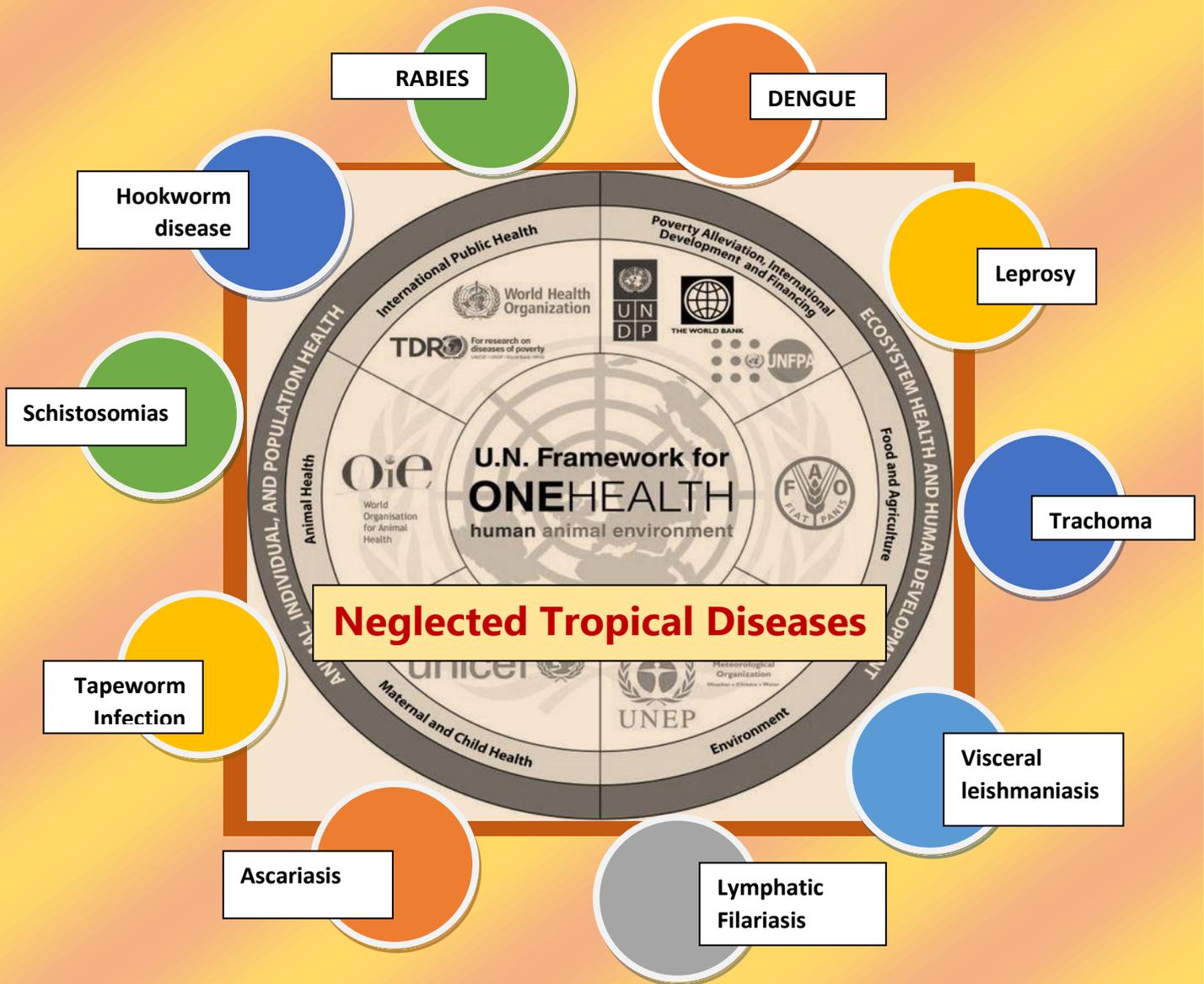




ANNUAL REPORT 2022



ALL INDIA INSTITUTE OF HYGIENE & PUBLIC HEALTH, KOLKATA

MINISTRY OF HEALTH AND FAMILY WELFARE

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डॉ. मनसुख मांडविया
DR. MANSUKH MANDAVIYA



सत्यमेव जयते



आज़ादी का
अमृत महोत्सव

मंत्री
स्वास्थ्य एवं परिवार कल्याण
व रसायन एवं उर्वरक
भारत सरकार
Minister
Health & Family Welfare
and Chemicals & Fertilizers
Government of India

MESSAGE

My heartiest congratulations to the All-India Institute of Hygiene and Public Health (AIIHPH) on its 91st Foundation Day. On this august occasion, I extend warm greetings to all faculties, students, alumni and stakeholders of the Institute. It's indeed a remarkable feat, 91 years of glorious journey of serving the nation and contributing to protecting public health.

As we begin the new year, this will also be a moment for the AIIHPH to reflect back on your work as an institution and renew its commitment to a future action for a more healthy, prosperous and stronger India. We must lay the groundwork for new resolutions and move forward with new resolutions. Since the AIIHPH has a historical legacy so it has a greater responsibility to match with the pace of changing times and aspirations of New India. The renewed focus on carrying out new research and innovation must be the way forward and mantra of the institute in the new year.

Healthcare is one of the most important pillars of nation-building. Today, India is transforming itself at a fast pace. Our people are yearning for a better, healthy and quality life. Our approach to fulfilling their dreams has been to make quality healthcare more affordable and accessible to them. Healthcare greatly impacts not just the economy but also contributes immensely to the productivity, well-being and happiness of citizens. It is rightly said, "पहला सुख निरोगी काया, दूजा सुख घर में हो माया" Let us all work towards strengthening India's health and well-being.

I wish you the very best in your endeavours ahead. And I wish the All India Institute of Hygiene and Public Health years of achievement and success.

(Dr. Mansukh Mandaviya)

27 December, 2022



प्रो.(डॉ.) अतुल गोयल

Prof. (Dr.) ATUL GOEL
MD (Med.)

स्वास्थ्य सेवा महानिदेशक

DIRECTOR GENERAL OF HEALTH SERVICES



भारत सरकार
स्वास्थ्य एवं परिवार कल्याण मंत्रालय
स्वास्थ्य सेवा महानिदेशालय
Government of India
Ministry of Health & Family Welfare
Directorate General of Health Services



Message

I am happy to note that All India Institute of Hygiene and Public Health, Kolkata is observing its 91st Foundation Day on 30th December 2022 with a theme “**Let’s join hands to beat the Neglected Tropical Diseases**”.

Tropical diseases are a serious public health concern affecting the poor and marginalized communities of the societies of underdeveloped country causing immense human suffering in these areas. They remain neglected because they do not interest the developed world or the Healthcare industry alike. They pose an insurmountable obstacle to health and remain a serious challenge for policy makers working on socioeconomic development of such communities. Therefore, it becomes imperative to prioritize eradication and elimination of these diseases from our country. All India Institute of Hygiene & Public Health can play an instrumental role in this respect by raising awareness regarding such Neglected Tropical Diseases (NTDs) among the vulnerable communities, spearheading related research work and working in tandem with all other stakeholders to achieve this goal.

The institute has been playing a vital role in teaching, training and research activities in various areas of public health since long. I sincerely hope that it will continue to provide its services in capacity building and fundamental research in the domain of public health in future as well.

I wish all the success to the Institute and congratulate the faculty, the staff and the students on this occasion.

(Atul Goel)

डॉ आर. आर. पति
निदेशक

Dr. R. R. Pati

M.D. (CM), Director



सत्यमेव जयते

भारत सरकार
Government of India
अखिल भारतीय स्वास्थ्य विज्ञान और जन स्वास्थ्य संस्थान
All India Institute of Hygiene & Public Health
110, चित्तरंजन एवेन्यु, कोलकाता - 700 073
110, Chittaranjan Avenue, Kolkata - 700 073

Message

It gives me immense joy to celebrate the 91st Foundation Day of All India Institute of Hygiene & Public Health with the AIIH&PH family. This is the occasion not only to remember the past glory of this prestigious institution but also to move forward with a vision to touch new heights in the area of Public Health.

I am really glad to know that this year quite a few new training programmes were conducted in addition to the existing ones to cater to the changing demands of public health professionals. Throughout the year, Primary Health care services were seamlessly provided to the beneficiaries in the field practice area of UHU&TC, Chetla and RHUTC, Singur. The institute is also planning to launch few new courses in future to meet the emerging requirements of students and professionals of Public Health. I am sure that the Institute will continue to play vital role in coming days in tackling Public health challenges faced by our country and also contribute in teaching, training and research in the field of Public Health through its multidisciplinary approach.

The theme for the scientific session - **"Lets join hands to beat the Neglected Tropical Diseases"** is very much pertinent for achieving sustainable development goals by 2030. The Institute can play an important role to elevate messaging about NTDs and highlight the positive, ambitious, and winnable NTD goals and targets.

I thank all the faculty members, other senior officers, the staff and the students for their contributions in achieving the goals of the Institute and wish success for the foundation day celebration.


(R.R. Pati)

Our Vision, Mission, Values, and Goals

Vision

- **To be a centre of excellence globally for Education, Training and Research in the field of Public Health.**

Mission

- **To develop competent workforce for public health services through teaching, training, and research in the relevant fields on a regular basis.**
- **To strive for solutions based on the harmonious blend of capacity development, knowledge dissemination, and community engagement taking the best technological advances into consideration to improve community health and hence quality of life for all.**
- **To develop model centres for health services to the community, ensuring universal coverage for primary health care.**

Value

- **To be promotion and prevention oriented, community based, population and policy focused, and concerned with human rights and social justice.**

Goals

- **Conducting need based regular courses of high quality covering all aspects of Public Health.**
- **Designing and implementing need based short courses, and training programmes for augmenting and supplementing Public Health Workforce.**
- **Informing, educating, and empowering people about health issues.**
- **Conducting research for new insights and innovative solutions to community health problems.**
- **Evolving best practices and setting standards in the field of public health.**
- **Evaluation of effectiveness, accessibility, and quality of personal and population-based health services.**
- **Playing a leadership role in the field of public health through evidence based policy advocacy.**
- **Compliance with common statutory provisions.**

All India Institute of Hygiene & Public Health

An Overview

General

All India Institute of Hygiene & Public Health, established on 30th December 1932 with generous assistance from the Rockefeller Foundation as a first school of Public Health in South-East Asia region, has been a Pioneer Institute of its kind dedicated to teaching, training, and research in various disciplines of Public Health and allied sciences to ensure capacity building in the area of Public Health. The teaching, training, and research at AIH&PH have the unique support of its field laboratories, namely, Urban Health Unit and Training Centre, Chetla and Rural Health Unit & Training Centre, Singur.

The wider canvas available to the Institute has been signified not only by its field laboratories, but also by the diverse disciplines such as Biochemistry and Nutrition, Epidemiology, Health Promotion and Education, Maternal and Child Health, Microbiology, Occupational Health, Public Health Administration, Public Health Nursing, Environmental Sanitation and Sanitary Engineering, Preventive and Social Medicine, Behavioural Sciences, and Statistics operate here.

The achievements and contributions of the Institute have been commensurate with the prime status attached to the Institute by its founders. The department-wise list of regular courses offered by the Institute indicates that the Institute has been following a holistic approach to the issue of Public Health.

Courses

Sl. No.	Nodal Department*	Name of the Course(s)
1.	Biochemistry & Nutrition	M.Sc. in Applied Nutrition. Diploma in Dietetics.
2.	Environmental Sanitation and Sanitary Engineering	Master of Engineering (Public Health).
3.	Epidemiology	Master in Public Health (Epidemiology). Post Graduate Diploma in Public Health Management.
4.	Health Promotion & Education	Diploma in Health Promotion & Education.
5.	Maternal and Child Health	Diploma in Maternity & Child Welfare*.

Sl. No.	Nodal Department*	Name of the Course(s)
6.	Microbiology	Master of Veterinary Public Health.
7.	Occupational Health	Diploma in Industrial Health*.
8.	Preventive and Social	MD (Community Medicine).
9.	Public Health Nursing	DNEA (CH) Course was stopped in 2013 following instruction of INC as per INC Resolution.
10.	Public Health Administration	Diploma in Public Health.
11.	Statistics	Diploma in Health Statistics.
* In the current session no student has been admitted for Diploma in Industrial Health, and Diploma in Maternity & Child Welfare courses because the MCI has not declared the number of seats for the said courses.		
Other departments also contribute significantly in conducting the courses.		

The Institute is affiliated to the West Bengal University of Health Sciences, Kolkata for all the courses except Master of Veterinary Public Health which is affiliated to University of Calcutta. Among the above courses, MD (Community Medicine), Diploma in Public Health, Diploma in Industrial Health, and Diploma in Maternity & Child Welfare are recognized by Medical Council of India (MCI). The three-year MPH (Epidemiology) Course is permitted by the Ministry of Health & Family Welfare. In the current session no student has been admitted for Diploma in Industrial Health and a Diploma in Maternity & Child Welfare courses because MCI has not declared no. of seats for the said courses. There is no admission also in Master of Engineering (Public Health) because of non-availability of faculty in the department.

The Department of Behavioural Sciences, which was earlier functional in the Institute, is presently non-functional because of some administrative problems including non-availability of faculty members.

Other Activities

- The Institute has been running a number of Short Courses / Training Programmes for different categories of Health Personnel on a regular basis in coordination with State Governments/ Central Ministries/ International agencies / etc.
- The Institute has been providing primary health care through its field units at Singur and Chetla to its service areas and these field units have been making significant

contributions in providing windows to the students of the Institute and other institutions for their field experience in the public health practices.

- Apart from assuring the nation on the availability of competent Human Resource on Public Health, and undertaking research to find solutions to the Public Health Challenges, the Institute has undertaken several notable initiatives in collaboration with national and international institutions to promote Public Health. It regularly undertakes various activities including public health interventions, especially through its field units to promote Public Health.
- The Institute is also assigning priority to Drinking Water and as such it has been taking initiatives to propagate the importance of safe drinking water. To facilitate the supply of safe drinking water, it provides a water testing facility at its B.N. Campus for one and all.
- In case of national disaster, the Institute deposes resource persons for Emergency Medical Response (EMR) duty on a regular basis.
- As a pre-condition, people travelling from India to yellow fever-endemic areas need the Yellow Fever Vaccination before issue of VISA. All India Institute of Hygiene and Public Health functions as one of the three centres of Yellow Fever Vaccination in Kolkata. On the average, every month, more than hundred people obtain vaccination from the centre.

Infrastructure

- The Institute operates its academic and administrative activities from the main building at 110 Chittaranjan Avenue, Kolkata 700073 and the second campus at JC 27 and JC 27 B, Sector III, Salt Lake. It has a Rural Health Unit and Training Centre at Singur, Hoogly, West Bengal and Urban Health Unit and Training Centre at Chetla, Kolkata, West Bengal. The Institute has staff quarters at both the places, Kolkata and Singur. Moreover, it has Hostel Facilities for students in Kolkata (Near Main Campus as well as in Second Campus) and Singur. In addition, we have Guest House Facilities near main campus as well as in the second campus.
- The RHU&TC, Singur has two Primary Health Centres, one at Diarah and another at Anandnagar and each of them has sub-centres. Sub-centres, Paltagarh, Nasibpur and Nanda are under PHC, Diarah and Balidipa and Dewanvery are under Health Centre Anandnagar. In addition to the sub-centres, the Primary Health Centres have other functional units which may be considered as sub-centres without fixed structure.
- The Institute has well equipped laboratories, library, computer room, classrooms, auditorium, and conference rooms. It has adequate LAN and Internet facilities with NKN connectivity and intercom facilities.

Library

- All India Institute of Hygiene & Public Health has one of the premier reference libraries on public health sciences. The library has been identified as the Regional Medical Library in the Eastern Region by D.G.H.S, and Ministry of Health & Family Welfare and ERMED facility. It has sufficient resources for the users.

