

CERN to assist Sri Lanka

to develop Physics teaching and scientific collaboration

Mahesh Samarasekara Media Secretary

Minister of Science, Technology and Research, Susil Premajaytha has announced that a Steering Committee will be established in Sri Lanka to develop physics education at the high school and university levels and



to strengthen cooperation with the European Organization for Nuclear Research (CERN). The Committee would comprise of a core group drawn from universities and relevant agencies, such as the Ministry of Science, Technology and Research, COSTI, NSF, etc.

The Minister made this observation when he addressed an event on Wednesday 3 May 2017 in Geneva,

to mark the visit to CERN by the first scientific delegation from Sri Lanka comprising 5 Sri Lankan physicists representing universities of Sri Lanka from 3-5 May 2017. Sri Lankan Permanent Representative to the UN in Geneva and Consul General to Switzerland Ravinatha Aryasinha and officials of the Mission who initiated the process were associated in the event.

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SLAB to mark World Accreditation Day for 9th time

The Sri Lanka Accreditation Board for Conformity Assessment (SLAB) has made the necessary arrangements to mark the 9th World Accreditation Day with much pomp and glamour on June 14. The World Accreditation Day is a global initiative, jointly established by the Interna-

tional Accreditation Forum (IAF) and the International Laboratory Accreditation Cooperation (ILAC) and the SLAB is commemorating the 9th World Accreditation Day this year. The theme this year is "Accreditation: Delivering confidence in construction and the built environment."



ITEX 2017

Sri Lanka bags Gold Medal

The International Invention, Innovation & Technology Exhibition (ITEX) was held from 11 – 13 this month at Kuala Lumpur Convention Centre, Malaysia. Four young inventors got the opportunity of participating in this exhibition with the full sponsorship of the Sri Lanka Inventors Commission (SLIC). At the exhibition, the "Light Stick" invented by Master Tharuka Dilshan Herath won the cup for Best Invention Award - Junior Category and Gold Medal from WYIE and Firi award of the 1st institute Inventors and Researchers in Iran for the Best Inventor presented by President of IFIA.

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Ministry of Science, Technology and Research



Save the date!

SLAB Celebrates World Accreditation Day

on 14th June 2017

On Wednesday, June 14, the Sri Lanka Accreditation Board will celebrate World Accreditation Day 2017 and raise awareness of the importance of accreditation. The celebrations include a certificate awarding ceremony and technical seminar on the

9th of June 2017 marks World Accreditation Day as a global initiative, jointly established by the International Accreditation Forum (IAF) and the International Laboratory Accreditation Cooperation (ILAC), to raise awareness of the importance of accreditation. This is the 09th consecutive year, the SLAB is celebrating the World Accreditation Day. Each year, the International Accreditation Forum (IAF) and International Laboratory Accreditation Cooperation (ILAC), which are the apex bodies in the world for accreditation jointly, decide on a common theme.

This year's theme focuses on delivering confidence in construction and the built environment. In order to explain the use of accredited conformity assessment in the world, the Public Sector Assurance website www.publicsectorassurance.org has been established to showcase different global examples including examples from Sri Lanka where accreditation has been used to support construction and the built environment and implementation of regulations

As in previous years, the day will be celebrated across the world with the hosting of major national events, seminars, and press and media coverage, to communicate the value of accreditation to those working in the sector including building owners, operators, contractors, manufacturers, designers, architects, and structural and engineers. As well as

demonstrating how accreditation is used by policy makers, local authorities and regulators to support construction-based regulation, environmental protection, public safety, fraud prevention, public trust and innovation. Standards and accredited conformity assessment are market-based tools that can be used in the construction sector to cover construction products and materials, building techniques and practices onsite health and safety, environmental impact, to even the use of digital technology in smart buildings.

The Construction sector is complex and highly competitive, and provides challenges for companies seeking to improve margins, and reduce cost whilst improving quality and ensuring a safe environment on construction sites. Accreditation supports the construction sector to control risk, help drive efficiency, demonstrate regulatory compliance, and provide supply chain confidence.

The building sector is important for economic development, employment creation and the environment.

wide by 2030. Drastic change in Sri Lanka is also expected within few years asresult of the initiatives taken by the Ministry of Housing & Construction and Megapolis and Western Development

The Cabinet of Ministers of Sri Lanka approved SLAB's proposals for making Accreditation Mandatory in taking Technical Decisions. This year's theme paves the way for implementation of proposals of Cabinet of Ministers in the Construction Industry. Sri Lanka Accreditation Board as the implementing institution, has taken necessary initiatives to implement proposals of Cabinet of Ministers in 08 major sectors namely as Food & Agriculture, Occupational Health & Safety, Constructions, Social care & security, Energy, Environment, Health and Trade & Consumer Protection.

