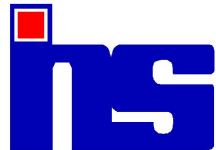


Director's Report 2015 -16

**Presented to Annual General Body Meeting
28th Dec 2016**



THE INSTITUTE OF HEALTH SYSTEMS

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The Institute of Health Systems.

Director's Report, 2015 -16

Ladies and Gentlemen,

On behalf of the faculty and staff of the Institute, I welcome you all to this twenty first annual general body meeting. During the reporting period, we focussed on strengthening of public services through water quality laboratory. The Institute's Laboratory is the primary source of revenue, in the absence of research projects. The Institute's financial position continues to be weak. We have continued with our efforts for sanction of various research and consultancy proposals. The existing staff have worked hard and persevered to keep the Institute going. I gratefully acknowledge the support given by members of the Board, the Executive Council, and the General Body in sustenance of the Institute. I would like to use this opportunity to specially acknowledge the guidance of the IHS Chairman, Dr. G.N.Rao and continued contribution of Dr.Prasanta Mahapatra, President & Dean of the Institute as a supporter and mentor in all aspects. I first present about the Institute's faculty and human resources.

Institute's Faculty and Human Resources:

We are functioning with a small team mostly of water quality testing & laboratory staff (Table-1). As there are no research projects on hand, we could not recruit faculty and research personnel.

Table-1: IHS Faculty and Human Resources Position, 2016

Category of Personnel	As on 31/3/16					As on 01/12/16				
	Emp	Stipnd	Fee	Vol.	Tot	Emp	Stipnd	Fee	Vol.	Tot
Faculty & Coordinators										
Full Time Faculty	2	0	0	0	2	2	0	0	0	2
Consultants	0	0	0	0	0	0	0	0	0	0
Voluntary / Visiting Fac.	0	0	0	1	1	0	0	0	1	1
Research & Lab Personnel										
Res. Associates	0	0	0	0	0	0	0	0	0	0
Res. Assistants	0	0	0	0	0	0	0	0	0	0
Microbiologists	0	1	0	0	1	0	1	0	0	1
Res/Field. Investigators	0	0	0	0	0	0	0	0	0	0
Asst. Chemist	0	0	0	0	0	0	0	0	0	0
Lab Technicians	2	1	0	0	3	2	2	0	0	4
WQTL Investigators	4	4	0	0	8	4	3	0	0	7
Fellows, Interns & Appr.										
Research Fellows	0	0	0	0	0	0	0	1	0	1
Interns	0	0	0	0	0	0	0	0	0	0
General Sup. Personnel										
Program Officer	1	0	0	0	1	1	0	0	0	1
Accountant	0	0	0	0	0	0	0	0	0	0
Systems Admin	0	0	1	0	1	0	0	1	0	1
Front Office Staff	1	0	0	0	1	1	1	0	0	2
Ser. Providers' Personnel										
Security	0	0	2	0	2	0	0	2	0	2
Sanitation	0	0	2	0	2	0	0	2	0	2
All	10	6	5	1	22	10	7	6	1	24

¹ The number of service provider personnel may vary as their deployment changes according to the quantity and quality of service commitments to the Institute. The figures indicated here are based on the personnel on most days.

² Emp=Employee, i.e. Salaried; Stipnd=Stipendiary; Vol=Voluntary; Tot=total,

Annexure-1 provides more details about the current faculty and personnel profile of the Institute. Our faculty and staff participated in a few workshops, seminars and conferences, details of which are provided in Annexure-2. A list of outgoing faculty and personnel is given in Annexure-3.

Now, I will give an overview of activities during the reporting period and also briefly touch upon recent developments during the current year. 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 (2015-16) Events and Activities:

As you all are aware, the Institute pursues five broad type of activities towards improvement of public health. These are;

- Research and Consultancy
- Academic Programmes
- Training Services
- Public Services, and
- Publications

A. Research and Consultancy:

In spite of our best efforts in the reporting period, we could not clinch any new project. The long pending proposal on "Effect of Atmospheric Pollution on Respiratory Morbidity of School Children in Hyderabad" which was recommended by the Project Review Committee of ICMR has not been materialised as ICMR intimated that, they are unable to fund the project.

We continue to pursue the long term project "Independent Evaluation Unit (IEU) for Health Systems" which we submitted to the Planning Dept. Of Telangana State Govt. We also designed a training program for Lay Secretaries of Health Department on their request which helps develop management expertise, improve program implementation and better medical and health care services to the public. We submitted full-fledged proposal to the health department for the above training program and awaiting response from them. During the current year, on the request of the Planning Department of GoAP, we submitted a proposal on "Estimation of Health Adjusted Life Expectancy (HALE) for Andhra Pradesh", but so far no intimation is received. In public services, we did an intramural project to HMWS&SB on "Survey and Analysis of consumer complaints" on their request. Subsequently, we furnished two proposals (1) Intensive Surveillance of Drinking Water Quality in Bholakpur Area, Hyderabad, (2) Metro Water Board Consumer Complaints Surveillance For Water Safety. It is understood that, the MWB is floating tender on the 2nd proposal.

