <u>Undertaking for Non Involvement in Ragging</u>

Each candidate and parent has to sign the undertaking given below at the time of admission (as per the provisions of anti-ragging verdict by the Honorable Supreme Court).

I, Mr./Ms…….……………………………S/D/W of……………………………... (full residential address)……………………………………………………………………………………………..

Roll No…..………………… of the course BPT/ B.Sc. Optometry/ B.Sc. MLT student of ……………… (year)at Travancore College of Allied Health Sciences (TCAHS), Kollamdo hereby undertake on this the ……………….. day of……………………………………………….,

2024 the following with respect to above subject

a) That I have read and understood the directives of the Honorable Supreme Court of India on anti-ragging and the measures proposed to be taken in the above references. (Available at http://www.antiragging.in/)

b) That I understood the meaning of Ragging and know that the ragging in any form is a punishable offence and the same is banned by the Court ofLaw.

   That I have not been found or charged for my involvement in any kind of ragging in the past. However, I undertake to face disciplinary action/legal proceedings including expulsion from the Institute if the above statement is found to be untrue or the facts are concealed, at any stage in future.

c) That I shall not resort to ragging in any form at any place and shall abide by the rules/laws prescribed by the Courts, Govt. of India and the Institute authorities for the purpose from time to time.

Name & Signature of Student

I hereby fully endorse the undertaking made by my child/ward…………………..

Name & Signature of Mother/Father or Guardian

Name & Address of the witness　　　1)　　　　　　　　　　　　　2)

Place:

Date:

5. RULES AND REGULATIONS FOR STUDENTS

DRESS CODE (BOYS)

1. Students must wear the uniform with an ID card and white coat/aprons.
2. Shirt must be inserted and the first button of the shirt must not be left open.
3. Face must be neatly shaved and hair be groomed well.
4. Nails should be cut properly.
5. Length of pants must not be above the heel and formal black shoes must be worn during class hours and practicals.
6. Studs, earrings, or related jewels are not allowed on the campus.

DRESS CODE (GIRLS)

1) Students must wear the uniform with an ID card and white lab coat/aprons.
2) Hair should be well groomed and put up.
3) Nails should be cut properly.
4) Formal black shoes which cover toes are to be worn.
5) Costly jewels are not allowed on the campus.

GENERAL RULES & REGULATIONS

1. Students must wear uniform along with an ID card while attending the classes, hospital postings, and laboratory. A white coat/apron is compulsory during practical sessions.
2. The students should groom professionally and well behave in the college and hospital.
3. A student will be issued a transfer certificate or conduct certificate, only if his/her character and performance are satisfactory.
4. Students must show respect to the teaching staff, college/hospital/management authorities, and non-teaching staff.
5. The character and conduct of students inside and outside the college will be observed by college authorities. Any misbehavior either inside or outside class will call for disciplinary action.

6. Students are expected to keep the classrooms and college premises neat and clean.

7. Students should attend college regularly. Those who come late should take permission from the principal through the respective class coordinators.

8. Frequent latecomers and absentees will not be allowed to enter the class without bringing their parents.

9. In case of absence due to unavoidable reasons like illness, the leave application is to be submitted to the principal for approval after getting the initial permission from the class coordinator.

10. Students who absent themselves from examination except for a valid reason will be considered as having failed in the subject or examination.

11. Parents may meet the principal to discuss matters concerning the progress of their children.

12. Parents must inform the college of any change in their address or phone numbers immediately.

13. Students are not allowed to skip/bunk classes. If a parent/guardian desires to take his son/daughter home during class hours, depending upon the emergency, the principal shall take appropriate decisions.

14. Students should not break or damage any of the articles provided for their use.

15. Mobile phone is not allowed in the college. Those found using the mobile phone inside the college will be fined Rs. 500/- and the seized mobile phones will be given back only to their parents.

16. Meeting of students of any kind shall be entertained inside the college only with the prior permission of the principal.

17. Wandering around college campuses without any valid reason is not permitted.

18. The college rules and regulations must be followed by students.The Principal's decision will be final in any academic/disciplinary matters.

6. * **FEES STRUCTURE FOR THE COURSES

(BPT, B.Sc. OPTOMETRY & B.Sc. MLT) FOR THE ACADEMIC YEAR - 2024– 25

SL. NO	COURSES	TUITION FEE			SPECIAL FEES	HOSTEL FEES
		MERIT	MANAGEMENT	NRI		
1	BPT	Rs.59750/-	Rs.59750/-	Rs.1,00,000/-	1st YEAR - Rs. 28,100/-*	Rs.82,400/-**
					2nd YEAR- Rs. 17,000/-	Rs.74,400/-
					3rd YEAR- Rs. 17,000/-	Rs.74,400/-
					4th YEAR- Rs. 17,000/-	Rs.74,400/-
2	B.Sc. Optometry	Rs.63525/-	Rs.63525/-	Rs.1,10,000/-	1st YEAR - Rs. 39,500/-*	Rs.82,400/-**
					2nd YEAR- Rs. 27,500/-	Rs.74,400/-
					3rd YEAR- Rs. 27,500/-	Rs.74,400/-
					4th YEAR- Rs. 20,500/-	Rs.74,400/-
3	B.Sc. MLT	Rs.80850/-	Rs.80850/-	$2000/-	1st YEAR- Rs. 24,500/-*	Rs.82,400/-**
					2nd YEAR- Rs. 12,000/-	Rs.74,400/-
					3rd YEAR- Rs. 13,500/-	Rs.74,400/-
					4th YEAR- Rs. 13,500/-	Rs.74,400/-

Including Rs/- 10,000 Refundable Caution Deposit

*** Including Rs/- 8,000 Refundable Caution Deposit*
*** The fee structure mentioned above is of previous year and it is subject to change by the orders of the FRC.*

ADMISSION SCHEDULE FOR PARAMEDICAL COURSES FOR THE ACADEMIC YEAR 2024 - 25		
SL NO	EVENT/ PARTICULARS	IMPORTANT DATES
1.	Opening of online Application	10.07.2024
2.	Closure of online Application	25.07.2024
3.	Publication of Rank list	29.07.2024
4.	Publication of First Allotment	29.07.2024
5.	Date of Joining and Fee Remittance	31.07.2024
6.	Publishing the joining and non joining candidate list	01.08.2024
7.	Publication of Second Allotment	05.08.2024
8.	Date of Joining and Fee Remittance	08.08.2024
9.	Publishing the joining and non joining candidate list	09.08.2024
10.	Publication of Third Allotment	12.08.2024
11.	Date of Joining and Fee Remittance	16.08.2024
12.	Publishing the joining and non joining candidate list	17.08.2024
13.	Spot Admission, if any	With prior approval from the ASC
14.	Closure of Admission*	30.09.2024

Closing date of admission will be subjected to change and as per the notification issued by the KUHS and the Government of Kerala.