Accreditation can support the Construction Sector to meet its need for smarter, cleaner and safer construction by providing assurance into the safety of the workforce on-site, the quality and origin of the construction product and raw materials, the energy efficiency of buildings, the quality of design and architecture, the safe installation of electrical and gas networks, protect environment and the long-term sustainability of buildings

The picture also highlights the use of conformity assessments for different purposes Source :www.ilac.com

As shown, results are accomplished in part by requiring services of accredited laboratories, inspection bodies and certification bodies. Specifically, laboratories are used to determine the quality of raw materials and testing of certain parameters at different stages of constructions. Safety inspections are carried out on a range of activities associated with raw materials construction process and preparation of construction sites installation & operation of machineries at construction sites, installation of equipment / facilities of buildings after completion of construction and regular maintenance and operation of facilities of completed projects. Certification of Quality Management Systems of Constructors provides assurance to regulators and stakeholders that the constructions are done in accordance with defined process and complying

with regulatory requirements as well. As the National Accreditation Authority of Sri Lanka, Sri Accreditation Board invites all stakeholders to take part in activities organized to celebrate the World Accreditation Day 2017. This National event will commence with inauguration session and Certificate Awarding Ceremony under the patronage of Hon. SusilPremajayantha, M.P, Minister of Science, Technology & Research. Technical seminar on Delivering Confidence in Construction and built environment will be started after the inauguration. The target group for the technical seminar may be construction companies, manufacturers of materials, service providers such as testing /calibration laboratories, inspection bodies & certification bodies, energy managers, civil engineers, quantity surveyors, architects, ministries & governmental departments, members associated with chambers, exporters & importers etc. About 200 participants are expected for the seminar

The following topics will be discussed at this seminar by a panel composed of prominent speakers related to the subject of construction, economy, environment and conformity assessments

- · Implementation of National Construction Policy and Issues & challenges
- · New Concepts in Building Designing
- · Environmental Impact & long -term sustainability of construction projects · Introduction of Green Building Certification Scheme
- · How Construction Sector is important for Economic Development in Sri Lanka
- · Use of Conformity Assessment Procedures and Accreditation Principles for the improvement of ConstructionIndustry in Sri Lanka

For registration & further details slabwad2017@gmail.comand www.slab.lk

L.H.D. Bandusoma **Deputy Director** SLAB





CERN to assist Sri Lanka

to develop Physics teaching and scientific collaboration

Continued from page 01...

Minister Premajaytha noted that as a follow up to the visit, a Road-Map will be evolved to enhance scientific collaboration in High Energy Physics between the scientific community of Sri Lanka and CERN. This will include enabling Sri Lankan scientists to join the Compact Muon Solenoid (CMS) Experiment and other processes at CERN and thereby to be exposed to cutting edge technology and research in high energy physics. A delegation from CERN will also visit Sri Lanka later in the year to promote the education of Particle Physics in general, among high school students and teachers, undergraduates and scientists.

Welcoming the Minister and the Sri Lankan delegation to CERN, Director of International Relations of CERN Charlotte Warakaulle recalled the excellent relations between Sri Lanka and CERN, and particularly the intensity with which Sri Lanka had engaged with CERN over the past year. She commended the efforts of Minister Premajayantha in nurturing the young scientists of Sri Lanka, and assured CERN's continued support to developing scientific education in Sri Lanka at both the High School and University levels.

Ambassador Ravinatha
Aryasinha noted that cooperation between
Sri Lanka and the European Organization
for Nuclear Research (CERN) was formally
initiated in June 2015, following the signing of
an 'Expression of Interest' (EOI) Agreement
between then Director General of CERN, Prof.
Rolf-Dieter Heuer and himself. This enabled
2 Sri Lankan undergraduate students to join

the CERN Summer Student
Programme in June 2016, and
also for Sri Lankan teachers to
apply to participate in the CERN
High School Physics Teachers
Programme. Dr. Rüdiger Voss,
Senior Advisor of CERN was a
special invitee of the Government
at the Science and Technology
for Society Forum (STS Forum)
held in September 2016 in
Colombo. Relations between Sri
Lanka and CERN was upgraded