General Budget

Budget at a Glance (Rs. in Crore)			
Classification	FY	Classification	FY
	2021-22		2022-23
AIIH&PH (Genl. Comp)	37.60	AIIH&PH (Gen. Comp)	42.07
CCTC, Singur	22.73	CCTC, Singur	24.98
Capital Outlay	1.72	Capital Outlay	2.30
Total	62.05	Total	69.35

Manpower

Cadre-Wise /Category-Wise Human Resources of AIIH&PH *				
Sl. No.	Cadre / Category	No. of Posts		
		Sanctioned	In position	Vacant
Group-A				
1.	Director	1	1	0
2.	CHS (Teaching Specialists)	23	13	10
3.	CHS (Non-Teaching Specialists)	1	0	1
4.	CHS (Public Health Specialists)	7	3	4
5.	CHS (General Duty Medical Officers)	30	21	9
6.	Teaching (Non-Medical)	20	1 (Contractual)	19
7.	ISS	3	2	1
	Total (Group – A)	85	41	44
Group – B				
8.	Gazetted	14	5	9
9.	Non-Gazetted	18	2 (Contractual)	16
	Total (Group – B)	32	7	25

Cadre-Wise /Category-Wise Human Resources of AIIH&PH *				
Sl. No.	Cadre / Category	No. of Posts		
		Sanctioned	In position	Vacant
Group – C				
10.	MTS	229	121	108
11.	Canteen Staff	14	2	12
12.	Other Group - C	306	176	130
	Total (Group – C)	549	299	250
	Grand Total	666	347	319

* Includes Main Campus, B.N Campus, UHU&TC, Chetla and RHU&TC, Singur.
Staff strength as on 01.12.2022

Human Resource Development

Human Resource Development assumes added significance in the strengthening of the Institute. Apart from internal training arranged by different departments, officials are also deputed to standard institutions/organisations/agencies for attending Trainings/Workshops/Seminars etc. Department-wise/Unit-wise reports given in the report of the departments/units provide further details on the issue.

All India Institute of Hygiene and Public Health

110, C. R Avenue, Kolkata-7000 73

New Initiatives

- Two new courses, namely M.Sc. in Public Health (Health Promotion) and M.Sc. in Public Health (Maternal and Child Health) have been started in 2022.
- District Residency Programme has been started in collaboration with Government of West Bengal 18 Junior Residents from the Department of PSM and 5 Junior Residents from the Department of Epidemiology participated in the program.
- The department Maternal and Child Health has been identified as the coordinating department for setting up a Training Hub for accelerating MAA program in North Eastern States and Union Territories. 14 days and one training Program has been conducted from 23/05/2022 to 06/05/2022.
- Information booklet (e-booklet available in aiihph.gov.in) for ASHAs on Health Care of Elderly and Information booklet for ASHAs on Diabetes care has been designed.
- Department of PSM has initiated the process of establishment of a Nodal Centre for Neglected Tropical Diseases Training and Research by upgrading RLTRI, Gouripur, Bankura and its HOD has been nominated as its Nodal Officer.
- PSM Department has also initiated the process of looking into the feasibility of co-location of all public health units of Dte. General of Health Services, Government of India situated in/ around Kolkata and its HOD has been designated as a Member of this Committee.
- PSM Department has also been made the Nodal Department for training District level officials from six Eastern States for preparedness for Public Health Emergencies and a MOU has been signed between AIIHPH and MoHFW in this regard. Faculty of PSM, HPE & Microbiology under chairmanship of HOD PSM shall also be preparing seven Training Modules for MoHFW for this course commencing from April 2023. Prof Bobby Paul has been designated Nodal Officer for this programme.
- PSM and HPE department have jointly with NOTTO New Delhi initiated the development of Training Module for a new six-month Certificate Course for Organ Transplantation Coordinators.

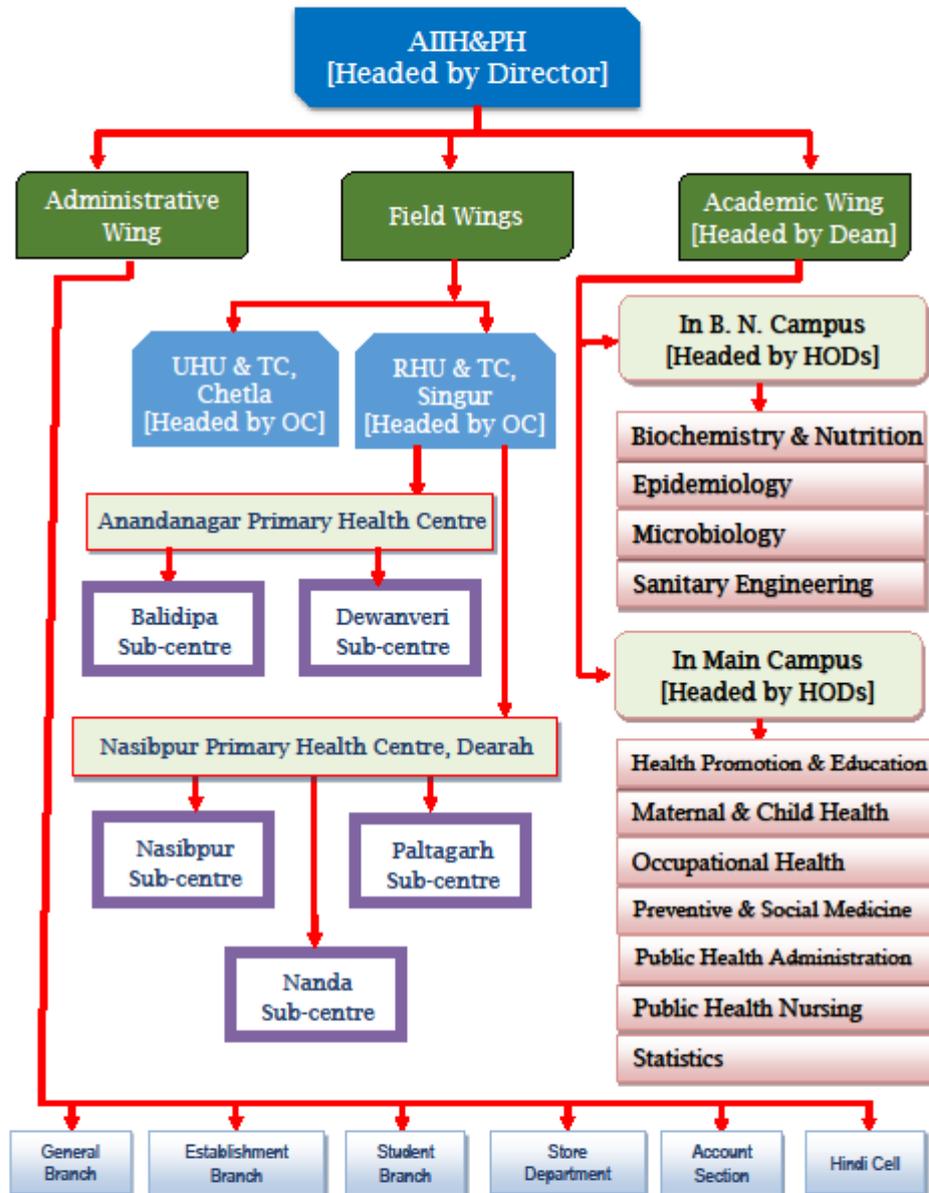
- PSM Department has also initiated the process of collaboration with ECHO India, a not-for-profit developmental partner of many Central/ State Government agencies, with specialization in delivering training through digital/ online platforms and its monitoring.
- Under the initiative of HOD PSM in his capacity as committee member, the CGHS BidhanSarani Wellness Centre could be shifted to AIIHPH Girls Hostel Building, and has started functioning there.
- Department of PSM has also initiated the process of collaborating with National Health Systems Resource Centre, the think tank of MoHFW, Government of India, with the first round of meeting between the Executive Director of NHSRC and HOD PSM and Director AIIHPH having already been held.

OTHER ACHIEVEMENTS

- The Institute has been functioning as an International Centre for Yellow Fever Vaccination for travelers of Yellow Fever-endemic areas since the initiation of the program of vaccination by the WHO. During the reference period 1553 travelers got vaccinated at the center during the reference period
- The Dept Of Microbiology Organized National Conference of Indian Academy of Tropical Parasitology (TROPACON2022)
- Awareness campaign conducted for **prevention and control of different diseases** in the field practice area of RHU& TC, Singur and UHU& TC, Chetla.
- The Institute has been functioning as Drinking Water Potability Testing Centre as per international guidelines.
- Internship Programs for external candidates has been finalized and will start from 2023
- The institute has submitted proposal for starting 2 years MPH course for medical and Nonmedical candidates for approval.
- The institute has submitted proposal for starting Certificate Course in Public Health for approval.
- Mixed Method Research Workshop was conducted at Gandhi Medical College, Bhopal, Collaboration with Department of PSM and Health Education

- Advanced workshop on Research Implementation was conducted from 31st August to 2nd September 2022)
- An orientation was arranged on National Health Programs and Activities of AIIPH&PH, Kolkata for Educational Visit of Interns & Faculty from GMC, Raigarh (Chattisgarh)

ORGANIZATION CHART



N.B.: There are many functional units such as library, canteen, etc., which have not been shown here because these are infrastructural units.

ADMINISTRATIVE SET-UP

Sl. No.	Name	Photograph	Designation	Educational Qualification	Work Allocation
1.	Dr. R.R Pati		Director	MBBS, MD	Head of the Institute
2.	Dr. Bhaskar Sen		Additional Director	M.B.B.S	Head, Administrative Wings of the Institute
3.	Sh. Vishwakarma		AD(OL)		DDO
4.	Dr. Sanjoy Bhattacharya		Medical Officer	MBBS	CPIO, Legal Cell & Clinical Services.
5.	Shri Pradip Kayal		P.A. to Director		Secretarial Assistance to the Director

N.B: Administrative set-ups at B.N. Campus and Field-Units are given separately at respective places.

Important Committees/Statutory Bodies

Faculty Council

The Faculty Council is the executive body of the Institute, which deliberates and decides all academic issues, including the support services for the academic activities. Presently, Dr. R. R. Pati, Director of the Institute is the Chairman of the Council and Dr. Debashis Dutt, Director-Professor, Dean and HOD (PHA) is the Member Secretary. All Head of Departments/Training Centres and the Additional Director, in-charge of the Administration and the Additional Director, in-charge of the B. N. Campus are members of the Faculty Council.

Office Council

The scheme of Joint Consultative Machinery (JCM) is a platform for constructive dialogue between the representatives of the staff side and the official side for peaceful resolution of all disputes between the Government as an employer and the employees.

The JCM Scheme provides for setting up of Joint Councils under three tier system – i) National Council at the National level, ii) Departmental Council at each Department / Ministry level, and iii) Office Council at Regional / Office level.

This Institute also has an Office Council consisting of both Official Side and Staff Side. The Director of this Institute is the Chairman and the Administrative Officer is the Member-Secretary of the Office Council. The Additional Director of this Institute and the Officer-in-Charges of our three units are members of the Office Council from the Official Side.

There are three recognized Staff Associations in this Institute – i) Hygiene Institute Staff Association (HISA), ii) All India Institute of Hygiene & Public Health Employees Union (AIIH&PHEU) and iii) A.I.I.H&P.H Permanent Karmachary Sangha (AIHHPHKS). The Presidents and the General Secretaries of these recognized associations are the Staff Side leaders of the Office Council and the other eight staff members (six from each association) nominated by the respective staff associations are the Staff Side members of the Office Council.

Academic Cell

1.	Dr. Debashis Dutt, Director-Professor, Dean, & HOD, PHA	Chairman
2.	Dr. C.S. Taklikar, HOD, HPE	Member Secretary
3.	Dr. Ranjan Das, Director-Professor, HOD, PSM	Member
4.	Dr. A.K Mallick, Dir-Prof & HOD, MCH Acting Head Deptt. of PHN	Member
5.	Dr. S.K Sadhukhan, Prof & HOD, Epidemiology Acting Head SE	Member
6.	Dr. Shibani Dutta Prof & HOD, B&N	Member
7.	Mrs. Shruti Shukla, Prof, HOD, DOS	Member
8.	Dr. Bobby Paul, Prof & HOD, Occupational Health	Member
9.	Dr. Atul Raj, Prof, HOD, Microbiology	Member

Medical & Public Health Education Unit

1. Dr. Debashis Dutt, Director-Professor, Dean, & HOD, PHA Chairman
2. Dr. S.K. Sadhukhan, Prof & HOD, Epidemiology Acting Head SE Member
3. Dr. A.K. Mallick, Dir-Prof & HOD, MCH Acting Head Deptt. of PHN Member
4. Mrs. Shruti Shukla Prof, HOD, DOS Member
5. Dr. Shibani Dutta Prof & HOD, B&N Member
6. Dr. C.S. Taklikar, HOD, HPE & OH Member
7. Dr. Ranjan Das, Dir- Professor, HOD, PSM Member
8. Dr. Amitava Dan, Public Health Specialist, OC, UHU&TC, Chetla Member
9. Dr. Asim Sarkar, CMO (NFSG), RHU&TC, Singur Member

Scientific Advisory Committee

1. Dr. Debashis Dutt, Director-Professor, Dean, & HOD, PHA Chairman
2. Dr. Bobby Paul, Prof & HOD, OH Member Secretary
3. Dr. A.K. Mallick, Dir-Prof., HOD, MCH Member
4. Dr. S.K. Sadhukhan, Prof & HOD, Epidemiology Acting Head SE Member
5. Dr. Shibani Dutta Prof & HOD, B&N Member
6. Dr. C.S. Taklikar, Prof. . Dept. of HPE Member
7. Dr. Atul Raj, Prof & HOD, Microbiology Member
8. Dr. S. Dasgupta Prof Dept. of PSM, KPC Medical College Member
9. Dr. S.K. Roy, Prof, ISI, Kolkata Member

Library Committee

1. Dr. A.K. Vajpayee, Director-Prof. Occupational Health (retired) Chairman
2. Dr. N.N. Naskar, Director-Professor, PHA (retired) Member
3. Dr. M. Bhattacharyya, CMO (NFSG.), MCH Member & In-charge
4. Sh. A. Chaturvedy, Librarian Member

Anti-Ragging Committee

1. Dr. A. Roy, Additional Director, B.N. Campus Chairman
2. Dr. N.N. Naskar, Director-Professor, PHA Member
3. Mrs. Rehana Khatun, Councillor, Ward No.44, KMC Member
4. Sh. Sujay Sultan, Sub-Inspector, Jorasanko PS, Kolkata Member

- | | | |
|----|--|--------|
| 5. | Dr.Ketaki Das, P. H. Relations Officer, WBVHA, Kolkata | Member |
| 6. | Sh. Subhrajit Sarkar, SSO, Deptt. of Statistics | Member |
| 7. | Dr. Amit Banik, Asso. Professor, Microbiology | Member |

Biomedical Waste Management and Handling Committee

- | | | |
|----|---------------------------------------|---|
| 1. | Dr.Amalendu Roy, CMO(SAG) | Chairman & Programme implementation Officer |
| 2. | Dr.Atul Raj, Asoc. Prof, Microbiology | Nodal Officer |
| 3. | Officer-in-Charge, RHU&TC, Singur | Member |
| 4. | Officer-in-Charge, UHU&TC, Chetla | Member |

Institutional Ethics Committee (IEC)

- | | | |
|----|--|------------------|
| 1. | Dr.SaibenduLahiri, Professor & Head, Department of Community Medicine, R. G. Kar Medical College, Kolkata. | Chairman |
| 2. | Dr. Ashok Kumar Mallick, Professor, PHA, AIIHPH, Kolkata. | Member Secretary |
| 3. | Prof.SudeshnaBasu Mukherjee, HOD, Dept. of Sociology, CU, Kolkata. | Member |
| 4. | Sh. A.K.M. AbdusSadek, Senior Lecturer, Surendranath Law College, Kolkata. | Member |
| 5. | Dr. Amit Sarkar, Secretary, OncoLink (NGO), Kolkata. | Member |
| 6. | Dr. R.N. Sinha, Director Professor, MCH, AIIHPH, Kolkata. (retired) | Member |
| 7. | Dr. Bobby Paul, Assoc. Professor, PSM, AIIHPH, Kolkata. | Member |
| 8. | Dr.Sayan Bhattacharyya, Asso. Professor, Microbiology. | Member |
| 9. | Sh. Bechu Ram Mandal, Community Representative. | Member |

Institutional Animal Ethics Committee (IAEC)

- | | | |
|----|---|-------------------|
| 1. | Dr.Atul Raj, Assoc. Prof , Microbiology | Chairman |
| 2. | Dr.Sayan Bhattacharyya, Asso. Prof | Member Secretary |
| 3. | Dr.Kuladip Jana, CPCSEA member | Member (Outsider) |
| 4. | Dr. Amit Banik, Asso. Prof | Member |
| 5. | Dr.Rohit Raj, Veterinary- Surgeon | Member (Outsider) |