The list of proposals made in the reporting period and current year with status is given in the Table-2 for information, further discussion and guidance.

Sl	Sponsor	Project	Status
Proposal Made and Projects taken up prior to 2015-16			
1	ICMR	Effect of Atmospheric Pollution on Respiratory Morbidity of School Children in Hyderabad	Recommended by Project Review Committee. In view of limited funds, ICMR intimated on 11/04/2016 that, they are unable to fund the project.
2	Unicef	Policy Briefs on Public Health Care System	Three topics are covered under Policy Briefs (PBs) to be delivered by the end of June 15. All the three PBs completed. Dissemination workshop was conducted on Caesarian Section at CESS on April 12-13, 2016.

Sl	Sponsor	Project	Status
3	Planning Dept., Govt. of Telangana State	Independent Evaluation Unit for Health Systems (IEU@IHS)	Periodical evaluation of (a) primary health care programs, focusing on reproductive & child health services, (b) First referral hospital perf. Analysis, and (c) patient satisfaction surveys in first referral & tertiary hospitals. Still pending with the Planning Dept.
4	Planning Dept., Govt. of Telangana State	A Study of Hygiene and Cleanliness of First referral Hospitals in Teleangana State	The topic was proposed by the PrI Secretary Planning and proposal was submitted. They asked to reduce the project cost. Revised sample size and reduced project cost, but no response, so far.

Proposals Made & Projects taken up in the year 2015-16

1	Health, Medical and Family Welfare Dept, Govt of Telangana State	Training Program for Lay Secretaries in Health Department.	Adequate professional training of Lay Secretaries will help develop management expertise and interdisciplinary team work within the Health Department. This in turn will help improve program implementation and better medical and healthcare services to the public. Hence, Governments plan for well designed professional training of Lay Secretaries is important step for health system development in the state. PrI Sec Health requested IHS to design such training course and give proposal. The proposal was submitted on 6th July 2015. Response is awaited.
2	Society for Elimination of Rural Poverty (SERP), Telangana State	Building Capacity of Spear Head Teams for Supporting Health and Nutrition Interventions under Telangana Rural Inclusive Growth Project (TRIGP)	IHS has submitted Expression of Interest for the assignment along with John Snow India Private Limited (JSIPL) as a sub-consultant on 26/09/2015. Response is awaited.
3	Health, Medical and Family Welfare Dept, Govt of Telangana State	An Evaluation Study on Availability of Doctors in Primary Health Centers of Telangana State, India.	Earlier, IHS conducted two studies (i) Assessment of critical gaps in Rural Health care system (2007) and (ii) Availability of Doctor in PHCs (2010). The database from these studies is available with the IHS. This database can be reanalysed to generate estimates separately for the Telangana State. Thus a benchmark on doctor availability in PHCs, in the district now constituting the Telangana State is available. Repeating a similar study in TS will help monitor the impact of health system strengthening interventions by the newly formed state. Hence a proposal was submitted to the Dept of HMFWS, TS. But the proposal has not been included in the approved PIP of NHM. We are following up with the HM&FW Department.

Projects taken up in the current year 2016 -17

1	HMWS&SB	Water Quality Monitoring in Service reservoirs and urban Slums in Hyderabad City.	The agreement with MWB was expired by the end of June s2016. Renewal proposal was sent to MWB requesting 20% enhancement to meet the price escalation and short adjustments for the previous years. An appraisal meeting was also held with MD, MWB on 22nd April 2016. Renewal agreed for one more year form 1st July 16 to 30th June 2017 with 20% enhancement.
2	HMWS&SB	Intensive Surveillance of Drinking Water Quality in Bholakpur Area, Hyderabad	During the appraisal meeting MD has requested to survey and analyses the consumer complaints who complained more than 10 times and it was completed and gave the report. Subsequently Managing Director

Sl	Sponsor	Project	Status
3		Metro Water Board Consumer Complaints Surveillance For Water Safety	Surveillance of Drinking Water Quality in Bholakpur Area, Hyderabad, (2) Metro Water Board Consumer Complaints Surveillance For Water Safety and (3) Monitoring of Chlorination in Service Reservoirs which helps them to further improve monitoring of water quality in Metro area. IHS submitted first two proposals and awaiting for response. It is understood that, the MWB is going to publish a tender for 2nd proposal i.e Metro Water Board Consumer Complaints Surveillance For Water Safety.
4	Planning Dept, Govt of Andhra Pradesh	Estimation of Health Adjusted Life Expectancy (HALE)	The Chief Secretary to Government (Plg.) & Member Secretary APSDPS, Planning Department, has requested IHS to give proposals for estimation of Health adjusted Life Expectancy (HALE) for Govt of Andhra Pradesh. The proposal was submitted on 25-04-2016 and response is awaited.