when in February 2017, Minister Premajayantha signed the International Cooperation Agreement concerning Scientific and Technical Cooperation in High Energy Physics with CERN Director for International Relations Charlotte Lindberg Warakaulle, and Sri Lanka became the 47th country to sign an ICA with CERN. At the time, Minister Premajayantha pledged to send a delegation of physicists to CERN to familiarize themselves with the research work underway and to scope out how the two scientific communities could collaborate effectively. He noted that this year, from among 943 global applicants, which included 25 from Sri Lanka CERN selected 4 undergraduates who will participate in the 2017 Summer Student Programme next month. As the Chair of the Group of Fifteen (G-15), Sri Lanka has also signed an 'Expres-

sion of Interest' between CERN and the G-15 which actively seeks opportunities of cooperation, and under which CERN has agreed to host 40 teachers from G-15 countries this year to participate in a CERN Teacher Programme. The visiting Sri Lankan Physicists' delegation comprised of Prof. W.G.D. Dharmarathne, Senior Professor in Physics, Dean of the Faculty of Technology, University of Ruhuna, Prof. Upul J. Sonnandara, Senior Professor in Physics, University of Colombo, Prof. P. Ravirajan, Professor,

in Physics, University of Jaffna, Prof. S. Rexy Densil Rosa, Professor in Physics, University of Colombo, Dr. (Mrs) M. L. C. Attygalle, Senior Lecturer, Department of Physics, University of Sri Javawardenepura Counsellor Shashika Somaratne and Second Secretary Dilini Gunasekera of the Sri Lanka Permanent Mission were also associated in the sessions During their stay in Geneva, the Sri Lankan physicists familiarized themselves with the several facilities in CERN, including the CERN Data Centre, the Antiproton Decelerator, the Compact Muon Solenoid (CMS), the Gas Electron Multiplier (GEM) Lab and the S'Cool lab for High School students. The physicists also held extensive discussions with the Spokesperson team and Project Managers of the CMS facility on future collaboration between the universities in Sri Lanka and the CMS experiments. In addition, the delegation visited the Synchrocyclotron and the Large Hadron Collider (LHC) superconducting magnet test hall and the Microcosm and Globe exhibitions. The programme concluded with a discussion on follow-up action with the participation of the physicists, the officials from Permanent Mission of Sri Lanka led by Ambassador Ravinatha Aryasinha and the CERN officials led by Prof. Emmanuel Tsesmelis, the Head of Relations with Associate Members and Non-Member States of CERN. Mr. Joel Butler, Spokesperson of CMS, Dr. Archana Sharma, Senior Particle Physicist CMS, Dr Ana Godinho, Head, Education, Communication and Outreach Group and Dr Sasha Schmeling, Section Leader, Teacher and Student Programmes were associated in the discussions



BASEL RO

Agreement has been expressed to activate all clauses of the Basle, Rotterdam and Stockholm International Conventions. The fundamental objective of these three conventions is establishing proper management of chemicals and hazard-ous wastes. It is expected to construct the foundation to a pure future free of poisons and contaminants. Here, Minister of Science, Technology and Research Susil Premajayantha and his team that participated in an international high-profile official meeting in Geneva, Switzerland on the activation of the Basle, Rotterdam and Stockholm International Conventions.

Sri Lanka bags Gold Medal

Continued from page 01...

The "Sand Separator" invented by Master Shanmugarathnam Kajanan of Kokuwil Hindu Vidyalaya, Jaffna won the Junior Silver Medal and the Honor of Invention cup of World Intellectual Property Organization (WIPO) . "Teaching Learning Ma-

"Teaching Learning Material for Periodic Table" invented by Masters Mailwakanam Abishek and Master Koneshwaran Thanujan of Kumburupiti Tamil Central college won the Senior Silver Medal.







Vidya



Why an Accreditation Body is required for a country?

What is the role of SLAB in Sri Lanka?

he Accreditation scheme for Good Laboratory Practice (GLP) of the Sri Lanka Accreditation Board (SLAB) refers to a quality system of management controls for research & development laboratories. GLP is based on OECD (Organisation for Economic Co-operation and Development) Series on Principals of Good Laboratory Practice and Compliance Monitoring as revised in 1997.

GLP is a managerial concept covering the organizational process and conditions under which laboratory studies are planned, performed, monitored, recorded, archived and reported. GLP principles are required to be followed by test facilities, carrying out studies to be submitted to national authorities for the purposes of assessment of chemicals and other uses relating to the protection of man and the environment

In the early 70's FDA (United States Food and Drug Administration) became aware of cases of poor laboratory practices all over the United States. Examples of some of these poor lab practices found were; equipments not been calibrated to standard form and therefore giving wrong measurements, incorrect/ inaccurate accounts of the actual laboratory study, inadequate test systems etc.

