

# Director's Report 2023-24

*Approved by the Executive Council on 29-03-2025.*



**THE INSTITUTE OF HEALTH SYSTEMS**

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# The Institute of Health System - Director's Report, 2023-24.

Dear Members of the Executive Council,

During the reporting period, there were significant developments regarding land for IHS campus and substantive changes in composition of the Board of Governors. On 28<sup>th</sup> March, 2024, the Honourable High Court of Telangana upheld the allotment of land for IHS campus and asked the Government of Telangana to issue fresh orders of allotment if IHS deposits land value @Rs30lakhs per acre within 8 weeks. The Institute did not have the required Rs4.8 crores for payment of land value. We pursued with several high-net-worth individuals and potential philanthropists. Eventually, AIG-trustees were kind enough to donate Rs.5.0 crores to the IHS Corpus Fund, for payment land value to the State Government. The IHS Board was reorganized, in accordance with terms of the Memorandum of Understanding with the AIG Trusts. On 10<sup>th</sup> May, we deposited the land value into State Government Treasury and intimated the State Government. As the Government did not take any action, the Institute has petitioned the Honourable High Court to specify a time limit for issue of orders by the State Government. As the Government is yet to file their counter to this Writ Petition, the Institute has also filed a Contempt of Court Case, which is yet to be listed.

In the meanwhile, we worked on a few projects and provided accessible water testing analysis for public health (AWTAPH) to the general public. We strengthened and improved laboratory infrastructure and added new test services. The IHS Laboratory received renewal of accreditation by the National Accreditation Board for Laboratories (NABL).

The Hyderabad Metro Water Quality Monitoring (WQM) project ended by March 2024, as an alternate agency was selected for the next year. The Institute's bid for the sixth MCC Surveillance for Water Safety project was accepted. We have submitted the half-yearly report. Survey work for the remaining period is in progress.

## Human Resources:

We are functioning with a small team mostly of water quality testing & laboratory staff (Table-1). We downsized by 1<sup>st</sup> April, 2024 as the WQM project was discontinued.

*Table 1: Overview of IHS Personnel.*

Category of Personnel	As on 31-03-24			As on 28-02-2025		
	Full Time	Visiting / Consultant	Total	Full Time	Visiting / Consultant	Total
Faculty	3	1	4	2	0	2
Chemical Analysts / Sr. Microbiologists / Research Associates	2	0	2	3	0	3
Microbiologist / Joint Analysts / Research Assistants	2	0	2	2	0	2
Data Processing / System Admin / Software / Research Assistants	3	0	3	2	0	2
WQT Investigators	9	0	9	2	0	2
Lab Registration / Front Office / Admin / Accounts	1	0	1	1	0	1
All	20	1	21	12	0	12

Annexures-1A provides details about the current faculty and personnel profiles of the Institute. A list of outgoing personnel is given in Annexures-1B. Our faculty and staff

participated in a few workshops, seminars and conferences, details of which are provided in Annexure-2. As reported earlier, our academic and training programs are now limited to fellowship, internships and apprenticeships.

Now, I will give an overview of activities during the reporting period and briefly touch upon recent developments during the current year. Thereafter, I briefly summarize organizational transitions during the reporting period. We will then review the time trend of the Institute's financial performance and consider possible directions for the future. Finally, I will seek your comments and approval of the audited accounts of the Institute.

## Reporting Period (2023-24) Events and Activities:

As you all are aware, the Institute pursues five broad types of activities towards improvement of public health. These are (a) Research & Consultancy, (b) Public Services, (c) Training Services, (d) Academic Programmes, and (e) Publications.

### A. Research and Consultancy Projects during the reporting period 2023-24:

The following 5 projects / subprojects were implemented during the reporting period.

#### **1. Metro Water Board Consumer Complaints (MCC) Surveillance for Water Safety:**

The idea of MCC Study for Water Safety in Hyderabad, emerged out of a pilot study of complaints from 'hotspots' identified by the then MD in 2016. It was found that backsiphonage of sewage into distribution lines was the major cause of polluted water supply complaints from consumers. A comprehensive study of MCC based surveillance for water safety was designed, to gather reliable evidence and information about the status of Water Distribution and Sewerage system from the Consumer perspective. This first MCC study was taken up in 2017-18, covering complaints from April 2017 to March 2018. Five MCC studies were completed covering complaints received during 2017-18 to 2021-22. The fifth MCC surveillance project, continued from previous year, was completed in October 2023. The MCC study report for 2021-22 was submitted on 30th October, 2023.

#### **2. Development of Patient Satisfaction Survey Instrument for AYUSH Hospitals:**

The AYUSH Department of Telangana asked the Institute to develop patient satisfaction survey instruments for Ayurveda and Naturopathy teaching hospitals. The report on Development of Survey Instrument for Patient Satisfaction Survey in Ayurvedic Teaching Hospitals in Telangana State was submitted in August 2023.

#### **3. HMDA Lake Water Quality Monitoring Pilot Project:**

As informed in the previous annual report, in November 2022, the TSPCB awarded a pilot project for field observation and monitoring of water quality in 60 lakes. Ten lake observation reports were submitted in during 2022-23. The remaining 50 reports were submitted during the reporting year. In February 2024, the TSPCB allotted the second batch of 30 lakes for field observation and water quality testing.

## B. Current Year to Date (2024-25 YTD) Research & Consultancy Projects:

### 1. Metro Water Board Consumer Complaints (MCC) Surveillance for Water Safety:

The fifth MCC surveillance project, continued from previous year, was completed in October 2023. The MCC study report for 2021-22 was submitted on 30th October, 2023. The next study period in sequence would be. However, the sixth MCC study was taken up from April 2024, in order to reset the recall period. The first monthly sampling frame was extracted in April 2024, from March 2024 calls, and field work started from 1<sup>st</sup> May 2024. The half-yearly report was submitted in December 2024. By end-February 2025, about 80% of field work has been completed.

### 2. Development of Patient Satisfaction Survey Instrument for AYUSH Hospitals:

As mentioned earlier, the report for Ayurveda Hospitals was submitted during the reporting period. The report for Naturopathy hospitals was finalised in reporting period but the report was submitted to the AYUSH Department in October, 2024.

## C. Public Services:

### 1. Chemical Laboratory (ChemLab):

Plans for further expansion of scope to include waste water analysis were initiated during the reporting year. However, procurement of equipment and development of test methods materialized during the current year. These include, Kjeldahl digestion system, closed reflux COD digester, fume hood, bottle top dispenser, etc. Accreditation of the laboratory including the Chemical Lab section has been renewed by the National Board of Accreditation for Testing and Calibration Laboratories (NABL) India; Lab Id: T-4179; Certificate Number: TC-15240; Issue Date: 02-01-2025; Valid Until: 01-01-2029.

Scope of Chemical Laboratory has expanded from 30 to 43 general and chemical parameters for testing of various types of water such as groundwater, surface water, drinking water, packaged drinking water, water from purifier, water for dialysis, purified water, irrigation water, swimming pool water, water for processed food industry, construction water, industrial water, sewage treatment effluents and waste water are within the scope of NABL accreditation.

### 2. Microbiology Laboratory (BioLab):

Plans for further expansion of scope to include waste water analysis were initiated during the reporting year. Biosafety cabinet, additional sterilisation equipment, were procured during the current year. Several membrane-filtration (MF), and enzyme substrate auto-analysis (ESA) based test methods have been developed. The Microbiology section of the IHS Laboratory is accredited by the National Board of Accreditation for Testing and Calibration Laboratories (NABL) India; Lab Id: T-4179; Certificate Number: TC-15240; Issue Date: 02-01-2025; Valid Until: 01-01-2029.

Scope of the BioLab has expanded from 10 to 19 microbiology parameters for testing of various types of water such as groundwater, surface water, drinking water, packaged drinking water, water from purifier, water for dialysis, purified water, irrigation water,

swimming pool water, water for processed food industry, construction water, industrial water, and waste water.

### **3. Accessible Water Testing & Analysis for Public Health (AWTAPH):**

The IHS Laboratory seeks to empower people by easily accessible water quality testing services. Test-packages are designed for water from different sources for various uses. The laboratory tests catalogue now includes 54 multi-parameter test packages, 73 single or limited parameter test services by the Chemical lab and 19 single parameter test services by the Microbiology lab.