B. Academic Programs:

1. Masters in Public Health (MPH): There is no much development since last general body meeting, However to recapitulate, it is informed that, Govt. reconfirmed the permission granted to IHS for starting MPH course vide GOMs77¹. Although the seat matrix and fee structure were approved by their Executive Council, vide their resolutions dated 29/02/2012 and 23/11/2012, the NTR UHS has requested Govt. to include the fee structure and seat matrix approvals in Govt. Order77. On this, Govt. Of Telangana asked the NTRUHS to furnish the details of course status, admission policy, intake capacity, fee structure and seat matrix. NTRUHS in their letter No. 5229/A6/MPH/02 (Vol-II) dt: 24/10/2014 has forwarded the details sent by IHS to Govt. While we are expecting approval from Govt, we received a letter from NTR UHS informing that, govt has issued GO58² approving the admission procedure, Rule of reservation, seat matrix and fee structure in the state of Telangana (GO issued based on proposal from IIPH). These rules were examined by IHS with reference to the MPH Statute which has got assent of the Governor on 7th March 2008 and observed that there is statutory anomaly as the proposal of IIPH was not scrutinised in accordance with the Statute. Hence, IHS, vide letter dated 16-12-2015, has requested the Principal Secretary Health to review the rules communicated in the above GOMs58. So, far no communication is received.
2. Fellowship: The Institute has accepted a Fullbright-Nehru Scholar, namely, Ms Vishnupriya Kareddy from University of Maryland, USA. She is working on "Local Democratic Governance under India's National Rural Health Mission". Dr. Prasanta Mahapatra, Dean is the academic supervisor.
3. IHS Land-High Court case: The members are aware that there is Public Interest Litigation (PIL) case before the Hon'ble High Court of AP. During the reporting period, the case was listed on several dates in short gaps like on 22/04/2015, 1/06/2015, 22/06/2015 and 06/07/2015. On 1/06/2015, the Court has asked the Government Pleader (GP) to inform the view of the new govt of Telangana on the land allotment to IHS whether retaining with IHS or not in the next hearing date i.e on 22/06/2015. In the meanwhile, IHS has filed the counter affidavit on 19/06/2015. The court met on 22/06/2015 and adjourned to 20/07/2015 for the Govt view. In the meanwhile, Govt has

¹ GO MS No.77, HM&FW(K1) Deptt., 08/05/2014

² GO Ms No.58, HM&FW (C1) Deptt., 10/07/2015

filed the counter justifying the allotment of land in favour of IHS. The case was listed on 24/8/2012 and last on 31/8/2015. No arguments took place on 31/8/2015 and thereafter the case has not been listed. We are pursuing the case through the advocate.

C. Training Services:

While training services continue to be a core area of activity of the Institute's long term plans, we have deferred taking up training programmes for the time being. Training services require additional faculty, finances and space. We designed training a program for the Lay Secretaries of the Health Department and submitted the proposal keeping in mind the facilities available at other health/HRD institutes.

D. Public Services:

1. **Public Health Laboratory: Drinking Water Quality Testing Services:** Since last three years, the laboratory has significantly increased its output and has also been the primary source of revenue. An overview of revenue from IHS laboratory services is in Annexure-4. Independent monitoring of water quality in the Metro Water Board (HMWSSB) service reservoirs and residential service areas (identified slum area) is a major activity. We are making efforts to increase revenue from general clients which is an indicator of popular engagement and trust with the water quality lab. To improve the laboratory's visibility and client base, we registered with Just Dial Limited and Sulekha to improve the client base. We have focussed on improving the IHS Laboratory facilities and streamlining the procedures and practices. We are giving interpretations and recommendations in the test reports which most of the clients are appreciating. We are in the process of applying for NABL accreditation.
2. **Library:** The library is constrained by lack of space and funds. We are streamlining the library holdings, by (a) digitisation of acquisitions, and (b) discarding and destruction of obsolete material.
2. **Model PHC (Primary Health Care) System Management:** As reported earlier, IHS has filed application with the District Collector, Mahabubnagar for management of health care institutions in two clusters (i) Achampet and (ii) Kodangal. District Collector has recommended IHS proposal to Commissioner of Family Welfare (CFW) in Dec 2011. After much correspondence and discussions, CFW has asked IHS to submit revised proposal only for Kodangal cluster and it was submitted in Jan 2014. The proposal was recommended to Govt. After discussions with the Prl Secretary, health and on their request, IHS has furnished additional information. Again on 7-5-2015 the HM&FW dept³, requested IHS to furnish again the detailed proposal for two clusters i.e (i) Achampet and (ii) Kodangal covering all the components. The revised proposal for the two clusters was submitted on 3rd Sept 2015. Further communication is awaited from the HM&FW dept.