Women's Grievance Cell/ Sexual Harassment Committee

- | | | |
|----|---|--|
| 1. | Dr.Shibani Dutta, Professor&HoD , B&N | Presiding Officer |
| 2. | Dr.Madhumita Bhattacharya, Chief Medical Officer | Member Secretary |
| 3. | Dr.Shampa Mukherjee (Kundu), SSO, Deptt. of Stat. | Member |
| 4. | Smt. TopotiBhowmik, SANLAAP India | Outside Member |
| 5. | Dr.Nandiani Bhattacharya | Member |
| 6. | Dr. R. N Sinha (retired) | Additional Member
(Nominated by the Director) |
| 7. | Mr. PradipKayal | Additional Member |

(Nominated by the Director)

SC/ST/OBC Grievance Cell

1. Dr. A.K. Mallick Chairman
2. Dr. R.N. Sinha (retired) Member
3. Sh. Anupam Deb Barman Member

Minority Cell

1. Dr.Amalednu Roy Chairman
2. Dr.Safique Ahmed Khan, CMO (NFSG), CGHHS Member
3. Dr.Sanjib Das, MO Member

Preventive Vigilance Committee

1. Dr. Dipak Pal, Director-Professor, Epidemiology Chairman
2. Dr.Nandini Bhattacharya, SMO, Deptt. of OH Member-Secretary
3. Dr.Sayan Bhattacharya, Asso. Prof., Microbiology Member
4. Dr.Rajarshi Chakraborty, M.O, UHU&TC, Chetla Member
5. Dr.Kausik Das, M.O, RHU&TC, Singur Member

Plastic Hazards Committee

1. Dr. D. Dutt Chairman
2. Dr. C. S. Taklikar Member Secretary
3. Dr.Amitabha Dan Member

Training Cell

1. Dr. A. Vajpayee (retired) Chairperson and Training Manager
2. Dr.DebashiDutt Member Secretary
3. Dr. Dipak Pal (retired) Member
4. Dr. Sanjay Kr.Sandhukhan Member

Swachh Bharat Mission Committee

1. Dr. Lina Banerjee Chairman
2. Dr.Nandini Bhattacharyya, SMO Member
3. Dr.AmitBanik, Asstt. Prof. Member Secretary
4. Dr.AmitavaAuddy Member
5. Dr.ShamitaMondal Member
6. Dr.Ketaki Sharma Member

7. Dr.M.Bhattacharya Member

Central Public Information Officer

1. Dr.Sanjoy Bhattacharya CPIO
2. O.C. UHU&TC, Chetla Asst. CPIO
3. O.C. RHU&TC, Singur Asst. CPIO
4. O.C. B N Campus Asst. CPIO

First Appellate Authority under RTI

Director, AIIH&PH, Kolkata.

Welfare Officer

Dr. D. Dutt, Director Professor & HOD, PHA

Vigilance Officer

Dr.C.S. Taklikar, Professor & Head, DHPE

Departmental Canteen Committee

1. Dr.Madumita Bhattacharya Chairman
2. Dr.Nandini Bhattacharya Member Secretary
3. Dr.C. S Taklikar Member
4. Sh. P.K. Barman, UDC Member
5. Sh.Prabir Ghosh, MTS, Canteen Manager (Acting) Member

Hostel Committee

Main Campus

1. Dr.Bhaskar Sen, AD Chairman
2. Sh. Subhojit Ghosh, SSO Member Secretary
3. Dr. M. Bhattacharya, SMO Member
4. Smt. Batasree Biswas, L Supdt. Member

Bidhan Nagar Campus

1. Dr. Deepa Saw Chairman
2. Dr. Amit Banik, Assistant Professor Member

RHU & TC, Singur

1. Dr.Asim Sarkar (transferred) Chairman
2. Dr.Shamita Mandal Member
3. Dr. Kaushik Das Member

Bidhan Nagar Campus

Introduction:

The picturesque and state-of-art Bidhan Nagar Campus is situated at JC Block (27&27B), Salt Lake, Sector III, Kolkata 700106 under Bidhan Nagar Corporation area. Total area of this lush green complex is 10.86 acres. Out of this area 8.16 acres (approx.) was received from the State Govt. in JC 27 Block and 2.7 acres was received from National Institute of Homeopathy in JC-27B Block. The Campus comprises of residential and non-residential buildings, lush green compound and wide parking area. Residential buildings includes quarters in blocks A to H, non-residential buildings include the main G+III institutional block, Guest House, International Hostel, a generator room and few garages. The Institutional Building houses Additional Director's Office and four Departments namely D/O – Epidemiology, Microbiology, Biochemistry & Nutrition and Sanitary Engineering.

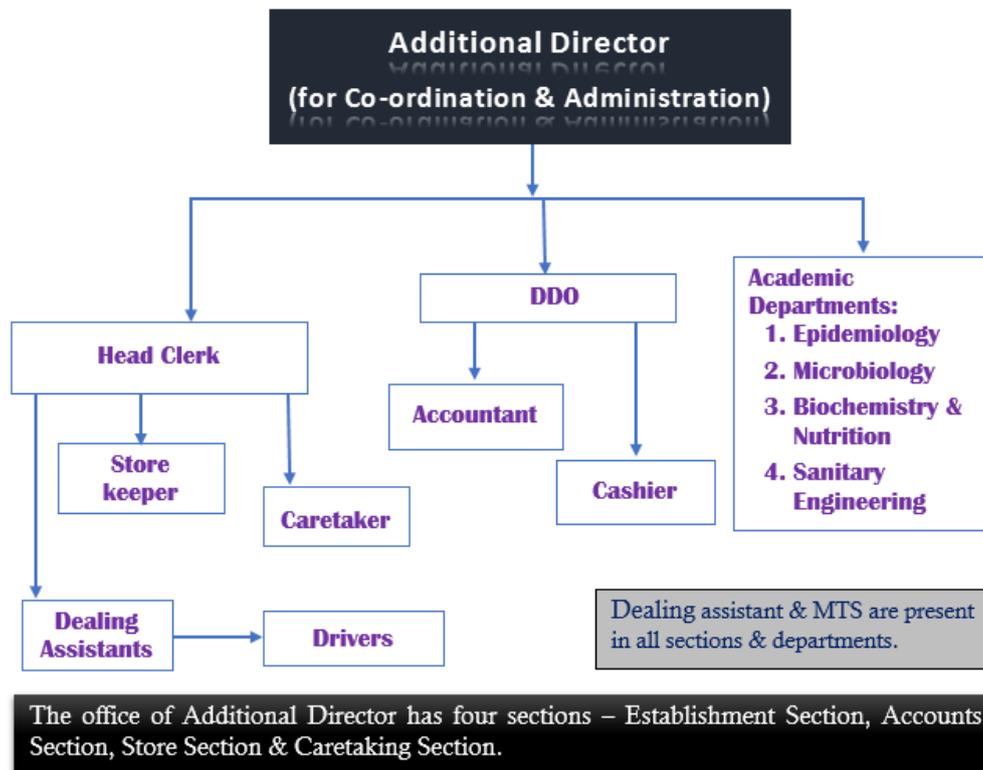
The foundation stone of the Bidhan Nagar Campus as a nodal centre for education, training and research in public health was laid by Mr. A.R. Antulay, the then Minister of Health & Family Welfare in 1994. The campus started functioning when four departments namely, Microbiology, Epidemiology, Sanitary Engineering and Biochemistry & Nutrition were shifted from main campus in end of 2010. The full-fledged functioning of a separate office and establishment for B N Campus was started from September, 2013 with the shifting of establishment of all employees posted here. B N Campus is headed by Additional Director who works under Director and looks after organizational functioning of campus and provides managerial support for smooth functioning of the departments in the campus.

The Regional Office, Ministry of Health & family Welfare is also housed in Block C of this campus.



Main Building, Bidhan Nagar Campus

Administrative setup



Administrative Setup



Dr. Deepa Shaw
CMO, NFSG & Officer -in-Charge
MBBS

E-mail: officebnc4@gmail.com

aaihphbnc@gmail.com

Mobile No.: +91 90519 38055

Area of expertise: Clinical Medicine,
Administration.

Other Administrative Staff

Sl. No.	Cadre /Category	Number
1	Head Clerk	1
2	Assistant	1
3	UDC	2
4	LDC	5
5	Drivers	1
6	MTS	6
7	MTS (Safaiwala)	2

Institute Building

The main administrative cum Academic building houses the Director's room, the Additional Director's room, the administrative offices, caretaker section, store section, transport section, one seminar hall, one library room, two conference rooms apart from the class-rooms, faculty rooms and laboratories allotted to the four academic departments; Epidemiology, Biochemistry & Nutrition, Microbiology, & Sanitary department.

- **Staff quarters**

Block A, F, G & H which includes two duplex quarters for the Director & Additional Director (A-1 & A-2).

- **MOH&FW office**

Block C houses MOH&FW office for which maintenance & repair work is done by CPWD from AIIH&PH fund.

- **Gents Hostel & Ladies Hostel**

The campus has Gents and Ladies hostel with adequate facilities

- **International Hostel**

It has 14 double bed rooms & 09 single bed rooms.

- **Guest House**

It has 2 red suites, 2 grey suites & 3 double bed rooms.

- **Water treatment plant**

The plant with two deep tube wells to use underground water which has the facility of iron removal.

- **One jumbo generator set**

It acts as back-up in the event of power cut

- **Contractual canteen**

Canteen serves food for the employees, students & guests, which is temporarily closed.

- **Biomedical waste disposal**

A pit is constructed as per WHO guidelines.

- **Eco garden**

Eco garden is constructed to strengthen eco-friendly environment of the Institute.

Courses conducted at BN Campus:

Please see the reports of the different departments.

Other Special Services Provided in the Campus:

- **WATER TESTING**

Microbiological testing and chemical testing for hardness, alkalinity and presence of Chlorides, Iron, Arsenic and Fluoride are being done here by the Department of Microbiology and the Department of Sanitary Engineering.

- **YELLOW FEVER VACCINATION**

Yellow Fever Vaccination has been made mandatory before the issue of VISA for visiting yellow fever-endemic areas/countries. In Kolkata, All India Institute of Hygiene & Public Health, being one of the nodal Centres, provides Yellow Fever Vaccine through its Microbiology Department.

Neglected Tropical Diseases: The Long Forgotten Riddle

Neglected tropical diseases (NTDs) are a diverse group of conditions diseases that primarily occur in rural areas and poor urban areas of low-income and middle-income countries, but can also affect specific communities within high-income countries. Mainly prevalent in tropical areas, they mostly affect impoverished communities and disproportionately affect women and children. These diseases cause devastating health, social and economic consequences to more than 1.7 billion people globally. Their impact on child health and development, pregnancy, and worker productivity, as well as their stigmatizing features, prevent equity and economic stability.

India has successfully eliminated certain infectious diseases—such as guinea worm, trachoma, and yaws—in recent years. Yet, neglected diseases such as Leishmaniasis, Filariasis, leprosy, snakebite, and soil transmitted helminthic infections still pose a challenge.

NTDs are caused mostly by a variety of pathogens including viruses, bacteria, parasites, fungi, and toxins. They are “neglected” because they are almost absent from the global health agenda of the developed countries and are associated with stigma and social exclusion.

The epidemiology of NTDs is complex and often related to environmental conditions. Many of them are vector-borne, have animal reservoirs and are associated with complex life cycles. All these factors make their public-health control challenging.

In addition to significant mortality and morbidity - approximately 200,000 deaths and 19 million disability adjusted life years (DALYs) lost annually, NTDs cost developing communities the equivalent of billions of US dollars each year in direct health costs, loss of productivity and reduced socioeconomic and educational attainment. They are also responsible for other consequences such as disability, stigmatization, social exclusion and discrimination and place considerable financial strain on patients and their families.

In spite of this, NTDs have historically ranked very low and almost absent from the global health policy agenda – only to gain recognition in 2015 with the Sustainable Development Goals (SDG target 3.3). SDG 3 can therefore be achieved only if the NTD goals are met but, because interventions to tackle NTDs are widely cross-sectoral, increasing their global prioritization can in fact catalyze progress to achieve all SDGs.

The 2030 Agenda for Sustainable Development, adopted by all United Nations Member States in 2015, provides a shared blueprint for peace and prosperity for people and the planet, now and into the future. At its heart are the 17 Sustainable Development Goals (SDGs), which are an urgent call for action by all countries - developed and developing - in a global partnership. They recognize that ending poverty and other deprivations must go hand-in-hand with strategies that improve health and education, reduce inequality, and spur economic growth – all while tackling climate change and working to preserve our oceans and forests.

WHO's action to control, prevent, eliminate and eradicate NTDs is guided by the new NTD road map for 2021-2030, that moves away from vertical disease programmes to integrated cross-cutting approaches. The aim is to facilitate the coordinated scale-up of key interventions through public health approaches such as preventive chemotherapy, individual case management, vector control, veterinary public health and water, sanitation and hygiene (WASH).

The road map sets global targets and milestones to prevent, control, eliminate or eradicate 20 diseases and disease groups as well as cross-cutting targets aligned with the Sustainable Development Goals. Three foundational pillars will support global efforts to achieve the targets: They include

PILLAR 1: Accelerate programmatic action Reduce incidence, prevalence, morbidity, disability and death

PILLAR 2: Intensify cross-cutting approaches, Integrate interventions, mainstream services and coordinate action

PILLAR 3: Change operating models and culture to facilitate country ownership. Clarify stakeholders' role, understand cultures and align to reach 2030 targets

The overarching 2030 global targets include:

- I. 90% reduction in the number of people requiring treatment for NTDs;
- II. 75% reduction in DALYs related to NTDs;
- III. At least 100 countries eliminating at least one NTD;
- IV. Eradication of two diseases (dracunculiasis and yaws).

WHO recommends targeted prevention and treatment activities for at least one of these diseases, every year. Additional cross-cutting targets focus on integrated approaches, multisectoral coordination, universal health coverage and country ownership, while a further set of targets has been devised to measure progress against each disease.

It is time for India to establish a comprehensive policy on neglected diseases that paves the way for greater funding and mechanisms to support research and innovation. A unified programme on neglected diseases encompassing research and elimination measures is likely to have a greater impact in prioritising the matter in the health agenda and streamlining efforts towards disease elimination. Creating an enabling environment for research and innovation will be crucial if India is to achieve the target set in sustainable development goal 3.3 to end epidemics of neglected tropical diseases by 2030. This would happen through close coordination between all stakeholders.