As reported earlier, notes and recommendations attached to test reports in a unique feature of water quality test services from the IHS laboratory. People usually have concern about safety and suitability of water for an intended use. For example, is this water safe to drink? Can I use my borewell water for domestic purposes? Is it suitable for gardening? Some clients ask if their water suitable for poultry, fisheries or other animal feed. A baker would be concerned about suitability of water for their operations and a food processing industry would want to know if the water is suitable for washing and cleaning of raw fruits and vegetables. To meet various client concerns, IHS faculty refer applicable standards, fact sheets, public health and/or environmental protection agency advisories, industry guidelines, etc. to offer notes and recommendations regarding suitability of the particular water sample submitted for analysis for their intended purpose.

During the reporting period, about 721 water quality test reports were issued to public. As of February 2025, 715 water quality test reports have been issue during the current year.

### **4. Building Community Awareness and Consumer Observation Capacity to Assess Quality of Municipal Water Supply.**

Modern Architects for Rural India (MARI) was started by a team of young professionals with social work background having a desire for heralding change towards egalitarian society. Their vision is to empower vulnerable sections of the society to fight against poverty, injustice and the environmental degradation that threatens their basic livelihoods (<https://mari-india.org/our-organization/>). MARI's Basti Vikas project in Hyderabad (<https://mari-india.org/basti-vikas-project/>), funded by the Azim Premji Foundation seeks to develop basic amenities (water, sanitation & waste collection) in six selected slums.

On 22<sup>nd</sup> November, MARI's Project Director asked IHS for technical support to train community members and cluster facilitators (Basti Mitra's) on water quality testing in six slums awareness of water quality issues and training camps on field testing of residual chlorine in municipal supplies and sample collection for laboratory testing. These programs were organised in 1<sup>st</sup> week of December. The IHS deputed laboratory personnel as primary resource persons and observers for training camps on 2<sup>nd</sup> and 3<sup>rd</sup> December 2024. Each camp was provided a dedicated primary resource person and an observer to to address emerging issues if any and to share ideas and experiences between camps on a real-time basis. On 2<sup>nd</sup> December, three camps were held simultaneously at; (a) Pukat Nagar, Cherlapally; (b) Surendra Nagar, Narapally, and (c) Gandhi Nagar, Cherlapally, 2/12/2024. On 3<sup>rd</sup> December, another three camps were held simultaneously at (d) Shanti Nagar, Dammaiguda, (e) Yadamma Nagar, Dammaiguda, and (f) BJR Nagar, Dammaiguda.

At each camp, IHS resource persons started by ascertaining participants experience and observations about water supply and quality related issues in their locality. Thereafter, the resource person would explain the source of metro water, how water from rivers reaches their locality, the role of treatment plants and service reservoirs. With help of a consumer observation form, resource persons explained to participants, how to assess and describe observable aspects of their water supply. MARI Cluster coordinator, facilitators and basti Mitra's helped participants read and answer each item in the consumer observation sheet. Resource persons would then explain the significance of residual chlorine and demonstrate the procedure by testing several samples in the presence of participants. The participants were shown how to read residual chlorine test result by comparing DPD colour development in test tube with colour comparator chart. Thereafter, resource persons explained about the possibility of sewage contamination due to vulnerabilities in distribution system and the importance of microbial testing to rule out any such contamination. Samples of live metro water supply were collected for microbial analysis in the lab. Finally, resource persons explained how to file a complaint to water board and shared HMWSSB toll-free number. Subsequently coliform test results were communicated to the MARI cluster coordinator, facilitator as well as the concerned Basti Mitra's with appropriate advice based on test results. In cases where *E. coli* is absent, the concerned consumer advocates are reassured about potability of water. In cases where *E. coli* was identified, the consumer advocates were informed about faecal contamination, advised use alternate source of drinking water and provided with information to register complaints with Metro Water authorities.

Altogether about 145 residents spread over six slums participated in the program. In addition, 14 staff / volunteers of MARI consisting of the cluster coordinator, facilitators and basti mitras were trained in residual chlorine testing and sample collection procedures.

## **5. Funding Proposal to Azim Premji Foundation to provide Technical Support for Community Monitoring of Municipal Water Quality in Slums of Hyderabad.**

On 16 December 2023, we submitted a proposal to the Azim Premji Foundation (APF) through their grant application portal (<https://azimpremjifoundation.org/who-we-are/how-we-are-organised/grants/> & [https://appi.fluxx.io/user\\_sessions/new](https://appi.fluxx.io/user_sessions/new)) seeking a grant to further develop the Nagar Jal Suraksha app enable participation by water safety volunteers to supplement water quality monitoring by municipal water utilities. On 3<sup>rd</sup> April 2024, the Director explained key features of the IHS proposal to APF officers during the course of a tele-conference organised by the APF. On 7<sup>th</sup> June 2024, two officers from the Hyderabad office of APF visited the Institute to familiarise with IHS programs and facilities and discuss about the grant proposal. On 27<sup>th</sup> July 2024, the Director and Addl. Director attended a meeting of several community advocacy organisations, organised by the APF. Representatives of the Modern Architects for Rural India (MARI / <https://mari-india.org/>) and SAFA India (Safa / <https://www.safaindia.org/>) were among the participants at this meeting. The Director IHS, gave a presentation about the IHS role as an independent water quality monitoring agency for HMWSSB toward ensuring quality of drinking water in Hyderabad.

The Director provided further clarifications over a video conference, on 8<sup>th</sup> October 2024, with APF officers including the subject-matter officer from the APF Head Office.



Additional information, and revised drafts of the proposal and budget were submitted to APF officers as and when required. During first fortnight of November 2024, several revisions of the program design document were shared with the concerned officer of the APF. APF officers visited the IHS on 13<sup>th</sup> Nov 2024 and advised further revision of the program design document and budget. Accordingly, revised drafts were shared with the concerned officer, on 15<sup>th</sup> November. On 10<sup>th</sup> December 2024, APF-Finance Department Officer visited the IHS, examined IHS accounts, audit reports, and various documents regarding organisational, tax and regulatory compliance.

In the meanwhile, we worked to familiarise with two community advocacy organisations, namely MARI and SAFA. On 27<sup>th</sup> October, 2024 the Additional Director, along with some water quality investigators visited program areas of MARI in Balapur, Dammaiguda and Jawaharnagar, interacted with Basti Mitra's. IHS WQIs demonstrated field testing of residual chlorine and collected several samples for bacteriological analysis. As described earlier, we collaborated with MARI and provided technical support to build awareness regarding quality of municipal supply, among slum dwellers and trained some of their staff for field testing of residual chlorine. On 27<sup>th</sup> November, 2024 the IHS Additional Director along with Water Quality Investigator visited SAFA India office, discussed with their officers, and familiarised with some of the slum areas being covered by SAFA. They demonstrated field testing of residual chlorine and collected a few samples for bacteriological analysis. Subsequently, on 11<sup>th</sup> January 2025, the Director visited SAFA office and interacted with SAFA leadership to learn about their community empowerment activities and to share about IHS experience in water quality monitoring.

On 6<sup>th</sup> January 2025, the Change Management and Grant Making Lead of APF-Hyderabad office informed that APF officers had discussed IHS proposal internally and advised that: (a) The final outcomes must be owned by MARI and SAFA as they are working on the ground rather than IHS, (b) IHS could provide technical support to MARI and SAFA and their role and budget has to be limited to this extent only; so, divide the proposal and budget into three parts –MARI , SAFA and IHS; (c) If IHS has to provide this kind of support to other organization in future does IHS's have any ongoing work with vulnerable communities other than raising grievances with relevant authorities and training the youth.

