

# Sri Nathella Sampathu Chetty Clinical Laboratory

## Sankara Nethralaya- An update

**A Unit of Medical Research Foundation**

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April 2023 till date: Activity Report



Clinical Biochemistry



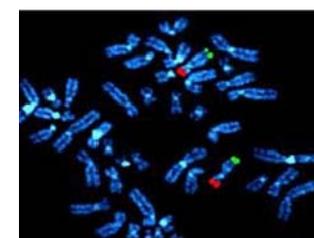
Clinical Hematology



Clinical Microbiology



Histopathology



Clinical Genetics



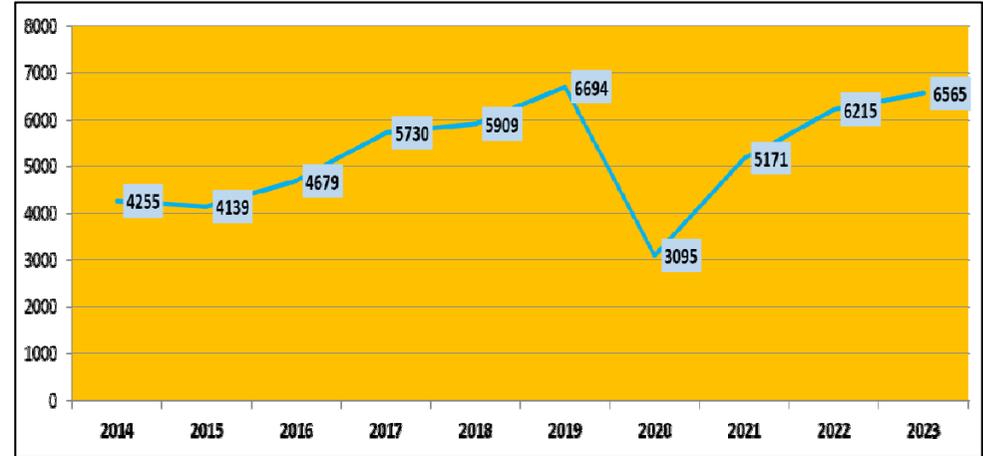
Molecular Diagnostics

# Total patients walking into clinical laboratory services -2023 is 36,783

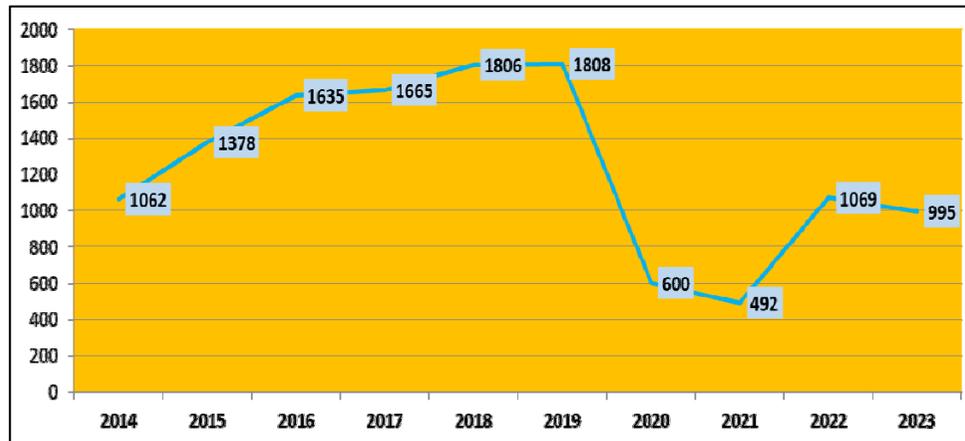
**SN MAIN LABORATORY**



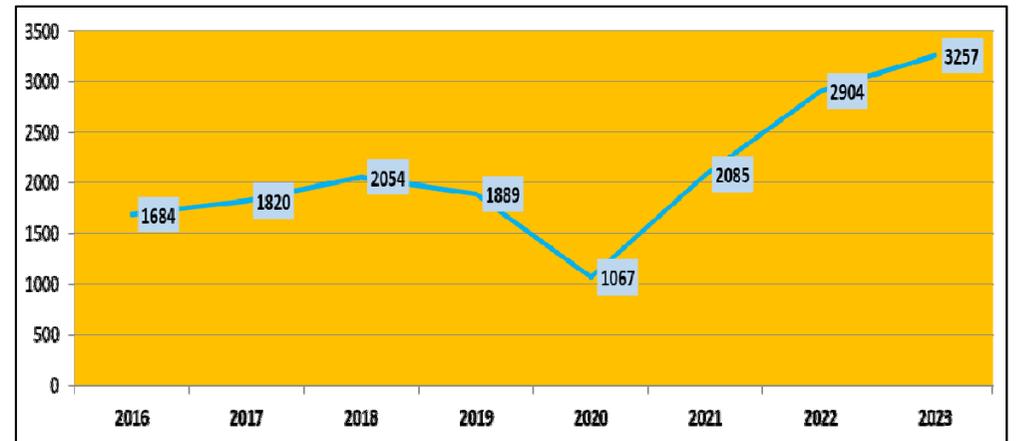
**SNSC COLLECTION CENTRE PYCROFTS GARDEN ROAD**