Contributed by:

Dr Amit Banik
Assoc. Prof. (Microbiology)

हिन्दी अनुभाग

परिचय

- राजभाषा नीति का कार्यान्वयन तथा राजभाषा अधिनियम और उसके अंतर्गत बनाए गए नियमों के प्रावधानों का अनुपालन सुनिश्चित करने के लिए संस्थान में तीस वर्ष पहले हिन्दी कक्ष स्थापित किया गया। हिन्दी कक्ष का उद्देश्य कार्यालयी हिन्दी का प्रचार-प्रसार, सभी अधिकारियों एवं कर्मचारियों को हिन्दी में प्रशिक्षण प्रदान करना है ताकि हिन्दी में कार्यालय का काम करना संभव हो सके। अलावा इसके अधिकारियों को समय-समय पर राजभाषा संबंधी नियमों से अवगत कराना है।
- संस्थान के हिन्दी कक्ष में एक सहायक निदेशक (राजभाषा), एक कनिष्ठ हिन्दी अनुवादक, एक हिन्दी टंकक एवं एक एम टी एस का पद है। श्री मनीन्द्र नाथ विश्वकर्मा सहायक निदेशक (राजभाषा) हैं। कनिष्ठ हिन्दी अनुवादक, हिन्दी टंकक एवं एम टी एस का पद रिक्त है। रिक्त पदों को भरने की कोशिश की जा रही है। इस संस्थान की तीन अन्य इकाईयां शहरी स्वास्थ्य इकाई एवं प्रशिक्षण केंद्र, चेतला, ग्रामीण स्वास्थ्य इकाई एवं प्रशिक्षण केंद्र, सिंगुर, एवं द्वितीय परिसर साल्ट लेक में हिन्दी का कोई भी पद नहीं है। यहाँ हिन्दी के पद सृजित करने की दिशा में ठोस कदम उठाया जाना चाहिए।



मनीन्द्र नाथ विश्वकर्मा (एम ए - हिन्दी, समाजशास्त्र)
सहायक निदेशक (राजभाषा)
E-mail: dayamaniaruni@gmail.com

अनुभाग का कार्य-कलाप

1. हिन्दी कक्ष से जन स्वास्थ्य नामक वार्षिक पत्रिका प्रकाशित की जाती है वर्तमान में रिक्तपदों के कारण उक्त पत्रिका का प्रकाशन नहीं हो सका।
2. इस वर्ष दिनांक 28/04/2022 एवं 21/09/22को केन्द्रीय काँच एवं सिरामिक अनुसंधान संस्थान, यादवपुर, कोलकाता-32 के द्वारा नगर राजभाषा कार्यान्वयन समिति (कार्यालय-2) की बैठक माइक्रोसॉफ्ट टीम्स के माध्यम से आयोजित की गई थी। इसमें संस्थान के सहायक निदेशक(राजभाषा), श्री मनीन्द्र नाथ विश्वकर्मा ने अंश ग्रहण किया।

3. हर वर्ष की भांति इस वर्ष भी एक सितंबर से चौदह सितंबर तक संस्थान में हिन्दी पखवाड़ा का आयोजन किया गया था। हिन्दी पखवाड़ा के समापन समारोह का आयोजन दिनांक 14/09/2022 को किया गया। कार्यक्रम की अध्यक्षता संस्थान के निदेशक डॉ. रमापति रंजन ने किया। हिन्दी पखवाड़ा के दौरान टिप्पणी एवं प्रारूपण, निबंध प्रतियोगिता, सुलेख व श्रुतिलेखन, साधारण ज्ञान प्रतियोगिता, कवितापाठ, सम्भाषण एवं कथावाचन आदि प्रतियोगिताएं आयोजित की गईं। प्रतियोगिताएं हिन्दीभाषी एवं हिन्दीतर दोनों के लिए आयोजित की गई थीं। विजेताओं को अध्यक्ष के कर-कमलों द्वारा पुरस्कृत किया गया। हिन्दीतर प्रतियोगियों में सर्वश्रेष्ठ प्रदर्शन श्रीमती छाया चंद का रहा जिन्होंने कुल पाँच पुरस्कार जीते। दूसरा स्थान, श्री चिरंजीत मुखोपाध्याय, श्रीमती मिताली मुखर्जी एवं डॉ. सायन भट्टाचार्य का रहा जिन्होंने कुल चार-चार पुरस्कार जीते। तीसरा स्थान श्री इंद्रनील भद्र, श्रीमती शंपा मुखर्जी और शुभ्रजित सरकार का रहा जिन्होंने कुल तीन-तीन पुरस्कार जीते। श्रीमती मौसुमी मण्डल, के के गांगुली, श्री दिलीप कुमार बैद्य, डॉ. केतकी शर्मा, ने दो-दो पुरस्कार जीते। हिन्दी भाषी प्रतियोगियों में श्री अभिषेक प्रथम स्थान पर रहे। द्वितीय स्थान पर श्री अभिषेक चतुर्वेदी रहे। श्रीराजकुमार एवं श्री नवीन ने दो दो पुरस्कार जीते। अन्य प्रतिभागियों को सांत्वना पुरस्कार प्रदान किया गया।
4. इस वर्ष हिन्दी शिक्षण योजना द्वारा आयोजित जनवरी 2022 एवं नवंबर 2022 सत्र की हिन्दी प्रवीण, प्राज्ञ एवं पारंगत का प्रशिक्षण संस्थान में ही आयोजित किया गया था। इस वर्ष जनवरी सत्र में कुल नौ कर्मचारियों ने पारंगत में छः कर्मचारियों ने प्राज्ञ में एवं तीन कर्मचारियों ने प्रवीण में नामांकन कराया। सभी ने 70% से अधिक नंबरों सहित परीक्षाएँ उत्तीर्ण किए जुलाई सत्र हेतु पारंगत में 14, प्राज्ञ में 10 एवं प्रवीण में 10 कर्मचारियों ने नामांकन कराया। इनकी परीक्षाएँ संस्थान में ही आयोजित की गई थी। परिणाम पत्र अभी अघोषित है।
5. इस वर्ष 25/04/22 से 27/04/22 तक एवं 25/07/22 से 27/07/22 तक हिन्दी कार्यशाला का आयोजन किया गया था।
6. संस्थान में व्यवहृत होने वाले अधिकांश कंप्यूटरों में यूनिकोड की व्यवस्था कर ली गई है इस पद्धति के द्वारा आसानी से हिन्दी में काम किया जा सकता है।

Bio-chemistry & Nutrition

Introduction

Biochemistry and Nutrition Department of All India Institute of Hygiene and Public Health is the first ever department in India to start Diploma in Dietetics course in 1950. M. Sc (Applied Nutrition) course was started in the year 2009 by this department. The Department of Bio-Chemistry and Nutrition is concerned with basic and applied teaching, and research in the science of nutrition. Training is oriented towards the nutrition component of health problems at all levels, viz. individual, family, community and national level. Training is also provided in dietetics, identification of the nutritional needs of a community, assessment of nutritional problems and mobilization of resources to deal with these problems. This department was a part of advanced research and teaching centre of ICMR, particularly with respect to epidemiology of malnutrition among the tribal population and urban slum dwellers.

Teaching Activities

1. M.Sc. in Applied Nutrition

- Affiliated University: The West Bengal University of Health Sciences
- Annual Intake: 20
- MCI recognition: No
- Admission procedure: Through Common Entrance Examination conducted by The West Bengal University of Health Sciences

2. Diploma in Dietetics

- Affiliated University: The West Bengal University of Health Sciences
- Annual Intake: 31
- MCI recognition: No
- Admission procedure: Through Common Entrance Examination conducted by The West Bengal University of Health Sciences

Faculty



Dr. Shibani Lahiri
Professor & HOD
M.B.B.S. & MD

E-mail: shibani.datta@yahoo.co.in

Mobile No.: 9433424805

Area of expertise: Nutrition Education, Public Health Administration, Community Nutrition.



Dr. Prasun Roychowdury
Demonstrator
M.Sc. (Biochemistry), Ph.D.
(Biochemistry)

E-mail: prasun.bkp@gmail.com
Mobile No.: 8981557579
Area of expertise: Nutritional Biochemistry, Stress Management with Nutritive Molecules, Impact of Climate Change on Human Nutrition.



Ms. Anindita Bhattacharjya
Demonstrator
M.Sc. (Biochemistry),
B. Ed., Diploma in Sanitary
Inspector

E-mail: aninditabu92@gmail.com
Mobile No.: 9382170722
Area of expertise: Nutritional Biochemistry, Contaminates in Food (antibiotics), Dietetics, Water Pollution.

Other Members

Sl. No.	Post/Category	No. In position	Activities performed
1	Laboratory Technician	6	Assist Faculty to conduct practical classes
2	Stenographer	1	Secretarial Assistance
3	Laboratory Assistant	0	Assist Faculty to conduct practical classes
4	Laboratory Attendant	3	Support Service
5	Senior Cook	1	Assist Faculty to conduct practical classes
6	Cook	1	Assist Faculty to conduct practical classes
7	MTS	0	Support Service

Publications

BY PROF. SHIBANI LAHIRI

Book chapter entitled "The current scenario of HIV/ AIDS in India", International Book of Microbiology.

Research Work

UNDER THE GUIDANCE OF PROF. SHIBANI LAHIRI

- 1) A cross sectional study on distress and coping among the care givers of cancer patients attending oncology Department of a tertiary care Hospital in Kolkata by Dr Kaustav Chakraborty, MD student (2022-2025).
- 2) A cross sectional study on reproductive tract infections among women of reproductive age group in a rural area of Singur, West Bengal by Dr Narayani Siware, MD student (2022-2025).
- 3) A study on morbidity pattern and Health seeking Behaviour among Zari embroidery workers in a rural Community of Howrah District, West Bengal. By Dr. Dipankar Jana, M.D student (2021-2024).
- 4) The prevalence of obesity & its relationship with junk food consumption & physical activity status in high school children. By Deepannita Das, MSc Applied Nutrition 2nd yr. (2021-2022).
- 5) A cross sectional study on Morbidity Profile of Printing Press workers in Madhyamgram Municipality area of North 24 pgs. By Dr. Tanaji Mukherjee, MD student (2021-2024)
- 6) A study on Inpatient Experience and quality standards in Gynaecology and Obstetrics department of a secondary level hospital in Hooghly District of West Bengal by Dr Kamal Kishore Singh, MD student (2021-2024)
- 7) A comparative study on anaemia among elderly in a rural area of Singur and selected slum areas of Kolkata by Md Adil Hussain M, MD student (2022-2025)

UNDER THE GUIDANCE OF DR. PRASUN ROYCHOWDHURY

- 1) Sleep quality and perceived stress in relation to hedonic hunger among college students of selected colleges (18-25 years). By Poulamee Ghosh, MSc Applied Nutrition 2nd yr. (2021-2022).

UNDER THE GUIDANCE OF Ms. ANINDITA BHATTACHARJYA

- 1) Assessment of dietary and hygienic pattern during covid 19 pandemic. By Riya Karmakar, MSc Applied Nutrition 2nd yr. (2021-2022).

PhD Award:

Dr. Prasun Roychowdhury, Demonstrator was awarded Ph.D. from Vidyasagar University, Midnapore for the thesis entitled "Understanding Biochemical Pathways due to Thermal Stress of Carp Fishes and Their Mitigation Measure"

M. Sc. (APPLIED NUTRITION) DISSERTATION RESEARCH COMPLETED:

1. A cross-sectional study on nutritional status of women of reproductive age group residing in a rural area of Hooghly district, West Bengal.
2. A study to explain the link between insufficient sleep and obesity or overweight among adolescence at Kukura Anilabala High school, PurboBardhaman.
3. A study to assess Nutritional status among Elderly population in a municipal area, Barrackpore, 24 PGS (N).
4. To study the consumption pattern of junk food and soft drinks with obesity and physical activity among adolescents.
5. Assessment of the impact of Dietary Habits on Body Mass Index and Menstrual Irregularities: A study among female undergraduate and postgraduate students.
6. A Study on Perception and Practices Regarding Complementary Feeding Among Mothers Having Children Aged 6-24 Months at Word No-42 In Durgapur M. Corp., Paschim Bardhaman, West Bengal.
7. To study the association of dietary and lifestyle choices with constipation among adolescents in an urban area of West Bengal.
8. A study on Polycystic Ovary Syndrome and its riskfactors among undergraduate and postgraduate college students in selected colleges of Kolkata, West Bengal.
9. A Cross-sectional study on the prevalence of eating disorder and associated co morbidities among 15-19 years adolescent girls, Kolkata, West Bengal.
10. Assessment of nutritional status and nutrition related knowledge of women of reproductive age group (15 – 49 years) attending Urban & Health Unit, Chetla, Kolkata.
11. Study on assessment of nutritional status among young housewives in a rural slum area of Chandpara, West Bengal.
12. A study on effect of Covid pandemic on ICDs services of Kantadighi village, Bankura District, West Bengal.
13. To study the relationship between food intake frequency and menstrual distress among high school females.
14. A study to assess the prevalence of hypertension, it's associated risk factors and health seeking behaviour among adults in a village of Purba Medinipur.
15. A study to assess the awareness of mothers having children under 5 years of age about food product labelling of packed food in an urban community, Howrah.

16. To study the assessment of nutritional status of children in the age group of 1-12 years in village area of Bankura district.

M. Sc. (Applied Nutrition) Dissertation research ongoing:

1. Evaluation of household potable water quality by microbiological analysis, supplied in Kolkata and its adjoining districts.
2. Dissertation topic- assessment of dietary and hygienic pattern during covid 19 pandemic.
3. A study on menstrual irregularities among reproductive women in relation to nutritional status.
4. Eating disorders in adolescent girls.
5. A study on knowledge and practice regarding usage of repeatedly heated cooking oil among street food vendors of Kestopur area, Kolkata.
6. A study on knowledge and practices regarding breastfeeding among mothers having children between aged 6 months to 24 months.
7. Nutritional status and malnutrition with associated risk factors among orphan children in Howrah city, India.
8. The prevalence of obesity & its relationship with junk food consumption & physical activity status in high school children.
9. Study on social media usage and health promoting lifestyle: an exploration among college students.
10. Study of normal and pathogenic bacteria and yeasts in various probiotics.
11. A study on factors associated with nutritional status and eating behaviour of school going adolescents (10-15yrs).
12. A cross sectional study on Caffeine consumption and its association with stress, anxiety among college students in Government Degree College, Dharmanagar.
13. Sleep quality and perceived stress in relation to hedonic hunger among college students of selected colleges (18-25 years).
14. Adolescent anaemia and follow up of WIFS program

Conference/Seminars/Workshop/ Attended

Prof Shibani Lahiri participated in RBCW Training Program at SCB Medical College Cuttack from 14th to 16th September 2022.

Membership of Committees

Participation of Prof. Shibani Lahiri in different Committees:

- 1) Chairperson of Internal Complaint Committee.
- 2) Chairperson of Transparency Audit Committee.
- 3) Member of the Medical and Public Health Education Unit.

Examiners

Prof. Shibani Lahiri, Head of the Department acted as

- 1) Examiner of Dip Diet Final Examination.
- 2) Examiner of MSc. Applied Nutrition 1st year Final examination.
- 3) Examiner of MSc. Applied Nutrition 2nd year Final Examination.

Dr. Prasun Roychowdhury, Demonstrator acted as

- 1) Examiner of Dip Diet Final Examination.
- 2) Examiner of MSc. Applied Nutrition 1st year Final examination.
- 3) Examiner of MSc. Applied Nutrition 2nd year Final Examination.

Ms. Anindita Bhattacharjya, Demonstrator acted as

- 1) Examiner of Dip Diet Final Examination.
- 2) Examiner of MSc. Applied Nutrition 1st year Final examination.
- 3) Examiner of MSc. Applied Nutrition 2nd year Final Examination.

Field Activities/Programme

- Nutritional assessments among selected villagers at Hakimpur, Singur, Hooghly.
- Nutritional awareness programs among school students of Nanda board primary school, Singur, Hooghly, 10th march 2022.
- Laboratory demonstration of Iodine estimation during 'Educational Visit of Interns and Faculty from GMC, Raigarh (Chattisgarh) for Orientation to National Health Programmes and Activities of AIIHPH', 24th March, 2022.
- Awareness on Food safety and hygiene during Swachhata initiatives, AIIH&PH Bidhannagar, 1st to 15th September, 2022.

- Awareness on Food waste management and disposal during Swachhata initiatives, AIIH&PH Bidhannagar, 1st to 15th September, 2022.
- Workshop on Therapeutic diet for Diabetic person.
- Workshop on Therapeutic diet for elder person.
- Workshop on Therapeutic diet for pregnant women.
- National Nutrition Week Celebration, AIIH&PH Bidhannagar, 1st to 7th September 2022.
- Observance of World Diabetes Day, AIIH&PH Bidhannagar, 14th November 2022.
- Awareness program on diet of NCD, Urban Health Unit and Training Centre, Chetla, 26th November, 2022.
- Participation of the students in Nutrifiesta Kolkata organised by NSHM on 27th November , 2022.





Epidemiology

Introduction

The Department of Epidemiology was established along with the formation of the Institute in 1932. The Department is the First Institute/College having a separate Epidemiology Department in India.

The department has played significant role in the development of the discipline of epidemiology and of community health in broader sense. The department has been pioneer in carrying out General Health Survey in the population of its rural field practice area in Singur, Hooghly District, West Bengal. The department had been involved in identifying the problem of Arsenicosis as a major public health problem in the country. The department has been involved in carrying out many surveys. Lal RB, Roy SC had conducted investigation of epidemic dropsy in 1930. Work was done on chronic arsenic toxicity from drinking water from tube wells in rural West Bengal in 1980s. The Sonagachi Project launched in 1992 by the Dept. in Sonagachi red light area of Kolkata, has evolved into a multi-faceted community effort to empower sex workers (particularly women) in ways that go beyond HIV prevention. The Sonagachi Project has been identified as a World Health Organization (WHO) model.

The department has been the nodal department in monitoring and supervision of HIV sentinel surveillance in West Bengal and North Eastern States of India. It is also the nodal dept. for IDSP (TOT) and Field Epidemiology Training Program (FETP) in North Eastern States and West Bengal.

The Department practices epidemiology as a broad scientific discipline, addressing the occurrence of disease and the distribution of health status in populations. By integrating causal concepts at the molecular, cellular, clinical, and social-environmental levels, our faculty work to maintain an intellectual environment that facilitates the integration of biological, social, and analytic approaches. Within such an environment, faculty and students are able to develop the breadth of knowledge necessary to appreciate fully the complexities of the biosocial systems that we seek to understand and modify. The department strives to better understand the burden and causes of health problems in human populations and to make changes that decrease risk and improve health.