A video conference of IHS, MARI and SAFA representatives was held on 8<sup>th</sup> January to discuss about further course of action in view of the advice by APF officers. In this meeting, we suggested that MARI and SAFA should identify and recruit the water volunteers. IHS will train the volunteers in testing the water for chlorine levels. The volunteers can collect samples for laboratory testing at IHS. MARI representatives felt that the project is highly essential. As several families in slums buy canned water for drinking, its quality should also be assured. MARI agreed to own up the project and share responsibility for the community level activities under it. Representative of SAFA agreed with the view of MARI. This was followed up by a meeting of all concerned at the IHS, on 15<sup>th</sup> January, 2025. Practical details of community monitoring of water quality in various bastis and slum areas covered by the two organisations (MARI & SAFA) was discussed. Both organisations agreed to develop their proposals and submit to the APF, by end January.



It is learnt that both MARI and SAFA have since submitted their proposals to the APF. We are awaiting further communications from the APF.

## 6. Publications:

The IHS publication in the reporting year is listed in Annex 3.

## D. Training Activities:

The Institute's training program is now limited to skill development internships in laboratory techniques, field testing, sample collection, sanitary inspection of service reservoirs, water safety, data processing activities.

Table-2 shows an overview of internships offered by the IHS during the reporting period and current year. We had to relieve four candidates before completion of the internship, as the field training opportunity shrunk due to closure of the WQM project.

**Table 2: Overview of Internships and Apprenticeships at IHS, 2023-24.**

Sl	Practice & Skill Development	Reporting Year, 2023-24			As on 31-03-24	Current Year 2024-25YTD			As on 28-02-25
		Intake	Dropouts	Completed.		Intake	Dropouts	Completed.	
1	Laboratory Technique	8	2	4	2	5	1	1	3
2	Water Safety Surveyor	1	0	0	1	1	0	1	0
3	Front Office & Accounts	2	0	1	1	1	1	0	0
4	Data Processing & Sys Admin.	1	0	1	0	0	0	0	0
5	Apprentice Water Quality Investigators	12	3	0	9	5	4	0	1
Total		24	5	6	13	12	6	2	4

Number of internships discontinued and completed do not add up to the number joined because each of these figures are about join/drop/complete events during the year in respect of persons who might have joined as interns during the current as well as previous periods. An internship is usually one year duration. Annex-4A gives short biographies of fellows, interns and apprentices, and Annex-4B gives a list of fellows, interns and apprentices who left the Institute for various reasons.

## E. Academic Programs:

**1. Masters' in Public Health (MPH):** There is no further development since the last meeting.

**2. IHS Land-High Court case:**

The circumstances leading to allotment of land and the public interest litigation resulting in High Court stay of the allotment has been reported in previous annual reports from time to time. As there has been significant development during the reporting and current year, a brief summary is presented below followed by details of further development.

At the time of its foundation in 1990, the Institute focused on development of human resources, evidence and information for health systems strengthening. The issue of land for the Institute's campus was relegated for the time being. However, by late 1990s, it was realised that adequate land was critical for a development of a college of public health and

other facilities towards objects of the Institute. Accordingly, the IHS first approached the Collector Hyderabad for allotment of a piece of surplus land in Ameerpet Mandal, Hyderabad. By 2003, it was clear that this land would not be available. On 24-07-2004, IHS applied for allotment of Ac8.0 in Survey No.136/P of Gachibowli village. This was recommended by the Collector Ranga Reddy and Chief Commissioner Land Administration (CCLA) to the Government. However, Government decided to allot this land to three different private hospitals. Thereafter, IHS Board members met the Chief Minister on 5-7-2008 for allotment of an alternative land on concessional rate. The Collector Ranga Reddy identified Ac16.00 in Survey No. 16/P of Gandipet village and, proposed for its allotment to the IHS, vide Lr.No.Lc1/5840/2008 dated 27-10-2008. The Empowered Committee for Allotment of Government Land to Various Institutions / Organizations, in the meeting held on 14-11-2008, recommended alienation of the said land to IHS at the market value of Rs29.05 lakhs per acre. This Chief Commissioner Land Administration (CCLA) communicated recommendations of the Empowered Committee to various departments of Government, vide CCL's Lr. No. B4/555/2005, dated 18-11-2008. On 08-12-2008, the Collector Ranga Reddy District, vide Lr.No.Lc1/5840/2007, informed that Gandipet village does not come under the purview of GOMs.No.111 (MA&UD dated 08-03-1996) and that the Gram Panchayat had resolved that they have no objection, if the land is allotted in favour of Institute of Health Systems for building a world-class College of Public Health and campus. The MA&UD Department, vide Letter NO.135/I/2009-1 dated 6-1-2009, informed the CCLA that there is no objection for the proposed alienation of land to the IHS for building a world-class college of public health. On 13-02-2009, the Council of Ministers approved the proposal for alienation of land to IHS and fixed the concessional value of Rs10.00 lakhs per acre. Accordingly, the land was allotted to IHS vide GOMs No. 260 dated 21-02-2009.

A public interest litigation (PIL) was filed before the High Court, by one Sri V. Ravi Babu, represented by Advocate Sri Kanakamedala Ravindra Kumar, against the alienation in GOMs260. On 19-03-2009, the Honourable High Court of Andhra Pradesh issued a stay order in WP5731 of 2009.

Sri D. Prakash Reddy, Senior Advocate at the High Court, agreed to represent the IHS case pro bono, subject to bearing the cost of filing and expenses of junior advocate by the IHS. Accordingly, Sri P. Radhive Reddy filed vakalat on behalf of the IHS.

In 2015, the case was listed on several dates with short gaps. IHS has filed the counter on 19/06/2015. Govt also filed the counter justifying the allotment of land in favour of IHS. The case was listed for final hearing on 20-03-2024. Sri P. Radhive Reddy represented the IHS. The case was adjourned to the next day. The President & Director IHS was present in court on both these dates. Sri Radhive Reddy argued IHS case, on both these days, as Sri Prakash Reddy was out of town. The case was adjourned and listed again on 28-03-2024. Sri Prakash Reddy was available and argued the case. The President & Director IHS was present in court. Concerned Government Pleaders were present on all three days of the final hearing. However, the petitioner's advocate was absent on all three days.

After studying the case papers and hearing IHS case, the Honourable High Court of Telangana, upheld the alienation of govt land to IHS for development of College of Public Health. However, the Court did not agree with the concessional rate. On the other hand, the

Court recognised that the IHS had suffered due to the long delay on account of the stay order. Considering all aspects, the Honourable High Court of Telangana ordered that IHS to deposit @ Rs30.00 lakhs per acre within 8 weeks.

The President & Director approached several institutions and high-net-worth individuals. About five groups agreed to explore the potential for a collaboration. To each group, we provided information about; (a) track record of the IHS, (b) IHS preparations for development of college of public health and international-masters' in public health course, (c) documents and information about the land for IHS college of public health, and (g) IHS Society Memorandum of Association and Rules. The President followed up with each group, attended meetings to clarify their doubts and brainstormed about potential modalities for collaboration. Eventually, discussions with the AIG Group [Asian Medical Foundation (AMF) and Asian Healthcare Foundation (AHF)] fructified and, on 09-05-2024, the IHS Board approved the signing of a memorandum of understanding with the AIG-Trusts (Fund Providers). The MOU was signed on the same date. On 10-05-2024, the AMF donated Rs5.0 crores to IHS Corpus Fund. On the same date (10-05-2024), the land value Rs4.8Crores, as ordered by the Hon'ble High Court in WP5731 of 2009 judgment dated 28-03-2024, was deposited, by cheque, into Government of Telangana STO Ranga Reddy (Treasury/PAO Code: 2301) account, vide Treasury Challan # 6400500832 dated 10-05-2024. The cheque was cleared on 15-05-2024 and, on 17-05-2024, a letter was submitted to the Government of Telangana with details of the treasury challan and requesting orders for transfer of the land to the IHS, in accordance with High Court Order. Thereafter, the President called on the Chief Secretary and the Principal Secretary Revenue requesting to expedite Government orders.

However, the Government has not issued any orders so far. On 24-10-2024, the Institute filed a Writ Petition (WP29892/2024) before the High Court of Telangana, praying for directions to the State Government to issue fresh order of allotment and handing over possession of the land to IHS within a specified date. The case came up for hearing on 30-10-2024 and 23-01-2025, but the Government of Telangana is yet to file their counter affidavit. On 07-02-2025, the Institute filed a Contempt of Court case against Mr. Navin Mittal, the Principal Secretary to Government of Telangana. However, the case is yet to be listed. Mr. Rohit Pogula is the IHS Advocate for both cases. We are pursuing the two cases with help of the Advocate.