E. Publications:

List of IHS publications in the reporting year are given in Annexure-5. List of publications arising out of work at IHS or IHS personnel are in Annexure-6.

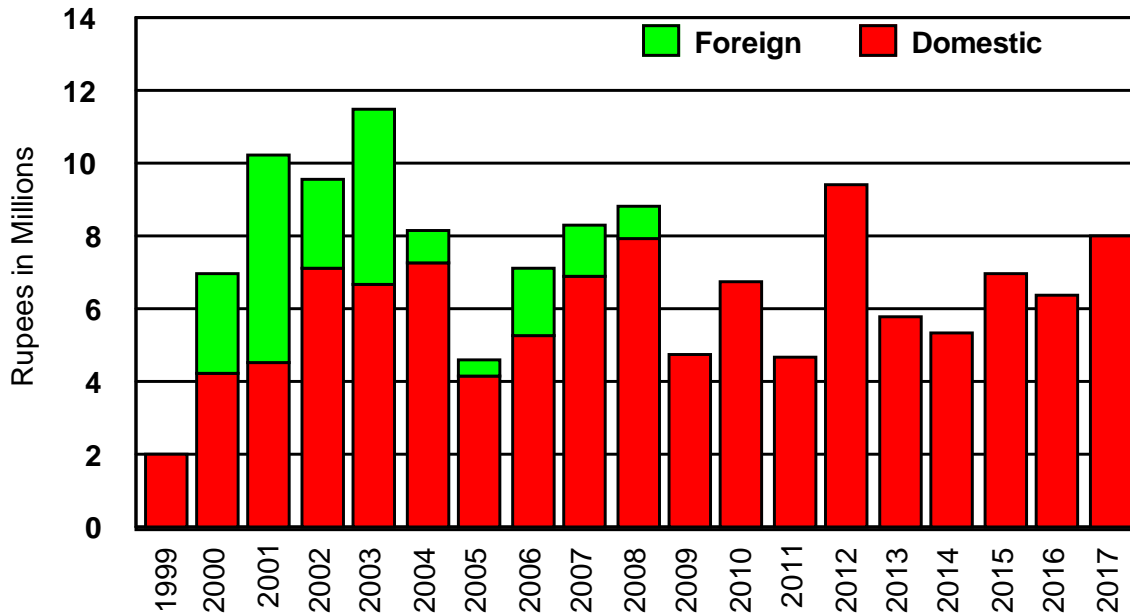
Taking Stock of the Institute's Financial Position:

Classification of the Institute's revenue from domestic and foreign sources as well as by activity is given in Annex-7. In Figure-1 the gross revenue generated by the Institute from the financial year ending in March 1999 has been summarized. The average revenue of the IHS has been around Rs 60 lakhs per annum. During the current year, we are expecting to increase the revenue to around 80 lakhs. The Institute needs to substantially upscale its activities and

³ HMFWD Lr.No.236/D1/2015 dated: 07/05/2015

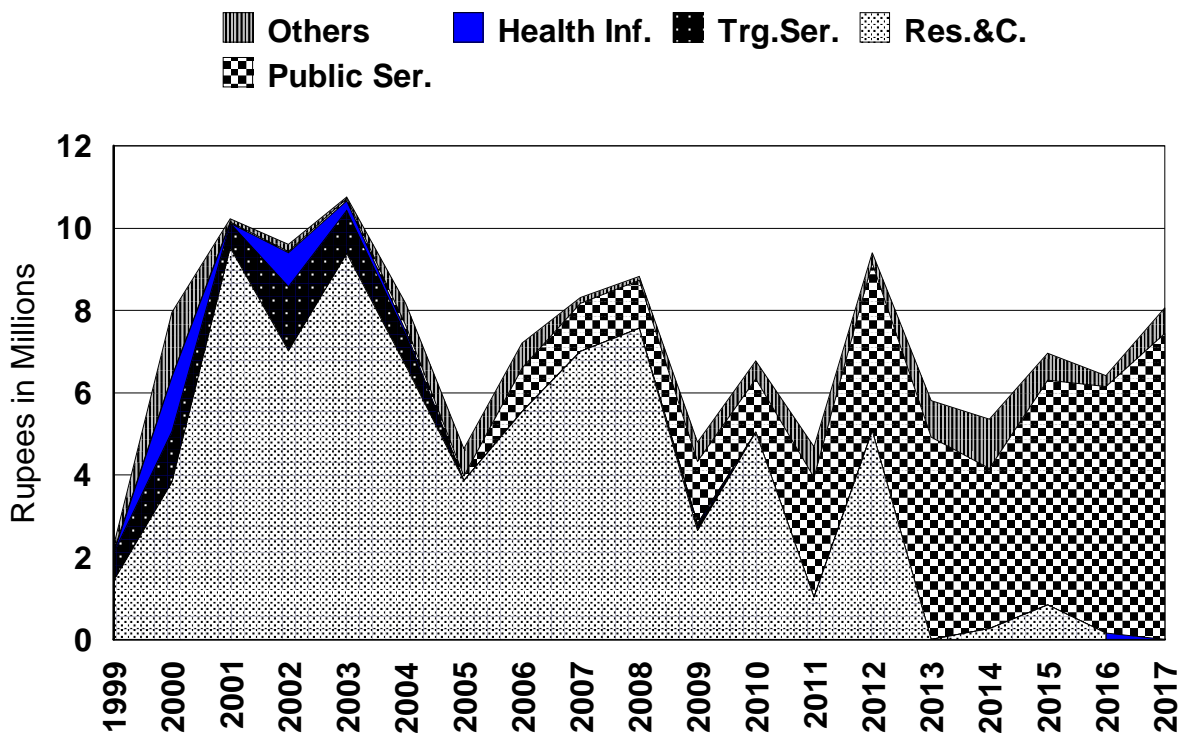
improve its finances for effective realization of its goals. As is evident from Figure-2, most of our revenue has been contributed by Research and Consultancy till 2012. In recent years, receipts from public services has been increasing mainly on account of laboratory services for water quality testing.