The Mission of the Department of Epidemiology at AIH&PH is to contribute to the reduction of the disease burden in human populations through research, education, and service. The research mission is met by study into the risk of disease associated with inherent, acquired, social, or environmental factors, and the development and application of methods to alleviate

that risk. These methods range from primary prevention through service provision to modification of social systems. Faculty and students pursue this research mission through research projects conducted both by individuals and by multi-disciplinary teams.

The educational mission includes the training of students to generate and interpret epidemiologic information, to synthesize it with other information, and to apply it to reduction of the disease burden. Graduates from the Department's research and training programs are prepared to develop their careers as independent researchers and health managers, and all Departmental graduates are prepared to take up leadership positions in public and private agencies involved with health care or research.

Teaching Activities

REGULAR COURSES CONDUCTED:

The department has introduced three years MD (MPH-Epidemiology) course from 2016, which is now a regular MCI recognised MD course of the institute.

REGULAR ACTIVITIES

- Departmental faculty take regular theory and practical classes as well as organize community based learning experiences to the Post Graduate students e.g. MD (MPH Epidemiology), MD (Community Medicine), MVPH, PGDPHM, DHPE, MSc (Applied Nutrition, MPH-MCH),DHS etc.
- The Department faculty guided and supervised the core course students in conducting Community Diagnosis survey, Risk Factors of Non Communicable Diseases at Singur, Hooghly. The departmental faculty also provided guidance and supervision in Family Care program of core course students in UHU&TC, Chetla Kolkata.

New Initiatives

1. Initiatives taken for under graduate (MBBS) teaching assignments of students of MD (MPH Epidemiology) course conducted by this department in State Medical Colleges.
2. Initiatives taken for considering the MD (MPH Epidemiology) degree as essential qualification for **selection/recruitment of all relevant "Public Health" posts/courses** esp. for i) Public Health Specialists/Epidemiologists ii) Senior Residency and subsequent Teaching Faculty (Assistant Professors onwards) positions in departments of Community Medicine/Public Health/ Preventive & Social medicine etc. and iii) Any existing DM course where MD(Community Medicine) is eligible.

Collaborations

- Department is conducting IDSP Training in collaboration with CSU IDSP.
- Attempted to host one Public Health Expert from USA (Dr. A. Mitra, Professor of Epidemiology; Director, SPH Global Health Initiatives for Southeast Asia and Western Pacific Regions Department of Epidemiology & Biostatistics School of Public Health, Jackson State University, Jackson, MS 39213) as part of ***Fulbright Scholarship program.***

Faculty



Dr. Sanjoy Kumar Sadhukhan
Director Professor & Head
M.D.

E-mail: sdksanjoy@gmail.com
Mobile No.: 9836287874
Area of expertise: Epidemiology,
Research methods, Programme
Evaluation, Biostatistics.



Dr. Dipak Pal
Director Professor &
Vigilance officer
M.D.
(Superannuated on
31.08.2022)

E-mail: drdipakpal@yahoo.co.in
Mobile No.: 9433187734
Area of expertise: Non Communicable Disease
Epidemiology, Disaster, Surveillance.



Dr. Manas Kumar Kundu
Public Health Specialist (SAG)
& Additional Director
DPH, MPH, PhD.
(2 days/Week)

E-mail: kundum2000@gmail.com
Mobile No.: 9474994630
Area of expertise: Surveillance, International
Health Regulation

Other Members

Designation	Number	Activities Performed
Stenographer	1	Secretarial Assistant
Lab. Attendant	1	Collection of Lab samples in the field & Supportive Service
MTS	1	Supportive Service

Publications

Article:

1. Bhattacharya S, Ray SS, Chakrabarti P, Sabui T, **Sadhukhan SK**, Bhattacharyya M. A study on high-dose dexamethasone versus prednisolone as frontline therapy in newly diagnosed immune thrombocytopenia in children. J Hematol Allied Sci 2021;1:111-7. [**Published on 19th April 2022**]
2. Adhikari K, Dutt D, Pal D, Hazra S. Stigma and its associated Factors among People Living with HIV/AIDS (PLHA) attending ART Centre in a Tertiary Care Institute in Kolkata. MAMC Journal of Medical Sciences 2022;8:62-9.
3. Bhattacharyya S, Dan A, Pal D. Variants of the Novel Coronavirus. Review article Published in Journal of Clinical Case Reports and Studies 2022;3(3) -104: 1-3 www.auctoresonline.org

Book Chapter

4. **Contributed to a Chapter “Prevention and Control of Parasitic Zoonoses” in the book “Textbook of parasitic zoonoses”: ISBN: 978-981-16-7204-0. Page 83-90.**
Sadhukhan, S.K. (2022). Prevention and Control of Parasitic Zoonoses. In: Parija, S.C., Chaudhury A. (eds) Textbook of parasitic zoonoses. Microbial Zoonoses. Springer, Singapore.
https://doi.org/10.1007/978-981-16-7204-0_9 (**Published 25-09-2022**)

Attendance/Presentations in Conferences:

- ✓ **In 49th Annual National Conference of Indian Association of Preventive & Social Medicine: (held in Nagpur, March 2022)**
 1. Dr. Subhrajeev Chakraborty [JR-MD(MPH Epidemiology)] Presented *e-poster* entitled "An assessment of Empowerment and its Influence on Dietary pattern & Nutrition, amongst tribal women in Sunderbans"
- ✓ **In 66th Annual National Conference of Indian Public Health Association (IPHACON), Pune, Maharashtra [held in September 22]**
 1. Dr. Subhrajeev Chakraborty [JR-MD(MPH Epidemiology)] Presented *paper* (Oral) entitled "Depression and its Associates amongst school going adolescents in Singur, a rural area of West Bengal "
 2. Dr. Neera Rawat [JR-MD(MPH Epidemiology)] Presented *paper* (Oral) entitled "Stress among School Teachers of Selected Private Schools in Howrah, West Bengal"
- ✓ **In 3rd Annual National Conference of Epidemiology Foundation of India (EFICON), Patna, Bihar [held in November 2022]**
 1. Dr. Subrata Halder [JR-MD(MPH Epidemiology)] Presented *paper* (Oral) entitled

'Depression, Anxiety and Stress during COVID-19 Pandemic among Health Care Workers in a Rural area of Hooghly District, West Bengal'

2. Dr. Neera Rawat [JR-MD(MPH Epidemiology)] Presented *paper* (Poster) entitled "Investigation of an Outbreak of Scabies in Hooghly district of West Bengal"
- ✓ **In 62nd State conference of Indian Public Health Association, West Bengal State Chapter, Kolkata [held in June 2022]**
 1. Dr. Mita Basu [JR-MD(MPH Epidemiology)] Presented *paper (Oral)* entitled "Illness perception and self-care practices amongst type II diabetic patients attending Health and Wellness Centres in a block of South 24 Parganas West Bengal"

Research Work

DR. SANJOY KR. SADHUKHAN ACTED AS A GUIDE IN THESIS WORK ON:

- A cross sectional study on depression and its associates amongst school going adolescents in Singur, A rural area of West Bengal- Dr Subhrajeet Chakraborty, MD (MPH Epidemiology) PGT, Session - 2019-22.
- A Community Based Cross-Sectional Study on Self Medication Practices among Adults in a Rural Community of Hooghly District, West Bengal, India-Dr. Subrata Halder, MD (MPH Epidemiology) PGT, Session – 2020-23.
- A Cross-Sectional Study on Asymptomatic Bacteriuria and Associated Factors among Pregnant Women in a Slum of Kolkata, India - Dr. Smita Dolui, MD (MPH Epidemiology) PGT, Session – 2020-23.
- A Comparative Study on Drug Compliance and Life Style among Adult Hypertensive patients visiting a rural and urban Health Center in West Bengal - Dr. Rajkumar Bhattacharya, MD (MPH Epidemiology) PGT, Session – 2020-23.
- Perceived Stress and Quality of life of Accredited Social Health Activists in South 24 Parganas Health District of West Bengal - Dr. Mita Basu, MD (MPH Epidemiology) PGT, Session - 2020-23.
- A Cross sectional study on under nutrition, developmental delay and their determinants among under-five children in a rural area of West Bengal. Dr. Nandu Krishna J, MD (MPH Epidemiology) PGT, Session – 2021-24.
- Health Related Quality of Life and its Associates among Chronic Kidney Disease Patients on Hemodialysis attending Dialysis Unit of a Hospital in Kolkata. Dr. Sayantan Manna, MD (MPH Epidemiology) PGT, Session – 2021-24.

- A Cross-Sectional Study on Chronic Pain and its Associates among the Elderly in a Rural Area of Hooghly District, West Bengal. Dr.Koustab Ghosh, MD (MPH Epidemiology) PGT, Session – 2021-24.
- Injuries sustained in Road Traffic Accidents and Associated Factors among the Admitted patients in a Tertiary Care Hospital of West Bengal.Dr.Mainak Mondal, MD (MPH Epidemiology) PGT, Session – 2021-24.
- Prevalence of Polycystic Ovarian Syndrome and its Risk factors among College Students in selected colleges of Calcutta University, Kolkata, West Bengal - Sukanya Paul, M.Sc Applied Nutrition PGT; Session 2019-21.
- A Cross Sectional study on Caffeine consumption and its Association with Stress, Anxiety and Insomnia among College Students in a Government Degree College, Tripura - Pratyusha Paul, M. Sc Applied Nutrition PGT; Session2020-22

Others:(guided/helped/assisted)

Outside AIH&PH

- Medical Co-morbidity, Drug Use and Medication Management Perspective among the Geriatric population: A study from an Urban Community of Kolkata by Dr. A. Sinha, NICED.
- Effectiveness of Health and Wellness Centers under Ayushman Bharat in reducing Out of pocket expenditures of Geriatric population: An ICMR Task Force study - by Dr. A. Sinha, NICED.
- Dementia Caregiver's Burden and its Associates: a Multicentre Study across Four sites in India - by Dr. A. Sinha, NICED.

DR. DIPAK PAL ACTED AS A GUIDE IN THESIS WORK ON:

- A community based study on sleep quality and its associates among adults in a rural area of Hooghly district, West Bengal – Dr Kuntal Pal, MD (MPH Epidemiology) PGT, Session - 2019-22.
- A Case Control Study of Maternal Near Miss at a Tertiary Level Care& Teaching Hospital, Kolkata - Dr. Ayon Maiti, MD (Community Medicine) PGT, Session - 2020-23.
- An Epidemiological Study on Hearing Loss with Special Emphasis on Noise Induced Hearing Loss among Printing Press Workers of Howrah Municipal Corporation, West Bengal - Dr. Neera Rawat, MD (MPH Epidemiology) PGT, Session -2020-23

- A Study to Assess the Awareness of Mothers Having Children Under 5 Years of Age about Food Product Labelling of Packed Food in An Urban Community, Howrah –Bonashree Mazumder, M.Sc (Applied Nutrition) PGT, Session – 2020-22

Short Studies completed till date:

1. A Cross Sectional Study on Oral Hygiene among Santhal Tribal Adults in a Village of Paschim Bardhaman, West Bengal
2. A cross-sectional study on prevalence of Post-Natal Depression and its associates among women in a rural community in Hooghly district, West Bengal.
3. Cross sectional study on prevalence of sleep hygiene, sleep quality and excessive day time sleepiness and factors affecting quality sleep among students of AIIH&PH, Kolkata.
4. Cross sectional study on e-waste management and practices among college students.
5. Internet addiction among undergraduate students of a college in a district of West Bengal.
6. Anaemia and its Determinants amongst Peri-Menopausal Women in a Rural Community of West Bengal.
7. Knowledge, Attitude and Practice related to Covid, amongst Primary level Health Care workers in a rural area of West Bengal.
8. Effect of Empowerment on Nutrition and Dietary Patterns amongst Tribal Women in a Village of Sunderbans, West Bengal.
9. A Study on Knowledge about Oral Cancer and its Attitude towards Tobacco use among Adults attending Tobacco Cessation Centre (TCC) in a District Hospital of West Bengal: An Institutional based Short Study.
10. Covid – 19 related Knowledge Attitude and Practice among adults in a rural area of Hooghly District, West Bengal, India.
11. Chronic low back pain and distress associated with it among adults in an Urban Slum of Kolkata, West Bengal.
12. Pattern of Skin diseases among patients attending OPD of Urban Primary health centre at Kolkata, West Bengal - A cross sectional study.
13. Determinants of Covid 19 Vaccine Hesitancy among adults in an Urban area of West Bengal- A cross sectional study

14. Depression, Anxiety and Stress during COVID-19 Pandemic among Health Care Workers in a Rural area of Hooghly District, West Bengal
15. Superficial Skin Infection and its Associated Factors Among OPD Patients in Rural Health Centres in Singur , Hooghly
16. Does Covid 19 affect IDSP Trends? An experience from a Primary Health Centre in West Bengal
17. Illness Perception and Self-care practices amongst type II Diabetic patients attending Health and Wellness Centres in a block of South 24 Parganas West Bengal
18. Cross sectional study on Awareness of Breast cancer and Perception of Breast self-examination among Nursing Students of a Tertiary Care Hospital in West Bengal, India
19. Investigation of an Outbreak of Scabies in Hooghly district of West Bengal
20. Stress among School Teachers of Selected Private Schools in Howrah, West Bengal
21. An Observational Study to Assess Awareness about Water Sanitation in a Rural Population of West Bengal
22. A Cross-sectional Study on Quality of Life among Post-Menopausal Women in a Rural Community of West Bengal

Seminars/Workshop/Training programs Attended

- **DR.SANJOY KR. SADHUKHAN DIRECTOR PROFESSOR & HEAD**
 1. World Congress on Adult Immunization (virtual) organized by Indian Society for Adult Immunization on 23-24th April 2020
 2. National webinar on "Sample size Made Easy - Diagnostic Accuracy studies" organized by AIIMS, Patna held on 14th June 2022.
 3. Conducted IDSP TOT at dept. from 4-8th July 2022
 4. Attended RBCW workshop at SCB Medical College, Cuttack (13-9-22 to 15-9-22)
- **DR. DIPAK PAL, DIRECTOR PROFESSOR**
 1. Conducted IDSP TOT at dept. from 4-8th July 2022

Membership of Committees

DR. S. K. SADHUKHAN, -DIRECTOR PROFESSOR & HEAD:

- Apron Committee
- Quarter Allotment.
- Screening for Appointment on Compassionate ground.
- Vehicle.
- IT Capacity Building.
- Medical & Public Health Education Unit
- Journal Management committee, IJH&PH including Asstt. Managing Editor & Editor.
- Techno-Commercial Committee
- Committee for implementing EWS reservation policy in Recruitment & Student admission.
- Institutional Ethics Committee.
- Member, Board of Studies, the WBUHS, Post graduate Medical Courses, AIIH&PH, Kolkata.

DR. D. PAL, DIRECTOR-PROFESSOR:

- Member, Expert Committee on Medical sciences including Public Health related to Research & Development projects under the Department of Science & Technology and Biotechnology, Govt. of West Bengal.
- Member, Institutional Ethics Committee of Institute of Development Studies Kolkata, Salt Lake.
- Chairman, Preventive Vigilance Committee, AIIH&PH, Kolkata
- Member, Screening Committee for Purchase, AIIH&PH, Kolkata;
- Member, Welfare Committee for appointment on Compassionate ground, AIIH&PH, Kolkata;
- Member, Board of Studies, the WBUHS, Post graduate Medical Courses, AIIH&PH, Kolkata.

Examiners:

DR. S. K. SADHUKHAN, DIRECTOR PROFESSOR & HEAD ACTED AS

- Paper Setter for MSc Applied Nutrition, Dip-diet & MD (MPH-Epidemiology) Examinations of WBUHS.
- Internal Examiner & Convener for MD (MPH-Epidemiology) examination of WBUHS (May-June & September 2022).

- Internal Examiner for MD (Community Medicine) Examination in BSMC Bankura (May-June 2022)

DR. DIPAK PAL, DIRECTOR-PROFESSOR ACTED AS:

- Paper setter and Internal Examiner of MD (MPH Epidemiology) Examination, (May-June 2022) of the West Bengal University of Health Sciences.
- Adjudicator of dissertations of MD (Community Medicine) of the West Bengal University of Health Sciences.