### **3. Land Development Charges:**

The members are aware that, pending finalization of the court proceedings, we initiated proposal with HMDA for conversion of land use from recreational zone to institutional zone. We paid an amount of Rs 9,90,000 towards 50% of the development charges on 24/03/2014. Payment of balance 50% of development charges to HMDA along with interest is pending. In March & Jun 2018, we requested HMDA to calculate the balance to be paid along with draft challan. HMDA has referred the issue to TS Govt and further there is no response.

## Organisational Transitions:

In accordance with the MOU with Fund Providers, the IHS Board of Governors streamlined itself. Six members, namely; (i) Mr. D.R. Garg, (ii) Smt. Srilatha Sivalenka, (iii) Dr. L. Narendranath, (iv) Dr. Veerender Sangwan, (v) Dr. Rama Devi, and (vi) Dr. V. Raman Kutty, voluntarily resigned from the BOG. The resignations were accepted by the Board on 17-05-2025. On the same day, three Charter members; Namely; (a) Dr. D. Nageshwar Reddy. (b) Mr. PVS Raju, (c) Dr. N. Ramesh Kumar, were admitted by BOG and two institutional members, namely; (i) the Asian Medical Foundation (AMF), and (ii) the Asian Health Care Foundation (AHF) were admitted. Mr. Jasti Venkateswarlu was accepted as nominee of the Asian Medical Foundation. The Asian Health Foundation is yet to designate their nominee. First meeting of the reconstituted Board was held on 22-05-2024.

## F. Taking Stock of the Institute's Financial Position:

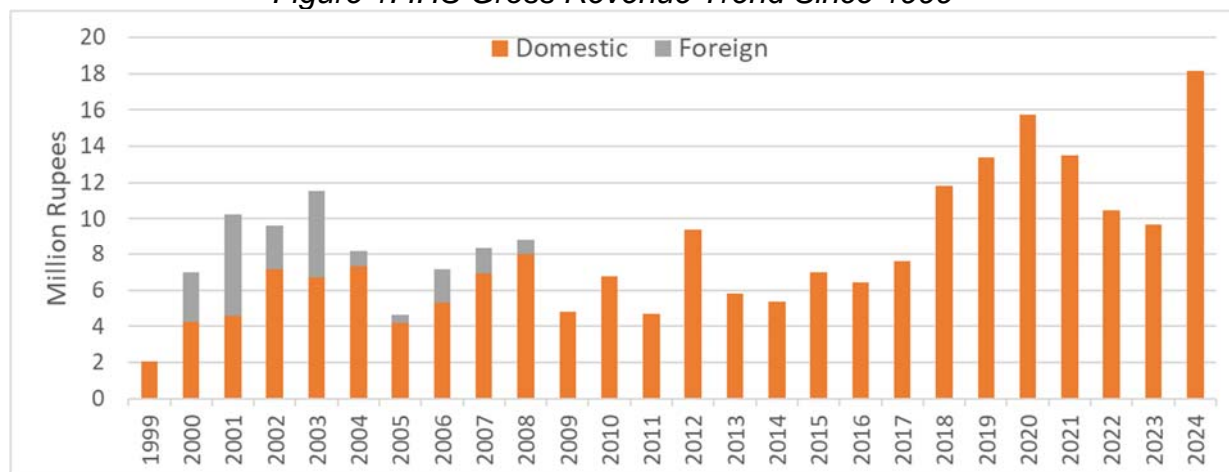
### 1. Revenue from Laboratory Services:

In recent years, the laboratory has significantly increased its output and has also been a major source of revenue. An overview of revenue from IHS laboratory services is in Annex-5 which shows that most of the revenue is being generated from public services, largely contributed by the Water Quality Laboratory, Water Quality Monitoring and Metro Consumer Complaints Surveillance study. I am happy to report that the laboratory revenue from generally public, through accessible water testing analysis for public health (AWTAPH) has increased during the reporting period.

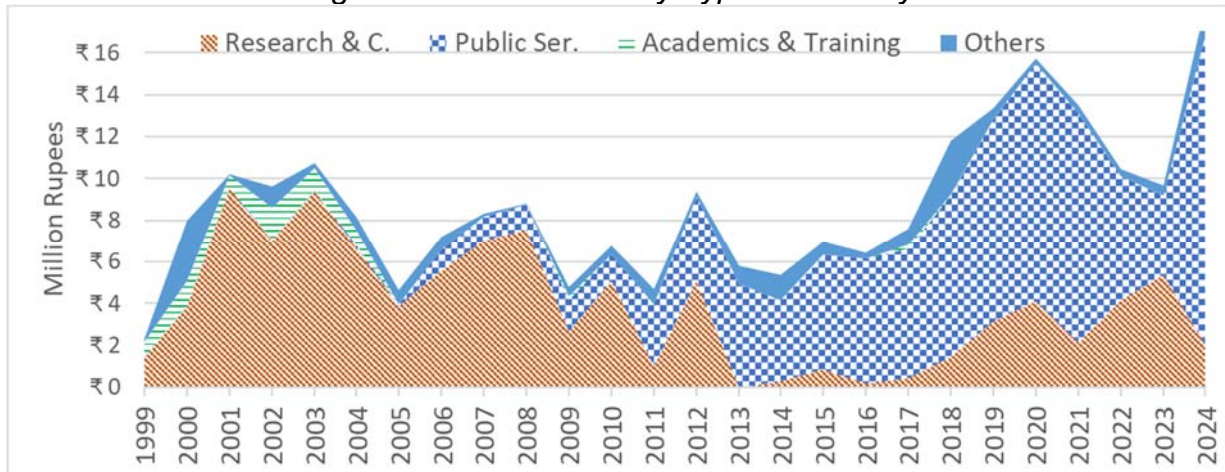
### 2. Overall Revenue Trend:

Classification of the Institute's revenue from domestic and foreign sources as well as by activity is given in Annex-6. In Figure 1 the gross revenue generated by the Institute from the financial year ending in March 1999 has been summarized. The gross revenue during the recent three reporting periods (FY 2021, 2022 & 2023) was declining. However, the trend reversed during the reporting year (2023-24). Figure-2, shows that, most of our revenue has been contributed by Research and Consultancy till 2012. Revenue from research activities reduced in the years 2013 to 2017. From 2018 onwards, there is modest increase in revenue from research.

Figure 1: IHS Gross Revenue Trend Since 1999



*Figure 2: IHS Revenue by Types of Activity*



I look forward for your guidance in addressing these important issues.

## Accounts and Audit Report:

The audited accounts of the Institute for the year 2023-24, is enclosed. I now request you to consider the same and give your approval with suggestions if any.

Finally, I thank you for having spared the time to participate in this meeting. Your presence is a great inspiration to me, and my colleagues.

I would now request you to consider this report and give your valuable advice and guidance for further development of the Institute. We would like to assure you that we will do our best to translate your ideas and suggestions into action.

Dr. Prasanta Mahapatra, Director

Date: 29-03-2025



## Annex - 1A

### Faculty and Personnel Profile

#### Full Time Faculty

**Dr. Prasanta Mahapatra, President & Dean (Holding Charge of Director, From 10-01-2023)**

Dr. Prasanta Mahapatra is a medical doctor, a Takemi Fellow in International Health and a PhD in International Health Policy & Economics from Harvard University. After practicing for some time as a Medical Officer in the Central Government Health Scheme, Dr. Mahapatra joined the Indian Administrative Service, in 1980. He served in various capacities in East-West Godavari, Nellore, Nalgonda, Krishna and Guntur districts. He is experienced in revenue, general administration, disaster management, rural development, tribal welfare, women welfare, medical, health, information technology, irrigation and school education sectors. His experiences in the health field includes Registrar of the NTR University of Health Sciences, Director Medical Education, Commissioner Medical Services, Senior Faculty at the Administrative Staff College of India, Director Institute of Health Systems, and Director - Vice Chancellor of the Nizams Institute of Medical Sciences. Before his retirement from civil service, he was the Director General of the MCR Human Resources Development Institute and Ex-officio Special Chief Secretary to Govt. of AP. He has served as member of ICMR Scientific Advisory Group, and Core Group of the Department of Health Research. He was a member of the steering group of the National Nutrition Mission. He was a member of the Scientific and Technical Advisory Group of the WHO - Alliance for Health Policy & Systems Research from 2009-15. Dr. Mahapatra has contributed to the Global Burden of Disease estimates published in the World Bank's World Development Report, 1993. He was a consultant to the Asian Development Bank, regarding development of fund mobilization strategy by the Bhutan Health Trust Fund, and development of ADB's India Health Strategy. He has published articles and books in the fields of general administration, rural development, and public health.