In order to overcome these issues, OECD Principals on Good Laboratory Practice were first developed by Expert Group on GLP in 1978. The basis for the work of the Expert Group, which was led by the United States and comprised experts from the following countries and organisations: Australia, Austria, Belgium, Canada, Denmark, France, the Federal Republic of Germany, Greece, Italy, Japan, the Netherlands, New Zealand, Norway, Sweden, Switzerland, the United Kingdom, the United States, the Commission of the European Communities, the World Health Organisation and the International Organisation for Standardisation.

Complying to OECD guidelines means basically to certify that every step of the analysis is valid or not. The purpose of these Principles of Good Laboratory Practice is to promote the development of quality test data. GLPs have heavy emphasis on data recording, record and specimen retention. Test items may include pharmaceutical products, pesticide

products, cosmetic products, veterinary drugs as well as food and feed additives and industrial chemicals or any other product materials

Current Status in Sri Lanka

Though the GLP is widely used in most countries it is pre mature stage in Sri Lanka. There are many Research and Development Institutions in different fields and universities, but no GLP recognition is sought so far. Therefore, recognition of data/ results produced from studies do not recognized internation

The SLAB has developed the accred- itation scheme for Good Laboratory Practices (GLP) very recently based on the OECD principles. SLAB has adopted OECD requirements and guidleines directly with the after obtianng formal approval from the OECD.

The SLAB got application form Sri Lanka Institute of NanoTechnology (SLINTEC) and Initial assessment has been conducted on April and process is still on going. The SLAB has the capacity to expand the scheme for other research and development institutions in the country.

Proposal to funding agencies

At present research grants are awarded by different institutions for studies carried out by R & D Institutions, Universities and also individuals

Sponsor means an entity which commissions, supports and/or submits a non-clinical health and environmental safety study." Sponsor can include an entity who initiates and support, by provision of financial or other resources, non-clinical health and environmental safety studies or an entity who submits non-clinical health and environmental safety studies to regulatory authorities in support of a product registration or other application for which GLP compliance is required.

The sponsor should understand the requirements of the Principles of Good Laboratory

elected at the YSF annual general meeting.





Good Laboratory Practice

Practice in

particular those related to the responsibilities of the test facility management and the Study Director/Principal Investigator.

When commissioning a non-clinical health and environmental safety study, the sponsor should ensure that the test facility is able to conduct the study in compliance with GLP and that it is aware that the study is to be performed under GLP.

As per the above guidelines published by the OECD, it is high time to introduce requirements for research grants to consider the level of compliance with GLP requirements initially and availability of accredited GLP facilities for the use of research activities in future.

Future Perspectives

GLP could be applied for studies carried out in many fields. Therefore, SLAB is working on expansion of its assessor pool and capacity development of assors working with SLAB and its internal staff.

With the

expansion of local accreditation scheme, SLAB will be able to obtian international recognition for the GLP scheme which will facilitate to recognition of research outcome of Sri Lankan Research Institutions

Regulators such as National Medicinal Regulatory Authority (NMRA) will be able to recognized GLP studies carried out by accredited GLP institutions and may be linked with the Good Clnical Pratices (GLP) enabling local pahrmaceutical manufacturing at lower cost

Reference: OECD SERIES ON PRINCIPLES OF GOOD LABORATORY PRACTICE AND COMPLI-ANCE MONITORING

(http://www.oecd.org/officialdocuments/publicdisp laydocumentpdf/?doclanguage=en&cote=env/mc/ chem/98)16)

> Hiruni Kumarathunga **Assistant Director** -Accreditation SLAB

Activities of YSF are coordinated by a Steering Committee

The YSF Steering Com-

entists in

different disciplines such as agriculture, food science, environmental science, engineering, IT, medicine, economics, health sciences,

The Young Scientists Forum (YSF) of National Science & Technology Commission (NASTEC) Sri Lanka

The pioneer forum for young minds

The young Scientists Forum (YSF) of Sri Lanka hosted by the National Science & Technology Commission (NASTEC), under the ministry of Science, Technology & Research was established in year 2000 as a result of the idea came out from the world conference on science for the 21st century held in Hungary in 1999. That conference was attended by a team led by Minister of Science & Technology and Chairman of NASTEC. The main objective of the YSF is to provide an opportunity for young scientists in Sri Lanka to voice their opinion on Science & Technology related issues. Science community strongly believe that young scientists should lead the development of the society as they are the most energetic group of scientists who are rich in innovative ideas. But how they can perform their role? YSF provides the platform for young scientists in Sri Lanka to voice their opinion on Science& Technology issues both within and outside their respective institutes and thereby actively participate in the decision making process. YSF currently consists of more than 700 members of young scientists in different disciplines.