Field Activities/Programmes Undertaken:

- MD (MPH Epidemiology) students of the session 2020-23 conducted Health Situational Analysis, Secondary Data Analysis, National Health Programme Evaluation and Surveillance System Evaluation in districts of 24 Parganas(North), 24 Parganas (South), Howrah and Hooghly.
- Dept. coordinated Community Diagnosis Survey, Risk Factors of Non Communicable Diseases at Singur, Hooghly.

Meetings attended

Administrative Responsibilities

• **Dr S. K. Sadhukhan**

- Nodal Officer for
 - MCI-DMMP project I & II
 - National Identification Number project
- Holding additional charge of Dept. of Sanitary Engineering
- Reporting officer for official email creation in AIH&PH
- Editorial Board member of Journal of Comprehensive Health

• **Dr. Dipak Pal**

- Acted as Vigilance Officer of AIH&PH, Kolkata and Office of the Asst. Drugs Controller (I), Kolkata.



Group Photo of trainees, faculty members in IDSP TOT (4-8th July 2022)



Group activities by trainees; IDSP TOT(4-8th July 2022)

Health Promotion & Education

Introduction

Health Education is a process which affects changes in health behaviour of people. The training in Health Education at post graduate level is directed to study and understand various factors involved in the process of imparting knowledge and changing attitude and behaviour of the people so as to promote health. It is an integral part of the institute and actively involved in teaching and training activities in the field of health education and promotion; specially the techniques and methods of assessing health needs, educational needs and planning for changing undesirable health behaviour to different post graduate courses run by the institute. Since 1966 the department is conducting a Diploma course in Health Education and has produced more than 1202 trained manpower in Health Promotion and Education.

Teaching Activities

Regular Course(s) Conducted:

- Diploma in Health Promotion and Education – a one year post graduate course for developing Health Promotion and Education Specialists. The course has an intake capacity of 46 and is affiliated to the West Bengal University of Health Sciences.

New Initiatives

- Master of Public Health (Health Promotion) was started for session 2022-24

Faculty



Dr. C. S Taklikar
Prof. & HoD
MBBS,MD

E-mail: takilkarcs.aiihph@gov.in

Mobile No.: 9230278846

Area of Expertise: Health Promotion,
Health Education, Nutrition Education.

Dr. Madhumita Dobe, Director-Professor and Ex-Dean superannuated on 31.01.2022



Dr.Raghvendra A H
Assistant Professor
M.B.B.S , MD
(Joined on

28.11.2022)

E-mail:ragsmmc@gmail.com

Mobile No.:9999433065

Area of Expertise:Epidemiology,
Health Education

Other Members

Designation	Number	Activities Performed
Photographer	1 - Vacant	Photography (Retired in Aug-2017)
Stenographer	1	Secretarial Assistance
Cine-Technician	2 - Vacant	Arrangement of IEC material, OHP etc. in the classrooms.
MTS	2*	Support Service

*Erstwhile one Carpenter & one Peon.

Publications

- Dobe, M., Sahu, M., Taklikar, C. and Dutta, S. (2022) "A study on risk perception, cognitive awareness and emotional responses to identify unmet training needs of frontline health care workers for COVID-19 containment in India", South Eastern European Journal of Public Health (SEEJPH). doi: 10.11576/seejph-5976.
- Jha SS, Dobe M, Taklikar C, Lahiri A. Perceived behavioral control regarding regular physical activity and healthy diet: An observational study among school-going adolescents in an urban area of West Bengal, India. J Edu Health Promot 2022;11:261
- S Sembiah, A Dasgupta, CS Taklikar, B Paul, L Bandyopadhyay, Gender inequalities in prevalence, pattern and predictors of multimorbidity among geriatric population in rural West Bengal Journal of Family Medicine and Primary Care 2022 11 (8), 4555-4561
- Yadav A, Dobe M, Paul B, Taklikar C. A cross-sectional study on assessment of perceived threat to cervical cancer using health belief model among women in a slum area of Kolkata. J Educ Health Promot. 2022 Apr 28;11:124. doi: 10.4103/jehp.jehp_392_21. PMID: 35677260; PMCID: PMC9170203.

Training program

- "Mixed Method Research" at Gandhi Medical College, Bhopal, Collaboration with Department of PSM 4-5 April, 2022
- Webinar One "Health Perspective on Emerging Public Health Threats the way Forward" on 20 Jan, 2022

Research Work

- A Community Based Study on Health Literacy and its Associates among Adults in a Rural Area of Hooghly District, West Bengal.
- A Cross-sectional Study on Health Status and Health Seeking Behaviour of School-going Adolescents in a Rural Area of Hooghly District, West Bengal
- A Study on Health Care Utilization & Out of Pocket Expenditure During Covid-19 Pandemic Among Households in an Urban and Rural Area of West Bengal
- A study on Knowledge and practices regarding used cooking oil among street food vendors of a selected area of Kolkata city.

Conference/Workshop/Seminars attended)

DR. C. S TAKLIKAR

- RBCW workshop for standalone - PG institutions to be held at RC, SCB Medical College, Cuttack from 13-15th Sep, 2022
- National trainers training on “Mothers Absolute Affection” in May-June, 2022 at AIIH&PH.

Committees

DR. C. S TAKLIKAR

- Vigilance Officer
- Member Secretary/Nodal Officer:
 1. Recruitment committee
 2. Head –Social network
 3. Board of Studies Non-MCI courses
 4. Nodal Officer for AI 50 % Quota PG counselling
 5. OBC reservation review committee
- Member:
 1. Cadre review committee
 2. Canteen committee
 3. Hostel Canteen committee
 4. DSC & MACP committee
 5. Faculty council
 6. Scientific committee
 7. Academic cell
 8. Medical & Public Health Education Unit
 9. IJHPH editorial board member

10. BOS of MCI courses
11. Public Health & Medical Education Unit
12. Institutional Ethics committee
13. Classroom Renovation committee

Examiners

- Dr. C.S Taklikar acted as paper setter and Examiner for DHPE University examination 2022
- Dr. C. S Taklikar acted as paper setter and examiner for Dip. Diet and DHS examination 2022

Field Training

Supervised field training for DHPE session 2020-21 and 2021-2022 in was conducted in the month of March-April, 2022.

Maternal & Child Health

Introduction

All India Institute of Hygiene & Public Health, Kolkata was established in 1932 with four sections, namely – Public Health Administration, Malariology & Rural Hygiene, Vital statistics & Epidemiology and Biochemistry & Nutrition. Soon after the inception of the institute – the Countess of Dufferin Fund, which had been working for the development of medical care of women & children, felt the need of developing and expanding the preventive & promotive aspects in the field of Public Health and accordingly the fifth section of the Institute in the name of “Maternal & Child Health” was created.

The Department of Maternal and Child Health is concerned with Teaching, Training, and Research and for delivery of Services for Mothers, Children and Adolescents within the framework of general and reproductive health services. Emphasis is given on teaching & training for the delivery of health services through integration of preventive, promotive, clinical and managerial skills. Obstetric and Paediatric wards and Adolescent health clinic of the neighbouring Medical Colleges and the Urban and the Rural Health Centres of AIIPH&PH, Kolkata are extensively used for the practical / field-based hands-on-training in reproductive and child health, adolescent health and family welfare. The research activities of the department primarily focused on reproductive health, safe motherhood, child growth and development & health problems, adolescent health and various aspects of family welfare.

In 1933, Diploma in Maternity and Child Welfare (DMCW) - postgraduate diploma course was started under “Faculty of Tropical Medicine and Hygiene” to equip women doctors in administrative and other service positions. Later on, in the year 1946 – 47, this post-graduate course was affiliated to University of Calcutta and it was made open to both male & female medical graduates. At present the two-years - post-graduate Diploma in Maternity and Child Welfare (DMCW), a MCI recognized course is affiliated to West Bengal University of Health Sciences (WBUHS). This Post-graduate course equips the medical graduates for administrative, clinical service & teaching positions and also to act as public health specialists and health care providers in different aspects of Maternal and Child Health / Reproductive and Child Health in Govt. health services, teaching or non-teaching hospitals, health care delivery systems, non-government organizations etc. Since inception, a total of 990 doctors have been trained in DMCW.

Teaching Activities

Regular Courses Conducted:

1. The department used to conduct DMCW (Diploma in Maternity and Child Welfare) course for MBBS graduates which is a two years PG Diploma Course affiliated to WBUHS and recognised by MCI. Admission of students to this course has been stopped since academic session 2013-14 due to some issues with MCI. The matter is still under consideration.
2. The department introduced a full time regular new post graduate course in the name of M.Sc. in Public Health (MCH) – a two year non-MCI recognised P.G. course for medical/paramedical graduates. This course is affiliation from the West Bengal University of Health Science.

Regular Activities

- Teaching and training on MCH/RCH/Family Welfare/related issues imparted to all categories of public health students of all courses of AIH&PH.
- Providing supervision and guidance in curricular research studies conducted by students of different post graduate courses.
- Supervising/guiding students for the urban and rural field programs like "Family care program" at UHU&TC, Chetla and "Community Diagnosis Program" at RHUTC, Singur.
- Participating in conducting examinations of different PG courses.
- Conducting Adolescent Health Clinic (fortnightly) at UHU & TC, Chetla.
- The faculty members of this deptt. are involved in a number of different major administrative committees of this Institute.

Faculty



Dr. A. K. Mallick
Director-Professor & HOD
M.B.B.S., M.D.(SPM)

Area of expertise:

Health System
Management and
leadership, HRD, VBDs,
Health Promotion &
Education, Health
education & BCC,

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9433464500



Dr. R. N. Sinha
 Director-Professor
 M.B.B.S., D.C.H., M.D.(S.P.M.)
 Retired on August 2022

Adolescent health
 &Demography.

Area of expertise: rabinranathsinha57@gmail.com
 RCH/ MCH, Research
 Methodology,
 Nutrition, Adolescent
 Health

Area of expertise:



Dr. Madhumita
 Bhattacharya
 Professor, Paeds(eq)/
 CMO,NFSG
 MBBS, DMCW, DCH, MD
 (Pediatrics)

Community
 Paediatrics, Child
 Health & Nutrition,
 Neonatal Care &
 Resuscitation,
 Adolescent Health,
 School Health.

madhumita57@yahoo.co.in
 85840 57420

Other Members

Designation	Number	Activities Performed
Stenographer	1	Secretarial Assistance
MTS	1	Support Service

Publications

1. Halder R, Paul B, Bandyopadhyay L, Bhattacharya M, Das R, Banerjee A. Awareness Regarding Gestational Diabetes Mellitus among Antenatal Women of Rural West Bengal: A Mixed-method Study. Healthline. 2022; 13(1): 22-30.
2. Bag NI, Sahu M, Paul B, Das R, Bandyopadhyay L, Bhattacharyya M, et al. Knowledge, Attitude and Level of Involvement of Married Males in Family Planning. Kathmandu Univ Med J. 2022;78(3):128-35
3. Maity CS, Paul B, Banerjee A, Bandyopadhyay L, Bhattacharyya M, Sahu M. Perception and Practices Regarding Rabies among Animal Bite Victims: A Cross-sectional Study in a Rural Area of West Bengal. APCRI journal. 2022; 23 (2): 11-19.

Research Work

Dr. A. K. Mallick, Director Professor acted as guide to the following curricular research study:

- A study on Morbidity Profile and Health seeking Behaviour among Female Beedi Rollers in selected rural area of south 24 parganas, West Bengal – MD Community Medicine course
- A study on Perceptions regarding Infant and Young Child Feeding practices using health belief model in a rural area of Hooghly district , West Bengal- MD Community Medicine course
- Health related quality of life among Chronic Obstructive Pulmonary Disease Patients attending in a Tertiary Care Hospital in Kolkata- MD Community Medicine course
- .Evaluation of Telemedicine program in Rampurhat Health district, West Bengal- PGDPHM course
- An Epidemiological study on double burden of Malnutrition among Mother Child Dyads in a rural area of Hooghly District (Thesis for MD, CM- 2020-23 session)
- A comparative study on Knowledge, attitude and Practice of college going women regarding common Cancer affecting Females in a rural and urban area of West Bengal.(Thesis for MD, CM- 2020-23 session)
- A Study on eating disorders and co morbidities among Adolescent girls in Kolkata, West Bengal (M.Sc. App. Nutrition Session 2020-2022).

Dr. R. N. Sinha, Director Professor acted/acting as supervisor-cum-guide to the following curricular research-

- "Health Related Quality of life of Women having Polycystic Ovarian Syndrome attending a tertiary care Hospital in Kolkata [M.D. (Com Med) thesis 2020-23].
- "A Community Based Study on Infant and Young Child Feeding Practices in a Rural Area of Hooghly District, West Bengal." [M.D. (Com Med) thesis 2020-23].
- "A Study on Delays and Cancer Related Distress among Breast Cancer Patients Attending a Tertiary Care Hospital, Kolkata, West Bengal" [MD (Com Med) thesis 2019-22]

Dr. Madhumita Bhattacharyya, Professor acted as guide and co-guide for following curricular research-

- As a guide "A study on knowledge and practices regarding breastfeeding among mothers having children aged 6 months to 24 months of age in Singur area of west Bengal M.Sc. (Applied Nutrition 2022-2024).

- Co-guide for the thesis "A study on perceptions regarding infant and young child feeding practices using health belief model in a rural area of Hooghly District, West Bengal." MD (Community Medicine, session 2021-24)
- Co-guide for the thesis "A study on Anaemia among elderly in a rural area of Singur and selected slum areas of Kolkata." MD (Community Medicine, session 2021-24)
- Co-guide for the thesis "A cross sectional study on distress and coping among caregivers of cancer patients attending oncology department of a tertiary care hospital, Kolkata" MD (Community Medicine, session 2021-24)
- Co-guide for the thesis "A community based study of unintentional injuries among the elderly residing in a rural area of Hooghly district of West Bengal" MD (Community Medicine, session 2021-24)
- Co-guide for the thesis "A community based study on multi morbidity and its associated factors among adults aged 45 years and above in a rural area of Hooghly district of West Bengal." MD (Community Medicine, session 2021-24)
- Co-guide for thesis "A Cross-sectional study on Health Status and Health Seeking Behaviour of School going Adolescents in a rural Area of Hooghly District, West Bengal.MD (Community Medicine, session 2020-23)
- Co-guide for thesison "A Cross-sectional Study on Morbidity Profile of Printing Press Workers in a municipality of North 24 Parganas, West Bengal, MD (Community Medicine, session 2020-23)
- Co-guide for thesis on "A Study on Burden of Malaria Infection and Household Level Risk in Urban and Rural Area of West Bengal MD (Community Medicine, session 2020-23)
- Co-guide for thesis on "A study on morbidity and Health seeking behaviour among the Zari Embroidery workers in a rural Community of Howrah district West Bengal" MD(Community Medicine, session 2020-23)

Conference/Workshop/Seminars attended

- Attended IAP State conference December 2021
- Attended Vaccicon -national conference on vaccinology March 2022
- Attended workshop for e-office on August 2022

Membership of Committees

Director-Prof. A.K.Mallick acted as:

- Chairman , DPC/MACP committee
- Chairman, Reservation Cell of the Institute;
- Chairman, Committee for Written examination for Recruitment
- Chairman, Committee for implementation of EWS scheme.
- Chairman, Suggestion Committee for SC, ST & OBC students.
- Chairman, TEC
- Member Secretary , Institutional Ethics Committee of AIIH&PH, Kolkata;
- Member Secretary , Board of Studies for MCI recognized courses of AIIH & PH;
- Liaison Officer of AIIH&PH, Kolkata;
- Liaison Officer for PWD of AIIH&PH, Kolkata;
- Nodal Officer for the Institute for All India Survey on Higher Education (AISHE);
- Member, Scientific Advisory Committee and Academic Cell, AIIH&PH;
- Nodal officer for PG Admission of State quota;
- Member, Faculty Council.
- Member of several other Committees of the Institute;
- Additional charge of HOD of the Department of PHN

Dr. Madhumita Bhattacharyya acted as

- Member- Secretary, Sexual Harassment Committee, AIIH&PH, Kolkata;
- Chairman of Institute Canteen Committee
- Chairman of E-hrms committee
- Purchaser of Institute store
- Chairman of Refreshment committee ,Foundation Day
- Member of Swacchata Committee of the Institute

Guest Lectures Delivered:

Dr Madhumita Bhattacharyya-

- Invited as a speaker in a seminar on the occasion of International Women's Day at 8.3.2022
- Invited as a speaker on Immunology Day -29.04.2022 to speak about "Adolescents vaccine"
- Invited as speaker in Diabetic day at RHUTC ,Singur on 14 .11.2022 to speak about Childhood Diabetes for ASHAs
- Invited as a speaker at Indian Institute of Training to speak about Vaccines and common childhood diseases in the August and September 2022

Examiners

Dr. A. K. Mallick, Director-Professor, acted as **Examiners**

- Paper Setter for DHPE examination under WBUHS.
- Examiner, DHPE examination, WBUHS
- Adjudicator of three Thesis papers under WBUH

Training received

- Dr A. K. Mallick, Dr Rabindra Nath Sinha received MAA training as national trainer 23rd May to 6th June 2022.
- Dr M Bhattacharyya received training on e-office on 22.08.22

Training conducted by the Department

- The department conducted a seven day training on MAA for the Middle level trainers from four North Eastern States of India during 23/11/2022 – 30/11/2022
- The department conducted Swacchata program on IYCF at UHU&TC on 14th September 2022

Other Activities:

- Dr Madhumita Bhattacharyya acted as an executive member of IMA, Behala branch
- Dr. Madhumita Bhattacharyya is conducting Adolescent clinic at UHU&TC

Additional Responsibility:

Dr. Madhumita Bhattacharyya acted as:

- ✓ Purchaser Stores
- ✓ Acting as chairman of Scrutiny Committee for staff recruitment.