Figure-1: IHS Gross Revenue Trend Since 1999



Estimate for 2017 is based on year to date and anticipated receipts.

Figure-2: The IHS receipts by broad area of activities



Estimate for 2017 is based on year to date and anticipated receipts.

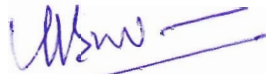
Accounts and Audit Report:

The audited accounts of the Institute for the year 2015 -16 have been 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 advise 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.

Date: 28/12/2016


G. Surendra, Director

Annex - 1

Faculty and Personnel Profile

Full Time Faculty

G Surendra, Director

Sri G. Surendra has rich experience in various areas of public administration, including; (a) Planning & Statistics, (b) Rural Development, (c) Information Technology, and (d) Hospital Management. Prior to IHS, he served as Associate Director & Chief Technology Officer of the LV Prasad Eye Institute, and before that he worked with Planning Department of the Government of AP in various capacities. He is a Certified Information Systems Auditor. He was involved in various health related activities such as Health Financing, Health accounts and Various Health related studies. He presented a Poster on Andhra Pradesh Civil Registration System at First Global Symposium on Health Systems Research at Montrux, Switzerland. Some other publications to his credits are: Gap Analysis in Rural Health care Facilities in Mahabubnagar District, Drinking Water Quality Monitoring in Service Reservoirs and Urban Slums of Hyderabad City, A Study of Emergency Response Services in three districts of Andhra Pradesh, Andhra Pradesh Civil Registration System Study, Assessment of Doctor Availability in Primary Health centers and provide inputs for Human Resource Planning for Health, Medium Term Expenditure Framework for the years 2008-09 to 2012-13 for the Department of Health Medical & Family Welfare, Govt of Andhra Pradesh, Health Budget & Expenditure Tracking for the department of Health, Medical & Family welfare, for the Govt of Andhra Pradesh, Madhya Pradesh and Kerala..

Dr.Prasanta Mahapatra, Dean.

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 sometime 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. Dr. Mahapatra 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 include, Registrar of the NTR University of Health Sciences, Director Medical Education, Commissioner Medical Services, a 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 to 2015. Dr. Mahapatra has contributed to the Global Burden of Disease estimates published in the World Bank's World Development Report, 1993. He has published articles and books in the fields of general administration, rural development, and public health.

Consultants: Voluntary & Visiting Faculty:

Prof Dayakar thota

Dr Dayakar Thota is an Ex-Armed Forces Medical officer and also holds his PG in Hospital Administration from University of Pune. He served the Indian Army from 1971 to 1994 and took part in 1971 Indo-pak war as well as IPKF operations in Srilanka. He also possesses M.Sc (Defense Sciences) from Madras University. Dr Thota is a qualified Lead Quality Assessor and trained NABH assessor and also a Certified Six Sigma Black Belt.

Currently Prof (Lt. Col) DayakarThota is the Medical Director for Ramdevrao Hospital, a charitable hospital located in Kukutpalli, Hyderabad. Dr Thota has versatile experience as he has worked as (a) Professor & Head of Department of Hospital Administration at Kamineni Institute of Medical Sciences, (b) Chief Learning Officer, Health Management & Research Institute, Hyderabad (104), (c) Director, Institute of Health Systems, Hyderabad, (d) Medical Director, Emergency Management & Research Institute (108), Hyderabad, (e) Management Consultant & Additional Director (Hospital Services), MGM Medical college Hospital, Aurangabad, (f) Medical Superintendent and Professor, Dept. of Hospital Administration, Nizam's Institute of Medical Sciences (NIMS), Hyderabad, (g) Additional Director, Dhirubhai Ambani Hospital, Lodhivali, Maharashtra, (h) CEO , Lokmanya Hospital, Chinchwad, Pune, (i) Professor of Hospital Administration & Deputy Medical Superintendent, Kasturba Hospital (MAHE), Manipal, (j) Conducted audit of a number of HCEs for ISO certification. Dr Thota is a life member of professional bodies such as AHA, AHHA, AGE, ISHA, IAMI and IHS.