mittee consists of dynamic and multidisciplinary experts in science and technology. YSF annually organizes different events which enable young scientists for networking, future collaborations and to enhance their skills. The major annual event conducts by

YSF is the YSF Symposium. This national symposium provides an ideal opportunity for Sri Lankan young scientists to share their research outputs and encounters they face. Young sci-



social sciences and biotechnology and molecular biology get valued opportunity to look for intradisciplinary collaborations and inter disciplinary collaborations. At the YSF symposium,

Merit certificates have been

awarded for the best presenters to appreciate talents of young scientists.

Other than the annual symposium, YSF annually conducts workshops, special seminars and lectures aiming young scientists

What are the plans of YSF for 2017?

Moreover, in this year, YSF is planning to conduct a short course on B asic Statistics for researchers: Principles and Practices and National school level competition on Science and Technology to select the 'Best Teen Scientist'. Moreover, in this year YSF is going to organize YSF Awards for the "Excellence in Science Research: Once in a life time" to recognize the achievements of YSF members and to motivate them to maintain high standard in their professional carrier. Thereby, YSF warmly welcomes all young scientists in Sri Lanka to be a part of YSF family to grow bigger and stronger where young scientist lead the sustainable development of Sri Lanka.

Pradeep Piyathilaka, Steering committee member, Young Scientists Forum, NASTEC



Let's get to know the Night Sky - 02.

The largest planet of the solar system, Jupiter (Brahaspathi), can be observed right overhead in May night sky. This planet can be observed to be larger than other stars and shining brightly in a whitish yellow colour. Furthermore, as planets do not twinkle like stars, you can easily identify it.

This gas giant takes 9 hours and 56 minutes to rotate around its axis.

 It takes about 12 years for Jupiter to complete one orbit of the sun.

Planet Jupiter



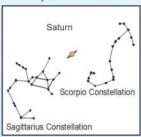
67 moons orbit the Planet Jupiter.
 Out of them, the largest moons Ganymede, Europa, Calisto and lo can be observed through a telescope. The number of moons that can be observed at any one time can differ.

Planet Saturn



Furthermore, the most spectacular planet of the solar system, Saturn, can be observed these nights in the eastern quadrant of the sky and you can identify it at about 9.00 pm. Though this planet is not large like Jupiter, it is a little bigger

than stars. Saturn being located between the constellations Scorpio and Sagittarius at present, making it more identifiable. The Scorpio Constellation is an easily recognized star pattern located towards the southern hemisphere. You can identify this constellation easily these nights at about 8.00 pm appearing as a slanted letter J or in the shape of a scorpion in the southern sky towards the east.

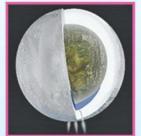


Furthermore, the constellation of Sagittarius is located near the tail of the constellation in the shape of a scorpion. It is a star pattern consisting of two trapeziums and two triangles. This star pattern can be observed after 9.00 pm and the planet Saturn can be recognized as located between constellations Scorpio and Sagittarius after identifying them.

The rings of Saturn can be observed very picturesquely when observed through a telescope.

- Saturn is the second largest planet in the solar system.
- Saturn takes 10 hours and 34 minutes to revolve around its axis.
- Saturn takes about 29 years and 06 months to complete one orbit of the sun.
- · There are 62 moons orbiting Saturn.
- NASA's Cassini spacecraft has discovered that crust of Saturn's moon Enceladus contains water and hydrothermal vents spew water vapor and ice particles from an underground ocean beneath the icy crust of Enceladus.

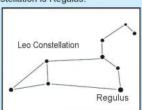
Enceladus



Leo Constellation

You can also identify the Leo Constellation at present.

At about 8.00 pm, six stars in the shape of a sickle, or an obverse question mark slightly to the west and three stars in a triangle a little to the east of those can be observed. When joined together these stars take the form of a lion making it easy for you to recognize the Leo constellation. The brightest star in this constellation is Regulus.



The Sri Lanka Planaterium expects to publish a series of articles on getting to know the night sky in the Vidya newspaper being issued with the Daily News every last Wednesday of the month.