MAA training program 23.11.22-30.11.22



On Swachata Program about IYCF on 14.9.2022

Microbiology

Introduction

The Department of Microbiology of All India Institute of Hygiene & Public Health, Kolkata is concerned with the study of fundamental Microbiology related to Public Health and Infectious diseases.

It is probably the First Institute/College having a separate Microbiology Section in India. It was established in the year 1932 during British Era. Prof. K.V. Krishnan was the First Head of the Department.

The department is involved in teaching Medical Microbiology to all courses run in the Institute. Department conducts two-year Post graduate course under the University of Calcutta - Master of Veterinary Public Health (MVPH). The department is involved in teaching, training & research activities including the guidance & supervision of dissertation work of the P.G. students of the department and other departments. The department is a recognized centre for testing the bacteriological quality of drinking water. The department is also a recognized centre for "Yellow Fever Vaccination" to the travellers visiting to Yellow Fever endemic countries.

Teaching Activities

Regular Courses Conducted:

- The department runs a P.G course namely Master of Veterinary Public Health (MVPH) affiliated under the University of Calcutta.

Regular Activities

- Involved in taking the classes of all the courses run by the Institute. The department also takes practical demonstrations of the different courses allotted to the department.
- Yellow Fever Vaccination was given to 1654 International Travelers visiting to Yellow Fever Endemic Countries.
- 128 water samples were tested for potability by the Water Bacteriology Section of the Department.
- Seminars in different topics especially related with "One Health" concept are held regularly in the department.
- A lot of different types of Culture Media of different categories had been prepared and utilized during the period of reporting and research of students. The Washing

Room and Sterilization Room are intimately associated with the preparation of these media.

Faculty



Dr. Atul Raj
Associate Professor & HOD
MBBS, MD (Microbiology)

E-mail: dratul09@gmail.com
Mobile No.: 91632 27575 / 033-2335 3232
Area of expertise: Bacteriology



Dr. Amit Banik
Associate Professor
MBBS, MD(Microbiology),
DNB, MNAMS

E-mail: dramitbanik@gmail.com
Mobile No.: 94021 95476 / 033-2335 9858
Area of expertise: Bacteriology



Dr. Sayan Bhattacharyya
Associate Professor
MBBS, MD (Microbiology)

E-mail: sayanda7@outlook.com
Mobile No.: 94324 88669 / 033-2335 9556
Area of expertise: Bacteriology, public health
microbiology and Mycology.

Research activities

1. Sero-prevalence of anti-rabies antibodies in street and household dogs in Kolkata, India.
2. Detection, Isolation, Identification and antibacterial Resistance Pattern of *Aeromonas* spp., *Vibrio* spp. and Pathogenic Organisms from Fresh and Saltwater Fish Gut and Gill Samples.
3. Detection of pathogenic aerobic and anaerobic bacteria with respect to virulence factors and antibiogram from inner and outer surface of egg shell of hens and ducks with special reference to *Salmonella enterica* and *Clostridium perfringens*.
4. Isolation and identification of pathogenic Fungi and Spore bearing Bacteria from poultry feathers and commercial Feathers.
5. Studies on Immunogenicity of a Combined Next Generation OMV-Based Immunogen to Reduce Non-Typhoidal Salmonella and Campylobacter Mediated Health Burden.

Publications

1. Bhattacharyya S, Das C. Foodborne infections and food safety. Eastern J Med Sci. 2022: August 23: Epub ahead of print.
2. Bhattacharyya S. The Oral Microbiome in Children. Inter Ped Dent Open Acc J 8(1)- 2022. IPDOAJ.MS.ID.000278. DOI: 10.32474/IPDOAJ.2022.07.000278.
3. Bhattacharyya S. Laboratory diagnostic methods for medically important fungi. IP International Journal of Medical Microbiology and Tropical Diseases 2022;8(3):179–182.
4. Bhattacharyya S. Monkeypox Infections. Biomed J Sci & Tech Res | BJSTR. MS.ID.007186: 36368-69.
5. Bhattacharyya S, Kumar R. XE variant of the novel coronavirus. Indian J Microbiol Res 2022;9(2):92–94.
6. Bhattacharyya S. Vincent's Angina. Int Ped Dent Open Access J 2022;7(4):674-76.
7. Dighe P, Ruchi, Bhattacharyya S, Raj A, Banik A, Chattopadhyay UK. Assessment of airborne fungi from animal establishments in and around Kolkata, West Bengal. Eastern J Med Sci. 2022;7(1):18-22. DOI: 10.32677/ejms.v7i1.3245.
8. Bhattacharyya S, Raj A, Chattopadhyay UK, Banik A. Genetic Evolution of the Novel Coronavirus. ClinPathol Res J 2022 DOI: 10.23880/cprj-16000143.
9. Bhattacharyya S, Dan A, Pal D. (2022) Variants of the Novel Coronavirus Journal of Clinical Case Reports and Studies 3(3); DOI: 10.31579/2690- 8808/104.
10. Bhattacharyya S, Mevada Y, Kumar R. COVID-19 and One Health. RFP Indian J Hosp Infect 2021;3(1):17-19.
11. Thorat T, Ashokkumar S, Bhattacharyya S, Mahalakshmi V, Banik A, Raj A, Chattopadhyay UK. Experience of Covid-19 Patients - A Qualitative Case Study from Different Regions of India . RFP Indian J Hosp Infect 2021.
12. Y.Mewada, C.Debnath, AK Parmanik, A Raj et al on "Biofilm formation by zoonotic dermatophytes" accepted in Indian Journal of animal health for online publication in special publication.

Other Special Activities Performed:

Organized National Conference of Indian Academy of Tropical Parasitology

- All our three-department faculty who are holding the prominent positions in the society of "Indian Academy of Tropical Parasitology, West Bengal Chapter", actively organized national conference "**TROPACON 2022**" in collaboration with the Calcutta School of Tropical Medicine, Kolkata from 21st – 24th September 2022.

- The conference was a congregation of medical & veterinary Parasitologists from all over the world including speakers from abroad as well as speakers from places of national eminence like Sri Balajee Vidyapeeth (Pondicherry), PGIMER Chandigarh, AIIMS New Delhi and AIIMS from all other states, BHU Varanasi, ICMR Dibrugarh, NICODE Kolkata, IVRI Kolkata, JIPMER Pondicherry, Madras Medical College, Manipal institute of Med. Sc and Government institutes from Kerala, Mumbai and from all over India.

IMMUNOLOGY DAY CELEBRATED

- The department organized “The World Immunology Day” event on 29th April, 2022, the intent is to disseminate information about vaccines for preventing infectious diseases, their clinical uses and adverse effects, use for boosting immunity and keep away virus- mediated cancers, and also to realize the significance of World Immunology Day.
- The Scope of the program was to spread awareness about existing vaccines like COVID vaccines and other vaccines and their types with mechanisms of action, and interplay with immune system, targeting mainly the high school and college level students. We involved school and college level teachers and educationists as speakers in this event.
- Dr. Sayan Bhattacharyya spoke virtually as invited speaker for many online conferences like EGCCC, WCID and others in June, September and October, 2022.
- Prof. Atul Raj & Dr. Amit Banik attended the Revised Basic Course Workshop (RBCW) at SCB Medical College, Cuttack, Odisha from 18-20 Oct 2022
- Prof. Atul Raj, Attended the Pre-conference CME on Neglected Tropical Diseases: Challenges to Beat at MICROCON 2022 on 24th November 2022.
- Prof. Atul Raj, Attended the MICROCON 2022, 45TH Annual Conference of Indian Association of Medical Microbiologists from 25th - 27th November, 2022.
- Dr. Amit Banik conducted Swachhta Pakhwada week in the month of April 2022.
- Dr. Sayan Bhattacharyya spoke as invited speaker on AMR on the occasion of World Antibiotic awareness week on 24th November 2022, physically as well as virtually.



Water bacteriology testing



Yellow fever vaccination



Bacteriology laboratory

Occupational Health

Introduction

After independence scarcity of trained manpower in the field of Occupational and Industrial Health was felt. To fill in this vacuum the Department was established in the year 1949 and DIH (Diploma in Industrial Health) was started in the Institute in the year 1951. Since then AIIH&PH has been continuously supplying well trained, knowledgeable and competent medical officers to Indian industries.

Today medical doctors with DIH qualifications from AIIH&PH are doing excellent work in innumerable industries: large and small, public and private, coal, cement, mines, oil exploration, paint, ports, air-ports, mines, nuclear establishments, railways etc. Our students get excellent jobs in various industries in this country.

Teaching Activities

REGULAR ACTIVITIES

- Faculty of this department is continuously involved in teaching and field training of students of all regular courses conducted by the Institute (viz.- M.D., D.H.S., D.H.P.E., MD-M.P.H (Epidemiology), P.G.D.P.H.M., MSc (HPE) and MSc (MCH), Dip.Diet. and M.Sc.-Applied Nutrition courses)
- Staff members from this department are included in various academic and administrative committees of this Institute.

New Initiatives

- Proposal to launch a new course- Associate Fellow Industrial Health (AFIH) under DGFASLI sent to DGHS for approval
- Initiative to fill up one vacant post of Assistant Professor, Industrial Hygiene on contractual basis undertaken.

Faculty



Dr. Bobby Paul (Acting HOD of OH Dept. from 04.01.2022 till Date)

Professor and Head (Acting)

MD (CM), DCH

E-mail: drbobbypaul@gmail.com

Mobile No.: 9830046821

Area of expertise: Bioethics, Non communicable diseases, public health emergency management and Research methodology



Dr. Alok Vajpayee

Director-Professor (Retired on 30.09.2022)

MD (PSM)

E mail: dralokvajpayee@hotmail.com

Mobile No. :9836042391

Area of Expertise: Epidemiology, Occupational Health.



Dr. Nandini Bhattacharyya

Chief Medical Officer

MBBS, DIH

E mail: nbhattacharyya640@gmail.com

Mobile No. :9143036926

Area of Expertise: Occupational Health

Other Members

Designation	Number	Activities Performed
Technician (Mr Pradip Roy)	1	Laboratory service and assisting educational programmes
Stenographer (Ms Chhaya Chandra)	1	Secretarial Assistance
MTS (Mr KrishnenduBarua)	1	Support Service

Membership of Committees

- **DR BOBBY PAUL**(activitiescovered under PSM department)
- **DR.NANDINI BHATTACHARYYA**
 - Acts as Ladies Hostel Warden and Library-in-charge
 - Nodal officer of Swachhta monitoring cell
 - Member-Secretary of Preventive vigilance committee, Canteen committee and Computer committee.
 - Member of another eleven committee including Internal complaint committee (Sexual harassment) etc.

Preventive and Social Medicine

Introduction

The Department of Preventive and Social Medicine was established in 1973 with the objective of developing skilled and motivated workforce in the public health services including training of trainers and course facilitators for planning, organization and evaluation of national health programmes. Thus, ever since the days of its foundation, the department has been addressing a wide range of issues on Public Health by its multi-disciplinary functions in the form of research, education and training interventions.

Teaching Activities

Regular Courses Conducted:

- MD (CM) Three-year full-time course recognized by NMC and affiliated to WBUHS.
 - Intake capacity of the MD (CM) course - 20 seats
- Classes taken for six (06) other courses i.e. DHPE, DHS, MVPH, SHI, M. Sc (MCH) & M. Sc (HPE)

Other Regular Activities

- Seminar/ Short Study presentation/ Journal Club/Focus Group Discussion/ Field Activities/Family Care presentations etc. are undertaken as part of curricular activities for MD (CM) students.

New Initiatives

- Department of PSM has initiated the process of establishment of a Nodal Centre for Neglected Tropical Diseases Training and Research by upgrading RLTRI, Gouripur, Bankura and its HOD has been nominated as its Nodal Officer.
- PSM Department has also initiated the process of looking into the feasibility of co-location of all public health units of Dte. General of Health Services, Government of India situated in/ around Kolkata and its HOD has been designated as a Member of this Committee.
- PSM Department has also been made the Nodal Department for training District level officials from six Eastern States for preparedness for Public Health Emergencies and a MOU has been signed between AIIHPH and MoHFW in this regard and Prof. Bobby Paul has been designated as the Nodal Officer. Faculty of

PSM, HPE & Microbiology under chairmanship of HOD PSM shall also be preparing seven Training Modules for MoHFW for this course commencing from April 2023.

- PSM and HPE department have jointly with NOTTO New Delhi initiated the development of Training Module for a new six-month Certificate Course for Organ Transplantation Coordinators.
- PSM Department has also initiated the process of collaboration with ECHO India, a not-for-profit developmental partner of many Central/ State Government agencies, with specialization in delivering training through digital/ online platforms and its monitoring.
- Under the initiative of HOD PSM in his capacity as committee member, the CGHS Bidhan Sarani Wellness Centre could be shifted to AIIHPH Girls Hostel Building, and has started functioning there.
- Department of PSM has also initiated the process of collaborating with National Health Systems Resource Centre, the think tank of MoHFW, Government of India, with the first round of meeting between the Executive Director of NHSRC and HOD PSM and Director AIIHPH having already been held.
- Information Booklet on Elderly Care in English and Bengali was published by the Department and e-Booklet is available at www.aiihph.gov.in
- Certificate Course in Public Health – Proposal sent to DGHS
- Participation of faculties of Dept of PSM in Pandemic Preparedness Partnership Program conducted by ICMR from March to August 2022.
- Junior Residents (18) from the Department of PSM participated in District Residency Programme for the first time in collaboration with Government of West Bengal for 3 months.

Faculty



Dr. Ranjan Das
Director Professor
& HOD
MBBS, MD (CM),
CEpid

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Mobile No.: 9311188920

Area of expertise: Applied

Nutrition, Biostatistics, Epidemiology &
Research Methodology



Dr Lina
Bandyopadhyay
Advisor Public
Health (SAG)
Professor (Eq)
MBBS, DPH, MD
(CM)

E-mail: sulins81@gmail.com

Mobile No.: 9830020149

Area of expertise: Public Health



Dr. Bobby Paul
Professor
MBBS, DCH, MD (CM)

E-mail: drbobbypaul@gmail.com

Mobile No.: 9830046821

Area of expertise: Bioethics, Non communicable diseases,
public health emergency management and Research
methodology



Dr Madhumita Bhattacharyya
Professor(Eq)/
CMO
MD(Paed), DCH, DMCW
(On deputation in PSM dept)

E-mail: madhumita57@yahoo.co.in

Mobile No.: 9830134419

Area of expertise: Child Health



DrMonalishaSahu
Asst. Professor
MBBS, MD (CM)

E-mail: drmonalisha@outlook.com

Mobile No.: 9873927966

Area of expertise: MIYCN, Indigenous Health, Environmental health & Geriatric Health,

Other Members

Post/Category	Number	Activities performed
Stenographer (Sh.PB Patra)	1	Secretarial Assistance
Museum Curator (Smt. Gouri Dutta)	1	Museum – Curator
MTS (Sh. Anil Kr. Balmiki)	1	Support Service

Publications

1. Halder R, Paul B, Bandyopadhyay L, Bhattacharya M, Das R, Banerjee A. Awareness Regarding Gestational Diabetes Mellitus among Antenatal Women of Rural West Bengal: A Mixed-method Study. Healthline. 2022; 13(1): 22-30.
2. Bag NI, Sahu M, Paul B, Das R, Bandyopadhyay L, Bhattacharyya M, et al. Knowledge, Attitude and Level of Involvement of Married Males in Family Planning. Kathmandu Univ Med J. 2022;78(3):128-35
3. Maity CS, Paul B, Banerjee A, Bandyopadhyay L, Bhattacharyya M, Sahu M. Perception and Practices Regarding Rabies among Animal Bite Victims: A Cross-sectional Study in a Rural Area of West Bengal. APCRI journal. 2022; 23 (2): 11-19.