**G. Vijaya Bhaskar, Additional Director (24-02—2023 onwards) & Finance Officer (14-04-2023 onwards)**

Vijaya Bhaskar received his master's degree in philosophy. Before entering Government service, he worked as Sales Executive in "Udyam" daily under the chairmanship of Dasari Narayana Rao, Film Director. Later he worked as Tutor in Girls Junior College, Kurnool district.

He joined Government Service in the year 1989 and worked as Asst. statistical Officer. He served in various districts in Rayalaseema and Telangana. He came to Hyderabad in 2000-2001 and worked as Superintendent in the National Agriculture Insurance Scheme. During this period, he covered all districts in the state and participated in the district meetings under NAIS. He is also actively involved in a special programme under NAIS in which many representatives from United Nations organisation made a visit to Andhra Pradesh to supervise crop position and yield arrivals in the low fertility areas. Later he was transferred to the AP



Secretariat, Hyderabad and actively involved in UIDAI (Unique Identification Authority of India) and GOI schemes. He worked as Administrative Officer in the Remote sensing Applications, Hyderabad under the chairmanship of Sri SP Tucker.

He served in the District Chief Planning Office, Mahbubnagar and was in charge of multifarious activities like Agriculture, ASI, Crop Estimation Survey, and Industrial Statistics MPLADS, ACDP Preparation of Drought reports and attended Chief minister and other ministers Notes for all the meetings chaired by the District Collector. After bifurcation also he worked in the district Chief Planning Office, Mahbubnagar, Government of Telangana. He was actively involved in Samagra Kutumba Survey in the month of August 2014. Later he was made in-charge of the Chief Minister's Assurances in AP Secretariat, Amaravathi. He is also actively involved in key performance Indicators and Smart village smart ward programmes.

Later he made over In-charge of Administration in the Directorate of Economics and Statistics, Vijayawada. He has attended all the activities Administration including Court cases for a period of four years. Later he shifted to Industrial Statistics, Annual Survey of Industries, Prices, and Economic Census. During his regime he contributed well in releasing the five publications on Industrial statistics.

## **Research, Laboratory and General Support Personnel:**

### **P. Santhosh Kumar, Chemical Analyst:**

Passed B.Sc. from Vasundhara Degree College under Osmania University, in 2011. He passed MSc Chemistry from Acharya Nagarjuna University, in 2018.

For 6-years, from, 2014 to 2020, he worked as a Chemist for water analysis in HMWSSB QAT-Wing Central Laboratory. Earlier he worked as IPQA Executive in RA Chem. Pharma (June 2013-14), where he was responsible to ensure water quality testing. He has also worked as a IPQA chemist in Zenara Pharma (May 2011-2013) where he was involved in quality checks of pharmaceutical product like Nocrette Gum, Cetirizine dihydrochloride tablets and Omeprazole capsules.

### **Baindla Bhargavi**

Passed B.Tech. in Diary Technology from the PVNR Telangana Veterinary University in June 2019. By May 2022, she completed M. Tech. (Diary Science) in Diary Microbiology from Karnataka Veterinary, Animal & Fisheries Sciences University, Bidar. University by July 2022. By February 2024, she completed her one-year Internship in Microbiology Laboratory Technique at the IHS Laboratory. She is trained in Laboratory Quality Management System and Internal Audit as per ISO/IEC17025:2017.

### **Boorla Manasa**

Passed B.Tech. in Diary Technology from the PVNR Telangana Veterinary University in June 2019. She served as Lab Assistant and Processing Supervisor in Milk Chilling Centre, Zahirabad from 28th October 2019 to 25th November 2020. She was the Chemistry & Microbiology Executive in Karimnagar Diary Complex from August 2022 to April 2024. She is trained in Laboratory Quality Management System and Internal Audit as per ISO/IEC17025:2017.



### **Chiluka Madhuri**

Passed M.Sc. Microbiology in 2021, from the Osmania University. By 29th February, 2024, she completed her one-year Internship in Microbiology Laboratory Technique at the IHS Laboratory and was appointed as the Associate Microbiologist.

### **Erra Shravanthi**

Passed M.Sc. Microbiology in 2023, from the Osmania University. She completed her Internship in Microbiology Laboratory Technique at the IHS Laboratory from 9<sup>th</sup> October 2023 to 31<sup>st</sup> October 2024. Thereafter, she was appointed as Associate Microbiologist at the IHS Laboratory.

### **Raj Kumar Mabbu**

Did a Diploma in Computer Science and Engineering from St. Mary's at Deshmukh, from June 2014 to May 2017. He then did his degree in B. Com. from Osmania University, from June 2018 to January 2021. He worked as Management Information System (MIS) Assistant in Pure Energy Pvt. Ltd. From Dec 2021 to February 2023. He joined the IHS as Data Processing Officer and Research Assistant on 1-3-2023.

### **B. Rama Krishna**

Passed B.Sc. (Computers) from the Osmania University in July 2022. On 27th February 2023, he was admitted by the IHS as an Intern in Data Processing and System Administration. He completed the Internship by 29th February 2024. Thereafter, he was appointed as the Systems Administrator.

### **Putta Madalasa**

Graduated in 2017, from Osmania University, with B. Com (Computers). In 2019, she completed her master's in business administration (Finance) from Osmania University. She is trained in typewriting - higher and shorthand. She worked as data analyst in Resolute B2B from September 2021 to February 2023. In May 2024, she completed Tally Prime - Beginner from Skynet Technologies. She has joined as the Institute's Accountant, from 27-07-2024 AN.

### **K. Prabhakar, Water Quality Investigator:**

Intermediate with Mathematics, Physics and Chemistry from Nava Chaitanya Junior College, Hyderabad affiliated to the State Board of Intermediate Education. Completed internship at IHS on Field Testing of Residual Chlorine & Water Sample Collection (Water Quality Investigation), by 31st Aug 2015. He is working as Water Quality Investigator / Field Surveyor for MCC since June 2017.

### **Nagaraju, Water Quality Investigator:**

Intermediate with Mathematics, Physics and Chemistry from Nava Chaitanya Junior College, Hyderabad affiliated to the State Board of Intermediate Education. His internship started at IHS on Field Testing of Residual Chlorine & Water Sample Collection (Water Quality Investigation), from 15th May 2020 and completed by 31<sup>st</sup> May 2021. After internship, he is working in IHS as Water Quality Investigator from 1<sup>st</sup> Jun 2021.