Sri Lanka Planetarium



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Medical laboratory services areessentialin the diagnosis and assessment of the health of patients. Their services encompassarrangements for requisition, patient preparation, and patient identification, collection of samples, transportation, storage, processing and examination of clinical samples, together with subsequentresultvalidation, interpretation, report ingandadvice.

Today it has been a prevailing need and a frequently discussed issue in the country to improve quality and reliability of test reports issued by the medical and clinical laboratories and to upgrade their services to meet the International standards. Realizing this need in the medical sector, the Sri Lanka Accreditation Board(SLAB) has initiated an accreditation scheme to grant accreditation to medical and clinical laboratories based on the requirements of ISO 15189: 2012.

SLAB has accredited 17 Medical Laboratories in the country (By visiting the SLAB website anybody could search for accredited medical laboratories in Sri Lanka.) and closely working with the Ministry of Health to upgrade the quality of medical laboratories. A proposal





has also been submitted to introduce a phase programme for the annual registration of medical laboratories by the Public Health Sector Regulatory Council (PHSRC)of the Ministry of Health. By visiting the SLAB website anybody could search for accredited medical laboratories in Sri Lanka.

AccreditationtoISO15189involvesanindependent SLAB assessment by specialistscientificandclinicalassessors,withexpe triseintherelevantdisciplineofpractice,conductath oroughevaluationofalfactorsinthelaboratorythataffect

- Technicalcompetenceofstaff,
- Validityandappropriatenessoftestmethods,inclu dingpre-examination and examinationelementssuchassamplecollectionandreporting;
- Samplequality,includingpatientidentification,ha ndlingandtransporttomaintain sampleintegrity;
- areviewofthehistoryrelatingtopreviouspatientresultsandanyknownclinicaldiagnoses;
- Procedures relating to the use of referral laboratories "such as specialised testing centres for specific diseases."
- traceabilityofmeasurementsandcalibrationstorelevantstandards;
- Suitability, calibration and maintenance of testeq uipment;
- · testingenvironment;
- qualityassuranceoftestdata;
- · acceptableturnaroundtime
- applicationofappropriateethicalvalues.

To ensure continued compliance, accredited laboratories are regularly reassessed to check that they are maintaining their standards of technical expertise. These laboratories will also be required to participate in regular proficiency testing programs (known as external quality assurance programs or EQAS) as an on-going demonstration of their competence.

Benefits of SLAB Accreditation

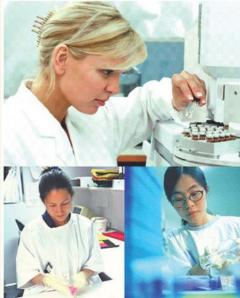
Accreditation is an enabler of quality and a core component of good clinical management; it is patient-focused, impartial, objective, and operates within a peer review model. It provides many benefits such as those detailed below.

For Healthcare Regulators: The need to drive up the quality of care for patients, whilst delivering efficiency



and productivity, is a key principle for regulators of healthcare services. Accreditation can be used as a tool to support the commissioning or specification of medical laboratory services that are technically competent, safe and reliable, and that continually improve the experience for patients by:

- providing an independent assurance of quality and safety that supports world-class decisions on how to deliver better care and value for patients;
- providing a mechanism for measuring



Medical Laboratory
Accreditation

quality improvement;

- supporting consistency in the quality of care;
 and
- encouraging innovation

For Patients

Accreditation requires that the laboratory assesses the value and relevance of the testing in relation to the patient's clinical management. It demonstrates that medical laboratories comply with an international standard, confirming that:

- there is consistency in the quality of care and that this service reflects the stability of the quality of test reports, up-to-date technical methodologies and methodical training
- that the staff providing the services are competent to undertake the tasks they perform.

Accreditation for Medical Laboratories

Accreditation provides proof that a laboratory complies with best practice. It also offers authoritative assurance of the technical competence of a laboratory to undertake specified analysis or measurements according to validated methods.

- provides an opportunity for external perspectives on the laboratory's practice;
- can prevent the unnecessary duplication of information gathering on performance often required by regulatory bodies;
- · encourages the sharing of best practice;
- stimulates innovation;
- reduces risk; and
- · provides international recognition.

Jeewani Karunasagara Assistant Director -Accreditation SLAB



FULL MEMBER OF ILAC, APLAC, PAC, IAF

ILAC MRA Signatory for Testing (Including Calibration and Medical testing) and Inspection IAF MLA Signatory for System Certification (QMS, EMS, FSMS) and Product Certification PAC MLA Signatory for GHG validation and verification.