**SNSC COLLECTION CENTRE SN RA PURAM**



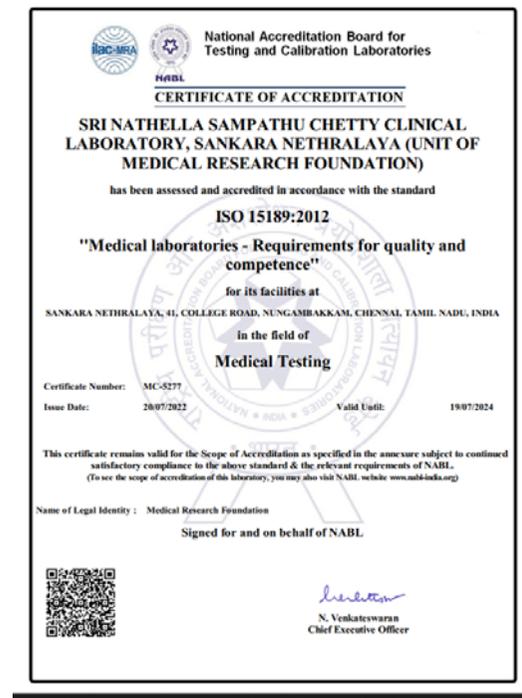
**SNSC COLLECTION CENTRE CUSSN**



## Number of Investigations in the year 2023

	SNSC cl laboratory SN	2023
	Departments	Investigations Number
1.	Cl Hematology	149970
2.	Cl Pathology	27912
3.	Cl biochemistry	110070
4.	Sp cl Biochemistry	1853
5.	Histo/cyto pathology	3957
6.	Microbiology/serology	33916
7.	Genetics	1210
8.	Molecular Diagnostics	3558
9.	Out sourced tests	1430
10	Total specimen collection	<b>36,783</b>

**Total tests offered : 182**  
**133 tests are NABL accredited**





**NABL Surveillance audit** was conducted on 10th June 2023 that recommended the continuation of the accreditation status of the tests

### New tests and Equipments (2023-24)



- iSTAT a point of care device was introduced in Nov 2023 for doing laboratory testing (essential biochemical & Hematology parameters) and cardiac markers as a part of emergency services.

- Autologous serum preparation was introduced in the online requisition form of the SNSC clinical laboratory in Feb 2024

- Cryostat EpreDia™ Microm HM525 NX Cryostat equipment was installed in the Histopathology department in Mar 2024



# Training Programs



## International Lead Auditors Certificate Program and Laboratory Management System Requirements :ISO 15189:2022

- 27 Laboratory technologists and faculty underwent the 2 days and 4 days training course at SN Main in 2 batches. This program was conducted by Dr.Thuppil Venkatesh & Dr.M.Parthiban from Foundation for Quality India (FQI) on 16.08.2023 - 19.08.2023 as organized by MRF. This will now facilitate the SNSC clinical laboratory to upgrade the ISO 15189 standard for the next application to NABL for the accreditation of tests
  
- Dr.Harini & Dr.Suman underwent HIV Testing and Counselling Training (HTCT) certification in April 2023 and Dr.Nandini in Nov 2023 as organized by Saveetha University. This course provides training on pre and post-test counselling,HIV-testing (as per the NABL-112), occupational post-exposure prophylaxis (PEP), legal and ethical issues related to the HIV testing.