## Annex-1B

## Outgoing Personnel in 2023-24 &amp; 2024-25(Ytd).

Sl	Name	Designation	Join date	Leave date	Remarks
1	G. Laxminarayana	Addl. Director & Fin. Officer	20-10-2022	14-04-2023	Resignation.
2	A Nikitha	Microbiologist	01-02-2022	29-11-2023	Resignation.
3	M. Ajay Kumar	Water Safety surveyor	15-02-2023	16-06-2023	Resignation
4	M. Durga Prasad	Water Quality Investigator	13-02-2023	31-07-2023	Termination
5	K. Kalyan Kumar	Water Quality Investigator	13-02-2023	26-08-2023	Termination
6	M.Pavan Kalyan	Water Quality Investigator	13-02-2023	25-09-2023	Terminated
7	K. Kalyan Kumar	Water Quality Investigator	13-02-2023	26-08-2023	Terminated
8	V. Mahesh Kumar	Water Quality Investigator	27-03-2023	20-05-2023	Terminated
9	D. Sudhakar	Faculty & Assistant Director	16-12-2021	08-02-2024	Resignation
10	RVG Sai Gandhi	Finance Officer	18-06-2024	30-09-2024	Resignation
11	G. Suvarna	Sr. Chemical Analyst	28-08-2024	30-12-2024	Resignation
12	Ramavath Mathru	Faculty & Assistant Director	13-06-2022	30-06-2024	Resignation
13	P. Sravanthi	Chemical Analyst & Res. Assoc.	04-08-2017	31-07-2024	Termination
14	Harshada S. Valanju	Chemical Lab Technician	13-06-2023	06-04-2024	Resignation
15	K. Lakshmi Deepthi	Accountant	01-12-2023	30-07-2024	Resignation
16	Md. Mehamood	Water Safety Surveyor	04-07-2024	24-11-2024	Resignation
17	M. Sanjana	Front Office & Accts. Assist	01-04-2024	15-11-2024	Resignation
18	D. Ashok Kumar	Water Quality Investigator	28-11-2021	31-03-2024	Terminated
19	E. Rupesh Babu	DPO & Res. Asst.	01-02-2023	16-03-2024	Resignation
20	N. Sandeep	Water Quality Investigator	13-03-2023	31-03-2024	Termination
21	G. Jaya Krishna	Water Quality Investigator	28-02-2023	31-03-2024	Termination
22	Mohammad Jilani	Water Quality Investigator	23-02-2023	31-03-2024	Termination
23	BV. Victoria	Sr. Microbiologist	01-10-2019	01-03-2024	Resignation
25	K. Karthik	Water Quality Investigator	01-02-2023	31-03-2024	Terminated
26	P. Narsimha Raju	Water Quality Investigator	20-03-2023	31-03-2024	Terminated

Notes: Join date is the first day of the current spell of personal affiliation with Institute. However, the nature of initial affiliation might have been different from the status at the time of exit. For example, a person may join as an intern or apprentice and may then be employed by the Institute at the end of internship. Similarly, the designation of those employed may change from the date of entry to the date of exit.

## Annex-2

### IHS Participation in Training Programs, Workshops, Seminars and Conferences in 2023-24 & 2024-25 (Ytd)

#### B. Bhargavi. Lead Microbiologist

Course/Workshop Title	Institution	Dates
Internal Auditor Training on ISO/IEC 17025-2017	Up My Skill, Online Training Solutions	24 <sup>th</sup> May-2024

#### CH. Madhuri Associate Microbiologist

Course/Workshop Title	Institution	Dates
Quality Manager and Internal Audit-ISO170252017	QGlobal Management Consultant Pvt Ltd	15 <sup>th</sup> -July-2024

#### E. Shravanthi-Associate Mirco Biologist

Course/Workshop Title	Institution	Dates
Quality Manager and Internal Audit-ISO170252017	QGlobal Management Consultant Pvt Ltd	15 <sup>th</sup> -July-2024

## Annex-3

### IHS Publications in 2023-24

#### Public Reports, RP Series:

PubId	Title & Author	Pages
RP68/23	Development of Survey Instrument for Patient Satisfaction Survey in Naturopathy Teaching Hospitals in Telangana State. Prasanta Mahapatra, G. Surendra, Mathru Ramavathu.	44 +AP27

Note: AP27 = Appendix Pages: 27.

## **Annex -4A:**

### **Fellows, Interns and Apprentices at the Institute in FY 2023-24 & 2024-25 (Ytd, 28-02-2025).**

#### **Fellows:**

##### **G.Dhana Lakshmi, Short Term Fellowship in Chemical Analysis for Water Quality Testing:**

Dhana Lakshmi passed B.Sc. in Chemistry and Zoology from Ambedkar University, Hyderabad in 2015. She completed M.Sc. in Food Science and Quality control for Sri Padmavathi Mahila Viswa Vidyalam, Tirupati, Women's University in 2017. She worked as a Lecturer in Sri Chaitanya Junior College, Tirupati. Later She joined as Chemist in Sri Varsha Foods, Renigunta. After one year of service, she joined Trainee Analyst in Spices Board of India, Guntur in 2019. She worked there for one and half years. Later she joined Vimta Labs for two years. Subsequently she joined Brane Enterprises as Associate Process Leader. She was admitted by the IHS as Short-Term Fellowship in Chemical Laboratory. She successfully completed her Short-Term Fellowship by 31-08-2024.

#### **Interns:**

##### **Valanju Harshada Santosh, Intern in Chemical Laboratory Technique:**

Harshada passed B.Sc. in Botany from University of Mumbai, in 2016. She completed M.Sc. in Environmental Science from Savitribai Phule Pune University, in 2019. She worked as a junior chemist in Skylab Analytical Laboratory, Kalyan for 8 months. On 1<sup>st</sup> June 2022, she was admitted by the IHS as an Intern in Chemical Laboratory Technique. She successfully completed her internship by 31-05-2023. Subsequently, she was appointed by the Institute as a Chemical Lab Technician, and she joined on 13-06-2023. She resigned from her position on 06-04-2024 to join in the new placement.

##### **K. Lakshmi Deepthi, Intern in Chemical Laboratory Technique:**

Deepthi completed her B.Com. (Computers) from Nagarjuna University, in 2019. On 15-11-2022, she was admitted by the Institute as Intern in Accounts cum Front Office Operations. She successfully completed her internship by 30-11-2023. After completion of her internship, she has been appointed by the Institute as Accountant, and she joined on 01-12-2023. She resigned on 30-07-2024 to join the new employment.

##### **Chiluka Madhuri, Intern in Microbiology Laboratory Technique:**

Madhuri passed B.Sc. in Zoology, Microbiology and Chemistry (ZMC) from Osmania University in 2019. She completed M.Sc. in Microbiology from Osmania University by July 2021. On 21<sup>st</sup> February 2023, she was admitted by the IHS as an Intern in Microbiology and successfully completed her internship by 29-02-2024. She has been appointed as Associate Microbiologist in Bio Lab, and joined as an employee on 05-03-2024.

### **Lavanya Boya, Intern-Microbiology Laboratory Technique:**

Lavanya passed B.Sc. in Microbiology, Chemistry and Computer Applications (MCCA) from Osmania University in 2020. She completed M.Sc. in Microbiology from Osmania University by July 2022. On 22<sup>nd</sup> February 2023, she was admitted by the IHS as an Intern in Microbiology Laboratory Technique. She successfully completed her internship by 29-02-2024.

### **Baindla Bhargavi Intern in Microbiology Laboratory Technique:**

Bhargavi passed B.Tech. in Dairy Technology from the PVNR Telangana Veterinary University in June 2019. By May 2022, she completed M. Tech. (Dairy Science) in Dairy Microbiology from Karnataka Veterinary, Animal & Fisheries Sciences University, Bidar. University by July 2022. On 27<sup>th</sup> February 2023, she was admitted by the IHS as an Intern in Microbiology Laboratory Technique. She successfully completed her internship by 29-02-2024. After completion of her internship, she has been appointed as Lead Microbiologist and joined on 01-03-2024.

### **Behara Rama Krishna, Intern Data processing & System Administration:**

Rama Krishna passed B.Sc. in Electronics from the Osmania University in July 2022. On 27<sup>th</sup> February 2023, he was admitted by the IHS as an Intern in Data Processing and System Administration. He successfully completed his internship by 29-02-2024. After completion of his internship, he has been appointed as System Administrator and joined on 01-03-2024.

### **Mamilla Sanjana, Intern in Front Office & Accounts:**

Sanjana passed B.Com. from Dr. BR Ambedkar Open University in February 2022. After graduation, she worked as a Receptionist and Billing clerk in Vijaya Diagnostics from March 2022 to Feb 2023. Previously she had worked as Customer Relationship Executive in Max Retails from 2015 to 2019 and as Customer Service Executive in Go Colors from Sep 2020 to Dec 2021. On 2<sup>nd</sup> March 2023, she was admitted by the IHS as an Intern in Front Office and Accounts. She successfully completed her internship by 15-11-2024. After Internship she has been appointed as Front office & Accounts Assistant and reported on 01-04-2024. Later she has resigned due to health problems.