Research and Lab Personnel

Srinivas V, Program Officer:

Mr. V.Srinivas holds a Master Degree in Economics from the Osmania University, Hyderabad. He has done Bachelor of Education from Annamalai University, Chennai. Before joining IHS he worked at CRIDA, ICAR (Central Research Institute of Dry land Agriculture), at Hyderabad, for the Period from January 2000 to July 2014 in different positions like as Project Officer, Research Associate, Senior Research Fellow. He has worked as a Senior Research Fellow in Directorate of Rice Research, Rajendranagar, Hyderabad, for the period from 1995 to 2000. He has also worked in Centre for Economic and Social Sciences (CESS), as a Data Collection Executive. He has got experience of research field work, data collection in all the states in India. He has knowledge in Computerization and Analysis, He conducted the training programmes for women farmers and farmers mobilization, did soil sampling for chemical analysis, He did the Socio-Economic Evaluation of Rain fed Technologies in various areas and Projects in CRIDA, Hyderabad. He is working in IHS since June 2014 .

D Krishna Veni, Lab Registrar Cum Front Office Executive:

Ms.Krishna Veni has a degree in Bachelor of Science From Osmania University. At the Institute, she serves as Personal Assistant to the Director and is also responsible for Front Office Management including management of library services. Presently she is functioning as Lab Registrar cum Front Office Executive.

N. Anusha, Microbiologist:

Ms. Anusha did post graduation in Microbiology. After completion of post graduation, she took up teaching for short period and then joined as Microbiologist in CARE Labs in Jan 2013

and continued upto Aug 2014. Presently she is working in IHS as Microbiologist since Jan 2016.

J. Lakshmi, Laboratory Technician:

B. Pharmacy from Maheshwara College of Pharmacy at patancheru. Her project was on diuretics like hydrochlorothiazide for treatment hypertension.

M. Lavanya, Laboratory Technician:

She is graduated with Microbiology, Genetics and Chemistry from Osmania University. After completion of her graduation, she joined in IHS as Laboratory Intern since Nov 2014.

P. Sekhar Laboratory Technician:

Mr. Sekhar did his graduation in chemistry. He got laboratory experience of Lab in Natural Resource Development Coop Society (NRDCS) for a period of about 2 years. He joined as Laboratory Technician in IHS chemical Lab in Feb 2016.

P. Sai Keerthi, Laboratory Technician:

Ms Sai keerthi did graduation in Bio Technology. She did a project on “ Characteristics of probiotics in Camel milk”. She joined as Lab Technician in IHS Biological Lab since July 2016.

G. Jaya Krishna, Water Quality Investigator: Intermediate.

K.Prabhakar, Water Quality Investigator: Intermediate

D.Suresh Kumar, Water Quality Investigator: Intermediate

Mahesh Kumar, Water Quality Investigator: B.Sc(MLT)

Fellows & Interns:

Vishnupriya Kareddy:

Ms. Vishnupriya Kareddy is a final year undergraduate student at the University of Maryland, College Park in the United States. She planned to pursue M.D / Ph.D (dual medical degree and doctorate) in the future, before that, she wants to spend one or two years doing research before applying for M.D / Ph.D. Accordingly she applied and got Fullbright scholarship to study in India on the topic “ Local Democratic Governance under India’s National Rural Health Mission” for a period of 9 months. She requested Dr. Prsanta Mahaptra to be an academic supervisor by affiliating with the Institute of Health System. The United States - India Educational Foundation has requested IHS which was agreed for affiliation and Dr. Prasanta Mahaptra to be the academic supervisor.

Water Quality Investigation Interns:

Name	Qualifications	Project / Learning Area
Md.F. Anwar	Intermediate	Water Quality Investigation
Md. Hakeem	Intermediate	Water Quality Investigation
Abdul Rub	Intermediate	Water Quality Investigation

General Support Personnel:

Khaled Bin Seleem:

He did his graduation in computers. Presently he is functioning as Front office Asst Intern.