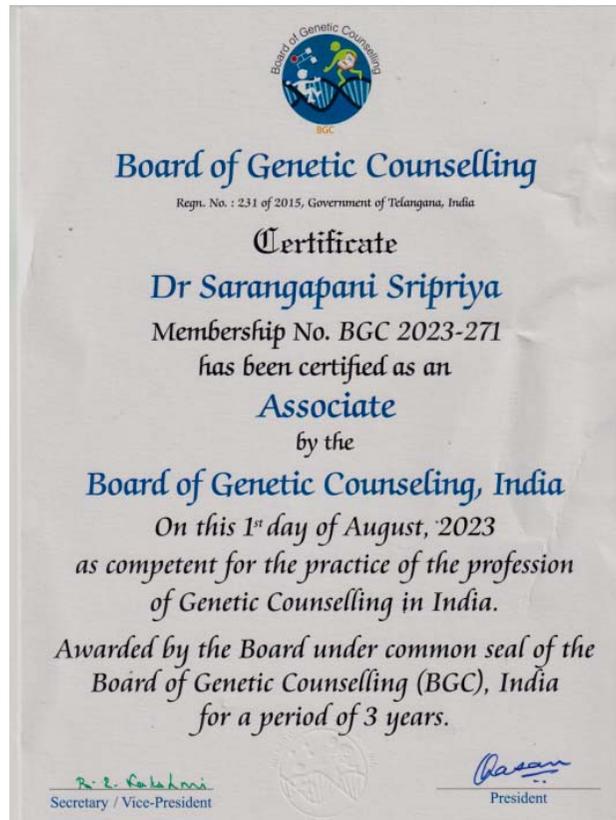
- Undergraduate and post graduate intern students are posted in all the department of the SNSC clinical laboratory as part of the Medical Laboratory Technology course, affiliated to The TN Dr.MGR Medical University.
- SNSC clinical laboratory made a video presentation, “Know Your Lab”, in the SN alumni meeting on 2nd July 2023 to show case the testing facilities in the various department of the laboratory.
- 13 Fellows of 2024 batch at SN underwent orientation in the departments of the SNSC clinical laboratory 18th to 25th Jan 2024 as organized by the Academic department of MRF.

## Awards / Achievements



- “Becton Dickinson India Pvt Ltd, BD LIFE SCIENCES (BD) awarded Main Laboratory SNSC Clinical Laboratory as the top performer in the National level pre –analytical quality check on 26.06.23 based on an audit in the “Preanalytical area.
- Ms.Rajalakshmi won 2nd prize in National Phlebotomy Championship Quiz for the year 2022-2023 conducted by BD. Award received on 26.06.23.





## Genetic counselling

Pre-test genetic counseling discussion offered under the code GCS :  
737 patients were counseled and  
404 patients underwent genetic testing in 2023

Post Test genetic counseling discussion is offered to the patients to  
discuss the genetic test results under the code TGCS and 69 patients  
were counselled in the year 2023

Dr.Sripriya, Associate Prof., Genetics was certified as Associate by the Board of Genetic Counseling , India in Aug 2023

- AIOS Ist Mid- term Conference 2023 Best paper awarded to [Dr.J.Biswas](#), Director, Histopathology , titled “Histopathology, Immunohistochemistry and PCR in Eviscerated/Enucleated specimen of End stage Uveitis”
- Outlook Magazine 2023 announced [Dr.S.Krishnakumar](#) (MD) , Head, Histopathology as the Best City Pathologist (General) consecutively for the second time for the year 2022 & 2023.

## Meetings / Speaker:

- “Enriching Quality and competency in Clinical biochemistry for better patient care”, in the clinical biochemistry Association, CBACON 2023, Chennai
- Dr.Harini : Invited talk Titled: “Nutrigenomics” as part of a week long (11.09.23 to 15.09.23) CME series on Nutrition & Metabolism” conducted by Sree Balaji Medical Collage & Hospital on 15/09/2023
- Dr.L.Dhanurekha gave an invited talk entitled, ‘Antimicrobial resistance – a global threat’ at Peri college of arts and science, organized by department of Microbiology and Chemistry on occasion of Antimicrobial resistance week on 1<sup>st</sup> December 2023.
- Dr. A.R.Anand gave an oral presentation on “ Evaluation of metagenomic 16S rRNA gene sequencing using nanopore platform in the diagnosis of infectious endophthalmitis” at ARVO-IERG held at Aravind Eye Hospital, Madurai between July 28<sup>th</sup> to July 30<sup>th</sup> 2023.
- Dr. A.R. Anand gave a talk (virtual) on “Anti-microbial resistance” for the Asia-Pacific Advanced Network (APAN-57) meeting held at Bangkok, Thailand, 31<sup>st</sup> January, 2024.
- Dr.A.R.Anand participated in the MESU inspection on 16th October 2023 by a committee appointed by the TN state Government at Omandurar Medical College. Dr.Anand explained to the members the Surveillance and Infection control prevention measures at MESU.
- Dr.Krishnakumar, gave an invited talk , titled “Malignant lid tumor” in the Xfile conference held on 20th January 2024 at SN Kolkata.
- Dr.N.Angayarkanni gave an invited lecture in the CME organized by teh Dept of Biomedical sciences titled, “ Dry eye disease: The pathophysiology and Biomarkers” on 20th Jan 2024.



Thank you

Dr.N.Angayarkanni

04.03.2024