### **Mahammad Mehamood Water Safety Surveyor:**

Mehamood passed B.Tech. in Electrical & Electronics Engineering (EEE) from the Jawaharlal Nehru Technological University (JNTU) in May 2016. From June 2017 to October 2018, he worked as a Process Associate for Ford Search, a subsidiary of Karvy Data Management Services. From December 2018 to June 2019, he worked as MIS Reporter of I Process in ICICI Towers. From July 2019 to January 2021, he worked as MIS Executive in Deal Money Securities. On 24<sup>th</sup> June 2023, he was admitted by the IHS as an Intern in Water Safety Survey. He successfully completed his internship by 03-07-2024. Later he was admitted as Water Safety Surveyor at IHS on 04-07-2024. He resigned on 24-11-2024 to join employment



### **Swarnanjali Sabavath, Intern in Microbiology Laboratory Technique:**

Swarnanjali passed B.Sc. in Microbiology from the Osmania University in October 2020. She completed M.Sc. in Microbiology from Osmania University in July 2022. On 7<sup>th</sup> August 2023, she was admitted by the IHS as Intern in Microbiology Laboratory Technique on 07-08-2023. She resigned from her position on 29-02-2024 to pursue higher studies.

### **E. Sravanthi, Intern-Microbiology Laboratory Technique:**

Shravanthi passed B.Sc. in Microbiology from the Osmania University in November 2020. She completed M.Sc. in Microbiology from Osmania University in 2023. On 9<sup>th</sup> October 2023, she admitted by the IHS as Intern in Microbiology Laboratory Technique. She completed her internship on 31-10-2024. After that she has been admitted Associate Microbiologist on 01-11-2024.

### **Daggumalli Suguna Mary, Intern in Microbiology Laboratory Technique:**

Suguna Mary passed B.Sc. in Microbiology from the Osmania University in October 2020. She completed M.Sc. in Microbiology from Osmania University in September 2022. In 2023, she completed a Diploma in Clinical Research Medical Writing & Clinical Data Management from Nomad Life Sciences. On 4th January 2024, she was admitted by the IHS as Intern in Microbiology Laboratory Technique on 04-01-2024/. She relieved on 01-03-2024 to pursue higher studies.

## **Apprentices:**

**All in Water Quality Investigation (WQI) i.e., Field Testing of Residual Chlorine (FTRC) and Water Sample Collection.**

### **Pechetty Nagamahesh:**

Nagamahesh passed the Secondary School Certificate examination in March 2019, and Intermediate in Science, in March 2021. On 03-11-2022, he was admitted as an apprentice in FTRC & Sample Collection. Towards end of his internship, Nagamahesh got selected by the Indian Army. He was allowed to complete his internship and was relieved on 26-10-2023. It is learnt that he joined the Army on 27-10-2023.

### **Momilla Saikumar, Apprentice, Water Quality Investigation:**

Sai Kumar passed 10<sup>th</sup> class in 2017 and Intermediate Science (MPC) in 2019. He worked from January 2021 to June 2022 in Good Health Insurance TPA. On 8-02-2023, Sai Kumar was admitted as an apprentice WQI. He successfully completed his Apprenticeship on 31-03-2024.

### **D. Dhanu Teja, Apprentice, Water Quality Investigation:**

Dhanu Teja passed Intermediate Science in June 2019. From June 2019 to 2022, he assisted in quality assurance of materials for highway construction work by Megha Engineering works. On 20-02-2023, he was admitted as an apprentice and successfully completed his Apprenticeship on 31-03-2024 .

### **Rajavarapu Hemanth Kumar, Apprentice, Water Quality Investigation**

Hemanth Kumar passed SSC in 2018 and Intermediate Science in March 2018. On 27-03-2023, he was admitted as an apprentice WQI and successfully completed his Apprenticeship on 26-03-2024.

### **Mulakala Madhusudan Rao, Apprentice-Water Quality Investigation**

Madhusudhan Rao passed SSC in 2013 and Intermediate Science in 2017. He worked as a Dispatcher of Airtel Broad Band services at Planet PCI for 2½ years. On 10-05-2023 he was admitted as an apprentice in WQI for a period of nine months. And successfully completed his Apprenticeship.

### **Chinmala Arun, Apprentice, Water Quality Investigation**

Arun passed SSC in 2019 and Intermediate Science in 2021. On 29-05-2023 he was admitted as an apprentice in WQI. After 8½- months of on-the-job training, he resigned from the apprenticeship to pursue higher studies.

### **Andekari Vijay Sai (Vijay Sai), Apprentice-Water Quality Investigation**

Vijay Sai passed SSC in 2015 and Intermediate Science in 2019. On 12-06-2023 he was admitted as an apprentice in WQI. He successfully completed an Apprenticeship.

### **Sigilipelli Prasanth, Apprentice, Water Quality Investigation**

Prasanth passed SSC in 2015 and Intermediate Science in 2017. On 12-06-2023 he was admitted as an apprentice in WQ. He successfully completed an Apprenticeship for a period of 8 months on 06-07-2024.

### **Maisain Laxmi Narsimha, Apprentice-Water Quality Investigation:**

Laxmi Narsimha passed SSC in 2017 and Intermediate in 2019. He worked as a Dispatcher of Airtel Broad Band services at Planet PCI for 2½ years. On 03-10-2023 he was admitted as an apprentice in WQI. He successfully completed an Apprenticeship for a period of Four and half months ..

### **Talari Sravan Kumar, Apprentice-Water Quality Investigation**

Sravan Kumar passed SSC in 2008 and Intermediate Science in June 2011. He graduated from Vignana degree college from 2012 to 2015 and is pursuing clearing the backlog papers. He has experience as a freelance courier and served the IHS for several months to carry samples from field posts to the laboratory. On 03-10-2023 he was admitted as an apprentice in WQI. He successfully completed an Apprenticeship for a period of four and half months on 29-04-2024.

## Annex - 4B: Outgoing Fellows, Interns and Apprentices, in 2023-24 & 2024-25 (Ytd).

**Fellow:** G. Dhana Lakshmi did MSc. (Food science and quality control). Short-term fellowship (15-31 Aug, 2024) in chemical analysis.

### Interns:

	Name	Practice & Skill	Join date	Leave date	Remarks
1	Shivala Ashok Kumar. SSC, 2011; Dip ECE, 2015.	Water Safety Survey	15-05-2023	15-05-2023	Dropped, No interest.
2	Chamakura Siva Prasanna. BSc. 2021	Chemical Lab Technique	20-05-2023	10-08-2023	Dropped out. Health issues.
3	S. Swarnanjali; MSc. (Microbiology) 2022	Micro Lab Tech.	07-08-2023	29-02-2024	Resigned, pursue exams
4	N, Sai Krishna; SSC, 2017; Inter (MLT)2020	WQI	03-06-2024	01-02-2025	Resigned, personal.
5	Mary Manush Gade, Bsc.,2017; MSc (Org Chem), 2019	Chemical Lab Technique	25-03-2024	31-08-2024	Resigned, Health issue
6	Suguna Mary D.; BSc., 2020, MSc., 2022	Chem & Micro Lab Technique	04-01-2024	01-03-2024	Resigned, personal.
7	B. Lavanya; BSc., 2020; MSc. (Microbiology), 2022	Intern Micro Lab	27-02-2023	29-02-2024	Completed