Service Provider Personnel:

Provider	Service
Venezula Security Services:	Security, House Keeping and Sanitary Services

Annexure-2

IHS Participation in Training Programs, Workshops, Seminars and Conferences in the year 2015 -16 & 2016 -17 (Ytd)

Dr. Prasanta Mahapatra, President & Dean:

Course/Workshop Title	Institution	Dates
Water and Sustainable Growth	South Asia Consortium for Interdisciplinary Water Resources Studies, SCB.	2016 Mar 22
Scientific and Technical Advisory Meeting, AHPSR, WHO Hqrs. Geneva.	WHO - Alliance for Health Policy and Systems Research	2015 Apr 27-28

G Surendra, Director:

Course/Workshop Title	Institution	Dates
Technical seminar on new generation smart water analyser [Prove 100,300,600 (Visible&UV)]	Merck Life Sciences Pvt Ltd	2016 Feb 24
Training on Laboratory Quality Management System and Internal Audit as per ISO/IEC 17025:2005	Center for Electronics Test and Engineering (CETE), Hyderabad	2016 Mar 15-18

E. Manikanta Reddy, Research Fellow:

Course/Workshop Title	Institution	Dates
Understanding the magnitude of the tanker based economy and its implications on water resources: A study of water tanker market in peri-urban Hyderabad	South Asia Consortium for Interdisciplinary Water Resources Studies, Secunderabad	2015, Jun 26.
Implementation of Swachh Bharat Mission in Andhra Pradesh, Regional Workshop on GOs-NGOs Partnership at Vijayawada.	Panchayat Raj & Rural Development Department	2015 Apr 23

N. Anusha, Microbiologist:

Course/Workshop Title	Institution	Dates
Brain storming on Harnessing stakeholder engagement in improving monitoring and surveillance of drinking water quality in rural Telangana	Saci Waters, Secunderabad	2016 Sep 29

M. Lavanya:

Course/Workshop Title	Institution	Dates
Technical seminar on new generation smart water analyser [Prove 100,300,600 (Visible&UV)]	Merck Life Sciences Pvt Ltd	2016 Feb 24

P. Sekhar:

Course/Workshop Title	Institution	Dates
Technical seminar on new generation smart water analyser [Prove 100,300,600 (Visible&UV)]	Merck Life Sciences Pvt Ltd	2016 Feb 24

Annex - 3**Outgoing Faculty & Personnel in 2015 -16 & 2016 -17 (Ytd)
Faculties, Fellows & Associates:**

Name	Designation	Join date	Leave date	Remarks
2015-16				
E. Manikanta Reddy	Research Fellow	01/10/2014	10/10/2015	Term Completion

Research Assistants & Investigators:

Name	Designation	Join date	Leave date	Remarks
2015-16				
NII				

Water Quality Lab Personnel:

Name	Designation /project	Join date	Leave date	Remarks
2015-16				
Martin Anthony	Chemist	09/06/2014	30/04/2015	Resignation
S. Gopal	Lab Technician		31/12/2015	Term Completion
Salma Shaik	Microbiologist	11/07/2014	31/07/2015	Term Completion
B.L.Durga Rao	Asst.Chemist	02/08/2015	31/12/2015	Resignation
K. Vijaya Kumari	Lab Technician	15/12/2013	31/07/2015	Resignation for marriage.
N. Praveen Kumar	Lab Technician	23/06/2014	24/08/2015	Resignation for career improvement.
Abdul Rahman	Water Quality Investigator	23/04/2013	25/04/2015	Resigned for overseas employment
Md. Omer Farooq	Water Quality Investigator	23/05/2015	09/06/2015	Discontinued.
Shaik Shadab Mohd	Water Quality Investigator	12/06/2015	08/10/2015	No Show
2016-17				
Abdul Aslam	Water Quality Investigator	22/05/2013	30/04/2016	Resigned for overseas employment.
Abdul Moize	Water Quality Investigator	18/10/2015	23/07/2016	Resignation
Syed Samee	Water Quality Investigator	08/08/2016	30/10/2016	Discontinued
SMohd.Azaruddin	Water Quality Investigator	24/05/2016	07/11/2016	Resignation
Abdul Wasay	Water Quality Investigator	21/04/2015	08/11/2016	Resignation

General Support

Name	Designation/Project	Join date	Leave date	Remarks
2015-16				
J. Satyanarayana	Accounting Intern	03/07/2013	31/08/2015	Resignation
D. Vidisha	Front Office Intern	25/05/2012	31/10/2015	Term Completion
K. Vandana Reddy	Accounting Intern	14/09/2015	20/02/2016	Resignation for marriage

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.

Annexure-4

Year	Revenue from IHS Laboratory Services				Total
	HMWSSB	EM-ResPj	IM-ResPj	Public	
2006-07	1,280,650	212,521	0	20,575	1,513,746
2007-08	1,263,000	450,000	0	34,465	1,747,465
2008-09	1,178,680	412,670	0	45,913	1,637,263
2009-10	1,519,475	100,800	0	75,375	1,695,650
2010-11	3,057,846	203,500	0	96,325	3,357,671
2011-12	3,966,215	8,400	0	92,700	4,067,315
2012-13	4,832,964	0	0	89,775	4,922,739
2013-14	3,670,530	132,750	0	90,000	3,893,280
2014-15	5,295,762	35,040	0	131,450	5,462,252
2015-16	6,347,591	16,000	0	245,925	6,609,516
2016-17 YTD 30/11/16	4,724,008	34,194	159,500	240,275	5,157,977

¹ 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.