### Apprentices (Practice & Skill: Water Quality Investigation):

	Name	Join date	Leave date	Remarks
1	Mohammad Jilani. SSC, 2014; Inter Sc. 2017.	15-05-2023	16-05-2023	Dropped out. No interest.
2	Bhonagiri Mahesh. SSC,2012; Inter Sc. 2015.	16-05-2023	16-05-2023	Dropped out.
3	Budumala Narahari. SSC, 2013; Inter Sc. 2015. Exp as Sales Executive: 4Yrs.	29-05-2023	31-05-2023	Dropped out. No interest.
4	Chelimella Babu. SSC, 2016; Inter Sc. 2019.	22-06-2023	09-09-2023	Dropped out.
5	Lella Vignesh. SSC, 2017; Inter Sc 2019.	27-06-2023	04-09-2023	Dropped out.
6	Mukkat Santosh Kumar. SSC, 2016; Inter Sc, 2019.	02-01-2024	10-01-2024	Dropped out.
7	S. Prasanth, SSC, 2015; Inter 2017	02-05-2024	06-07-2024	Termination.
8	M. Laxmi Narasimha; SSC 2017 Inter 2019	03-10-2023	31-03-2024	Completed.
9.	C. Arun, SSC 2019; Inter 2021	01-08-2023	24-05-2024	Resigned, further studies.
10	Vijaya Sai, SSC 2015 Inter 2019	12-06-2023	29-04-2024	Completed
11	R. Hemanth, SSC 2018, Inter 2020	27-03-2023	31-03-2024	Completed
12	Dhanu Teja, SSC 2016, Inter2019	20-02-2023	31-03-2024	Completed
13	M. Sai Kumar, SSC 2017, Inter 2019	08-02-2023	31-03-2024	Completed
14	M. Madhusudhan Rao, SSC 2013 Inter 2015	10-05-2023	31-03-2024	Completed
15	T. Sravan Kumar, SSC 2010 Inter 2012	03-10-2023	29-04-2024	Completed
16	L. Vignesh, SSC 2017 Inter 2019	27-06-2023	27-01-2024	Dropped out, health issue

## Annex-5

### *Revenue from IHS Laboratory Services*

Year	Source of Revenue				Total
	HMWSSB	EM-ResPj	IM-ResPj	AWTAPH	
2006-07	12,80,650	2,12,521	0	20,575	15,13,746
2007-08	12,63,000	4,50,000	0	34,465	17,47,465
2008-09	11,78,680	4,12,670	0	45,913	16,37,263
2009-10	15,19,475	1,00,800	0	75,375	16,95,650
2010-11	30,57,846	2,03,500	0	96,325	33,57,671
2011-12	39,66,215	8,400	0	92,700	40,67,315
2012-13	48,32,964	0	0	89,775	49,22,739
2013-14	36,70,530	1,32,750	0	90,000	38,93,280
2014-15	52,95,762	35,040	0	1,31,450	54,62,252
2015-16	63,47,591	16,000	0	2,45,925	66,09,516
2016-17	66,07,801	2,25,368	1,59,000	3,65,265	73,57,434
2017-18	82,38,634	1,71,269	6,00,000	4,65,252	94,75,155
2018-19	88,66,030	0	10,61,000	4,16,001	103,43,031
2019-20	94,24,789	1,17,350	15,11,400	3,23,200	113,76,739
2020-21	99,05,261	1,11,209	7,56,000	2,20,060	109,92,530
2021-22	41,55,000	2,52,295	11,88,000	3,36,554	59,31,849
2022-23	8,31,000	0	18,00,000	12,32,848	38,63,848
2023-24	1,18,03,102	4,90,502	7,33,580	16,74,625	1,47,01,809

HMWSSB = Hyd Metro Water Supply & Sewerage Board - monitoring of residual chlorine in reservoirs, and slum area; ResPJ-EM = Water quality testing services for research projects in other (extramural) agencies, ResPJ-IM = Water quality testing services for research projects in IHS, Public = Over the counter, water quality testing services to general public.

## Annex-6:

## IHS Revenue Trends by sources and by activity

Year	Gross Revenue			Revenue by Type of Activity			
	Domestic	Foreign	Total	Research & Consultancy	Public Services	Academics & Training	Others
1999	₹ 20,66,525	₹ 0	₹ 20,66,525	₹ 14,40,625	₹ 42,542	₹ 6,65,900	₹ 1,41,553
2000	₹ 42,49,243	₹ 27,20,925	₹ 69,70,168	₹ 38,34,275	₹ 21,569	₹ 12,37,020	₹ 28,65,737
2001	₹ 45,60,092	₹ 56,68,363	₹ 1,02,28,455	₹ 95,27,906	₹ 36,152	₹ 5,96,257	₹ 68,140
2002	₹ 71,62,946	₹ 24,51,095	₹ 96,14,041	₹ 70,29,835	₹ 37,236	₹ 15,56,105	₹ 9,90,865
2003	₹ 67,18,690	₹ 47,84,857	₹ 1,15,03,547	₹ 93,89,693	₹ 53,384	₹ 10,43,050	₹ 2,79,991
2004	₹ 73,29,734	₹ 8,26,363	₹ 81,56,097	₹ 66,76,243	₹ 1,42,190	₹ 7,44,408	₹ 6,20,288
2005	₹ 41,80,215	₹ 4,70,160	₹ 46,50,375	₹ 38,72,674	₹ 98,175	₹ 0	₹ 6,79,526
2006	₹ 53,19,507	₹ 18,45,761	₹ 71,65,268	₹ 55,55,979	₹ 10,45,095	₹ 0	₹ 6,12,519
2007	₹ 68,98,526	₹ 14,14,996	₹ 83,13,522	₹ 70,10,918	₹ 11,64,000	₹ 0	₹ 1,38,604
2008	₹ 79,85,882	₹ 8,40,277	₹ 88,26,159	₹ 75,64,690	₹ 11,74,555	₹ 0	₹ 86,914
2009	₹ 48,08,436	₹ 0	₹ 48,08,436	₹ 26,47,624	₹ 15,15,120	₹ 1,75,000	₹ 4,70,692
2010	₹ 67,74,122	₹ 0	₹ 67,74,122	₹ 50,54,076	₹ 12,85,368	₹ 0	₹ 4,34,678
2011	₹ 46,99,440	₹ 0	₹ 46,99,440	₹ 10,30,706	₹ 29,07,903	₹ 0	₹ 7,60,831
2012	₹ 94,08,422	₹ 0	₹ 94,08,422	₹ 50,88,933	₹ 40,77,380	₹ 0	₹ 2,42,109
2013	₹ 58,09,751	₹ 0	₹ 58,09,751	₹ 0	₹ 49,22,964	₹ 0	₹ 8,86,787
2014	₹ 53,56,163	₹ 0	₹ 53,56,163	₹ 2,72,700	₹ 38,95,080	₹ 0	₹ 11,88,383
2015	₹ 69,65,291	₹ 0	₹ 69,65,291	₹ 8,53,800	₹ 54,62,252	₹ 0	₹ 6,49,239
2016	₹ 64,19,805	₹ 0	₹ 64,19,805	₹ 1,68,000	₹ 59,80,642	₹ 0	₹ 2,71,163
2017	₹ 75,90,076	₹ 0	₹ 75,90,076	₹ 4,32,859	₹ 62,15,371	₹ 1,62,000	₹ 7,79,846
2018	₹ 1,18,02,862	₹ 0	₹ 1,18,02,862	₹ 14,27,577	₹ 77,47,882	₹ 70,000	₹ 25,57,403
2019	₹ 1,33,50,640	₹ 0	₹ 1,33,50,640	₹ 31,49,653	₹ 96,79,790	₹ 10,000	₹ 5,11,197
2020	₹ 1,57,34,668	₹ 0	₹ 1,57,34,668	₹ 41,27,949	₹ 1,13,76,739	₹ 0	₹ 2,29,980
2021	₹ 1,34,89,654	₹ 0	₹ 1,34,89,654	₹ 21,20,352	₹ 1,09,92,530	₹ 0	₹ 3,76,772
2022	₹ 1,04,54,718	₹ 0	₹ 1,04,54,718	₹ 41,64,165	₹ 59,31,849	₹ 0	₹ 3,58,704
2023	₹ 96,74,398	₹ 0	₹ 96,74,398	₹ 53,48,769	₹ 38,63,845	₹ 0	₹ 4,61,784
2024	₹ 1,81,51,944	₹ 0	₹ 1,81,51,944	₹ 20,28,078	₹ 1,47,01,809	₹ 0	₹ 14,22,057

Institute's financial years are from April to March. Here each financial year is represented by the calendar year in which the financial year ends. For example, 1991 = FY 1990-91.

Figures for current financial year (2024-25) is an estimate based on year to date + anticipated receipts.

Date: 29/03/2025

Prasanta Mahapatra, Director