Annexure-5

IHS Publications in 2015-16 & 2016 -17 (Ytd)

Reports:

RP 62/2015 Gap Analysis in Rural Health care Facilities in Mahabubnagar District.

RP 61/2015 Drinking Water Quality Monitoring in Service Reservoirs and Urban Slums of Hyderabad City; A Report for 2013-14.

Policy Briefs:

PB01 Primary vs Specialist Medical Care: Which is More Equitable?

PB02 Mere Institutional Delivery is Not Enough: Quality Obstetric Care is Important for Further Reductions in Maternal Mortality.

PB03 Rising Cesarean Sections: Causes & Concerns. Towards a Public Health Agenda for Quality & Safety of Maternity Services.

Articles:

Nil

Working Papers:

WP68/2015 Rising Cesarean Sections: Causes & Concerns. Towards a Public Health Agenda for Quality & Safety of Maternity Services. A White Paper.

Books:

NIL

Annexure-6

Publications Arising from Work Of People at IHS in 2015-16 & 2016 -17 (Ytd)

A. Publications:

Journal	Title
The Hindu. Hyderabad; 2016 Feb 28; Budget 2016 and Health: 12 (1-2).	For a quantum leap to deliver primary care. Au: Meenakshi Datta Ghosh and Prasanta Mahapatra
The Hindu. Hyderabad; 2016 May 17; Opinion Open Page: 16 (3-8).	Bring the missing midwives back. The development of professional midwifery is key to ensuring better quality maternity care; Au: Prasanta Mahapatra
National Medical Journal of India (NMJI). 2016; Forthcoming.	Mahapatra Prasanta; Upadhyaya Sanjeev, and Surendra G. Primary vs Specialist Medical Care: Which is more Equitable? A policy Brief.

Annex-7

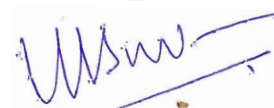
IHS Revenue Trends by sources and by activity

Fin. Yr. ¹	Gross revenue by sources			Gross revenue by activity				
	Domestic	Foreign	Total	Res. & C.	Trg. Ser.	Health Inf.	Public Ser.	Others
1991	0	0	43,905					
1992	0	424,088	424,088					
1993	50,000	380,000	430,000					
1994	275,042	774,568	1,049,610					
1995	445,517	403,604	849,121					
1996	160,186	768,447	928,633					
1997	835,250	103,612	938,862					
1998	305,100	599,266	904,366					
1999	2,066,525	0	2,066,525	1,440,625	665,900	7,500	42,542	134,053
2000	4,249,243	2,720,925	6,970,168	3,834,275	1,237,020	1,318,650	21,569	1,547,087
2001	4,560,092	5,668,363	10,228,455	9,527,906	596,257	0	36,152	68,140
2002	7,162,946	2,451,095	9,614,041	7,029,835	1,556,105	822,950	37,236	167,915
2003	6,718,690	4,784,857	11,503,547	9,389,693	1,043,050	240,000	53,384	39,991
2004	7,329,734	826,363	8,156,097	6,676,243	744,408	90,750	142,190	529,538
2005	4,180,215	470,160	4,650,375	3,872,674	0	0	98,175	679,526
2006	5,319,507	1,845,761	7,165,268	5,555,979	0	0	1,045,095	612,519
2007	6,898,526	1,414,996	8,313,522	7,010,918	0	0	1,164,000	138,604
2008	7,985,882	840,277	8,826,159	7,564,690	0	0	1,174,555	86,914
2009	4,808,436	0	4,808,436	2,647,624	175,000	0	1,515,120	470,692
2010	6,774,122	0	6,774,122	5,054,076	0	0	1,285,368	434,678
2011	4,699,440	0	4,699,440	1,030,706	0	0	2,907,903	760,831
2012	9,408,422	0	9,408,422	5,088,933	0	0	4,077,380	242,109
2013	5,809,751	0	5,809,751	0	0	0	4,922,964	886,787
2014	5,356,163	0	5,356,163	272,700	0	0	3,895,080	1,188,373
2015	6,965,291	0	6,965,291	853,800	0	0	5,462,252	649,239
2016	6,419,805	0	6,419,805	168,000	0	0	5,980,642	271,163
2017 ²	8,073,242	0	8,073,242	0	0	0	7,451,112	622,130

¹ 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.

² Figures for current financial year (2015-16) is an estimate based on year to date + anticipated receipts.

³ Res.&C=Research & Consultancy, Trg. Ser.=Training Services, Health Inf.=Health Informatics, Ser.=Services



Date: 28/12/2016

G Surendra, Director