4. Das A, Chattopadhyay B, Paul B, Bandyopadhyay L, Bhattacharyya M. COVID-appropriate facemask use: A study among patients attending outpatient Departments of a Public Health Institute in West Bengal. *J Edu Health Promot* 2022;11:108
5. Chattopadhyay B, Paul B, Bandyopadhyay L, et al. Nutritional Status and Intra-household Food Distribution Among Reproductive-Age-Group Women in a Slum Area of Hooghly District, West Bengal: A Mixed-Methods Approach. *Cureus* 14(4): e24225. doi:10.7759/cureus.24225
6. Jha SS, Paul B, Das R, Chattopadhyay B, Lahiri A. Contributing factors of willingness and hesitancy regarding acceptance of COVID-19 vaccine in primary care settings: A qualitative study in an eastern state of India. *J Edu Health Promot* 2022;11:53
7. Sengupta T, Paul B, Bandyopadhyay L, Das R, Banerjee A. Determinants of Modern Contraceptive Usage among Married Women: A Mixed-Methods Study in a Rural Community of India. *Siriraj Med J [Internet]*. 2022 Oct. 1;74(10):666-74.
8. Jha SS, Dobe M, Taklikar C, Lahiri A. Perceived behavioral control regarding regular physical activity and healthy diet: An observational study among school-going adolescents in an urban area of West Bengal, India. *J Edu Health Promot* 2022;11:261
9. Biswas S, Podder D, Jha SS, Kathuria P, Paul B. Exploring challenges of access to Non-Communicable Disease (NCD) prevention, treatment and care: A qualitative study on people living with NCDs (PLWNCDs) in West Bengal, India. *J Edu Health Promot* 2022;11:251
10. Lahiri A and Jha SS (2022) Gender Equity Perceptions Among School-Going Adolescents: A Mixed-Methods Comparison Amongst Tribal and Non-Tribal Rural Areas of an Eastern State in India. *Front. Sociol.* 6:772270. doi: 10.3389/fsoc.2021.772270
11. Ghosh P, Dasgupta A, Paul B, Roy S, Ghose S, Yadav A. Out-of-pocket expenditure for diabetes mellitus and its determinants in recent times in India: A narrative review. *J Diabetol* 2021;12:416-23.
12. Yadav A, Dobe M, Paul B, Taklikar C. A cross-sectional study on assessment of perceived threat to cervical cancer using health belief model among women in a slum area of Kolkata. *Journal of Education and Health Promotion*. 2022;11.
13. Shree N, Dasgupta A, Paul B, Bandyopadhyay L, Maurya N, Pyrbot F, Roy S. Assessment of Oral Health and Hygiene Practices among Students of High School, Hooghly District, West Bengal. *Journal of Oral Health and Community Dentistry*. 2021 Sep;15(3):109.
14. Dobe M, Lahiri A, Sahu M, Jha SS. A critical take on sustaining precautionary behaviors for COVID-19. *Med J DY Patil Vidyapeeth* 2022;15 Suppl S2:143-5
15. Chattopadhyay B, Paul B, Bandyopadhyay L, Bhattacharyya M, Ghosh P, Banerjee A. A study on psychological distress among pregnant women during COVID-19 pandemic in a rural area of West Bengal. *Med J DY Patil Vidyapeeth* 2022;15:S297-305.

16. Paul B Yasmin M. Prevention and care of Non-communicable diseases among youth: Call for Action. *JIMA* April 2022;120(4): 11-13
17. Saha I, Paul B. Systems approach to strengthen faculty development program in India to address Competency-Based Medical Education: A roadmap. *Indian J Pharmacol* 2022;54: 292-4
18. Biswas S, Podder D, Jha SS, Kathuria P, Paul B. Exploring challenges of access to Non-Communicable Disease (NCD) prevention, treatment and care: A qualitative study on people living with NCDs (PLWNCDs) in West Bengal, India. *J Edu Health Promot* 2022;11:251.
19. Burman J, Paul B; Sembiah S, Parida D, Negi R, Vantepaka S, Subbakrishna, N. Association Between Household Food Insecurity and Nutritional Status Among Children of age less than 5 years: A Community-based Study in a Slum of Kolkata, Eastern India. *Journal of Family Medicine and Primary Care*: July 2022;11(7):3885-3890
20. DasR, Paul, B., Bandyopadhyay, L., & Bhattacharya, M. (2021). Application of Historical Constructs of Pandemic in COVID 19. *Journal of Comprehensive Health*. December 2021; 9(2), 97–100
21. Sembiah S, Dasgupta A, Taklika CS, Chandrashekhar S, Paul B, Bandyopadhyay L, Burman J, Pawar N, Subbakrishna N. Gender inequalities in prevalence, pattern and predictors of multimorbidity among geriatric population in rural West Bengal. *Journal of Family Medicine and Primary Care*. August 2022;11(8) :4555-4561.
22. Das R. Public Health Proficiency of Fresh Indian Medical Graduates & Ways and Means of Enhancing it. *J Comp Health*. December 2021;9(2):63-68.
23. Dobe, M., Sahu, M., Taklikar, C. and Dutta, S. (2022) "A study on risk perception, cognitive awareness and emotional responses to identify unmet training needs of frontline health care workers for COVID-19 containment in India", *South Eastern European Journal of Public Health (SEEJPH)*. doi: 10.11576/seejph-5976.
24. Sahu, M., "While Sailing through the Uncharted Waters-Is the Arc Sinking the Captains?". *Medicon Nutritional Health* 1.2 (2022): 01-03.

Research work

Thesis work completed by MD (CM) students:

1. Health Related Quality of Life in Women with Polycystic Ovary Syndrome Attending a Tertiary Care Hospital in Kolkata, West Bengal
2. A Comparative Study on Knowledge, Attitude and Practice regarding Common Cancers in Women among The Female Students in A Rural and An Urban College of West Bengal

3. A Cross-sectional Study on Health Status and Health Seeking Behaviour of School-going Adolescents in a Rural Area of Hooghly District, West Bengal
4. A Study on Nutritional Status and its Correlates among the Elderly in a rural area of Hooghly District, West Bengal
5. An Epidemiological study on Double Burden of Malnutrition among Mother-Child Dyads in a Rural Area of Singur, Hooghly District, West Bengal
6. A study on morbidity pattern and health seeking behaviour among Zari embroidery workers in a rural community of Howrah district, West Bengal.
7. A cross-sectional study on quality of life in patients of coronary artery disease attending OPD in S.S.K.M Hospital, Kolkata
8. A case control study on the risk factors of MDR TB and quality of life among adult patients attending a district tuberculosis centre in Kolkata, West Bengal
9. A Cross-sectional Study on Morbidity Profile of Printing Press Workers in Madhyamgram Municipality area of North 24 Parganas
10. A Cross Sectional Study on Quality of Life and Associated Coping Behaviour of Oral Cancer Patients Attending a Tertiary Care Hospital, Kolkata
11. A Case Control Study on factors of Maternal Near Miss at a Tertiary Level Hospital, Kolkata
12. A Study on Epidemiology of Common Non-Communicable Diseases among People Living with HIV Attending a Tertiary Care Hospital in West Bengal (END HIV)
13. A Cross sectional Study on Health Literacy and Its Associates Among Adults, in Rural Area of Hooghly district, West Bengal
14. A Cross-Sectional Study on Out of Pocket Health Expenditure during Covid 19 Pandemic in an Urban And Rural Block of West Bengal
15. A Study on Well Being and Morbidity Profile of Elderly Persons Residing in Selected Old Age homes of Kolkata
16. A Study on Burden of Malaria Infection and Associated Household Level Risks in an Urban and a Rural Area of West Bengal
17. A Community-based study on Infant and young child feeding practices in a rural area of Hooghly district, West Bengal
18. A Study on Inpatient experience and Quality Standards in Gynaecology& Obstetrics department of a Sub-Divisional Hospital, West Bengal

On-going Thesis Work:

1. Effect of Health Education intervention on Knowledge and Attitude Regarding Childhood Injuries among Caregivers of Under Five Children in an Urban Slum of Kolkata
2. A Comparative Study on Air Pollutants Exposure and Respiratory Health of Street Vendors and Established Shopkeepers in Selected Market Areas in Kolkata
3. A Community Based Cross Sectional Study on Multimorbidity and its Outcomes among Adults Aged 45 Years or Above in a Rural Area of Hooghly District, West Bengal
4. A Cross Sectional Study on Locomotor Capacity of Elderly in Rural Area of Singur Block, West Bengal
5. A Study on Gestational Diabetes Mellitus and Factors Associated with it among Mothers Attending Antenatal Clinic of an Urban Health Centre in Kolkata
6. A Study on the Morbidity Profile of Brick-Kiln Workers in a Rural Area of Hooghly District, West Bengal
7. Morbidity Profile, Health Service Utilization and Out of Pocket Expenditure among Mothers and Infants in a Rural Area of Singur, West Bengal- An Ambispective Study
8. A Cross Sectional Study on Morbidity Profile and Health Seeking Behaviour among Female Beedi Rolling Workers of selected rural area in South 24 Parganas, West Bengal
9. A Study on Perceptions regarding Infants and Young Child Feeding practices using Health Belief model in a Rural Area of Hooghly District, West Bengal
10. A cross-sectional study on Reproductive tract Infection among Women of Reproductive Age Group in a rural area of Singur, West Bengal
11. A Study on Metabolic Syndrome and its Determinants among Adult Women of Reproductive Age Group in a Rural Area of Hooghly district, West Bengal
12. A Comparative Study on Anemia among Elderly in a Rural area of Singur and Selected Slum areas of Kolkata
13. A Study on Quality of Life of Post-Stroke Survivors Attending Stroke Clinic of a Tertiary Care Hospital in Burdwan district, West Bengal
14. A Cross-Sectional Study on Cognitive Health among Hypertensive Patients Attending an Urban Health Center in Kolkata, West Bengal
15. A Non-Randomised Controlled Study on Impact of Diabetes Self-Care Management Education on HbA1c Levels among Diabetes Patients of a Selected Slum Area of Kolkata

16. A Cross-Sectional study on Distress and Coping among Caregivers of Cancer Patients Attending Oncology OPD of a Tertiary care Hospital, Kolkata
17. A Community-Based Study on Unintentional Injuries among Elderly Residing in a Rural Area of Hooghly District in West Bengal
18. An Epidemiological Study on Diarrheal Diseases among 6 to 59 Months Children in a Slum Area of Kolkata
19. Health-Related Quality of Life among Chronic Obstructive Pulmonary Disease Patients attending an Out Patient Department in a Tertiary Care Hospital, Kolkata

Short Studies:

December 2021 to November 2022: 37 short studies were completed during this period

1. Awareness Regarding Gestational Diabetes Mellitus among Antenatal Women: A Mixed-method Study in Rural West Bengal
2. Functional Status of Elderly and their Rehabilitation Needs : A Mixed Method Study in Kolkata, West Bengal.
3. Fracture Risk and its Associates among Residents of Selected Old Age Homes in Kolkata, West Bengal
4. A Cross-Sectional Study on Resilience and Depression among Elderly, residing in Old Age Homes in Kolkata During COVID 19 Pandemic.
5. Pattern of Self-referrals to a Tertiary Care Hospital in Eastern India: A Cross-sectional Study
6. Prevalence of pre-hypertension among school going adolescents in a rural area of West Bengal
7. A Study on Cardiovascular Risk Factors among Perimenopausal women in a rural area of West Bengal
8. A study on urinary incontinence and its risk factors among elderly women in a rural area of West Bengal
9. Contraceptive Usage Pattern in context of Woman Empowerment among Married Woman of Reproductive Age Group: A Mixed Method Study in a Rural Area of Singur, West Bengal
10. Chronic Musculoskeletal Pain and Self-medication Practice among elderly in a rural community of Hooghly West Bengal: A mixed methods study

11. Prevalence of falls and its associates among older adults in Uluberia-II block of West Bengal
12. Childhood Undernutrition and its Determinants: A Cross-Sectional Study Among Under-five Children in Urban slum of Kolkata
13. Pattern of substance use among older adults and elderly: a community based study in rural area of Singur
14. A cross sectional study on prevalence of anemia and its dietary diversity pattern in Singur
15. Risk assessment of Non Communicable Diseases among tribal adults forty years and above in a rural block of Birbhum , West Bengal
16. A community-based study on dietary diversity and its determinants among reproductive age tribal women in a rural block of West Bengal.
17. Burden of Urinary Tract Infections among Older Adults and Elderly: A Community-based Cross-sectional Study in Rural West Bengal
18. Determinants of Fear of Child birth among Postnatal Tribal women in a rural block of Birbhum, West Bengal: A cross sectional study
19. A Cross Sectional Study to elicit the Health Seeking Behaviour and Delay in Receiving Treatment among Snake Bite Victims in a rural block of Sunderban, W.B
20. A Descriptive Study on Child and Youth Resilience among residents of an Orphanage in Kolkata, West Bengal
21. Assessing Malnutrition and its factors in A Rural Block of West Bengal: A Cross Sectional Study.
22. Women's Empowerment and its Association with Child Health and Nutrition (*WECHANT*): A Cross-sectional Study in a Rural Population of West Bengal
23. Readiness to Participate in Disaster Management among Youth" (*READY*): A Mixed Methods Study among College Students of West Bengal
24. Optimal Breastfeeding Practices Among Mothers with Children Aged 0-23 months of age in Tribal Area of Sundarbans, West Bengal
25. A study on functional ability & quality of life among older adults in an urban slum of Chetla
26. A Mixed Method Study on Pattern and Predictors of Plastic Pollution in an Urban Block of West Bengal

27. A mixed method study on coping pattern of drug resistant TB patients
28. A Cross Sectional Study on Period Poverty among adult tribal women in Birbhum district, West Bengal
29. Study on Anaemia and to assess the postnatal services among Lactating Mothers attending immunization clinic of a tertiary hospital, Kolkata
30. A Study on Male Involvement in Family Planning in a Rural Community of West Bengal
31. Morbidity Profile of Tailors Working in Small Scale Garment Manufacturing Factories in an Urban Area of West Bengal: A Cross Sectional Study
32. A study on Knowledge and practice on Antibiotic use among patients attending OPD of Urban health centre, Chetla, Kolkata
33. A study on Diabetes Mellitus and its associated factors among inter-state Truck drivers in West Bengal
34. A Study on Self-care practices among hypertensive patients during Covid-19 pandemic in a Sub-Divisional Hospital, West Bengal
35. RISK ASSESSMENT OF DEVELOPING CARDIOVASCULAR DISEASES AMONG TRIBAL ADULTS IN A RURAL AREA OF BIRBHUM, WEST BENGAL
36. Assessment of Nutritional Status among Under Five Beneficiaries of ICDS Centres: a Cross-Sectional Study in a Village of West Bengal
37. Assessment of Pre-natal Care Utilization among Pregnant Women Attending the ANC clinics of UPHCs of Bidhannagar, West Bengal
38. A Cross Sectional Study on Burnout of Health Assistant Females(HAF) in a District of West Bengal.

Guidance of Research Work by Faculty

- Dr Ranjan Das: Guide of 3 MD (CM), 1 DPHM Dissertation & 1 MSc Applied Nutrition Dissertation
- Dr. Lina Bandyopadhyay: Guide of 3 and Co-guide of 1 ongoing MD (CM) thesis work, Guide of 1 MSc Applied Nutrition Dissertation
- Dr. Bobby Paul: Guide of 3 and Co-guide of 1 ongoing MD (CM) thesis work, Guide of 1 MSc Applied Nutrition Dissertation, Co-guide of 2 PhD candidates from WBUHS
- Dr. Monalisha Sahu: Co-guide of 4 submitted and 5 ongoing MD (CM) thesis work, Guide of 1 MSc Applied Nutrition Dissertation,

Conference/Seminars/Workshop Attended

- Dr R Das, Dr B Paul and Dr L Bandyopadhyay attended Annual State Conference of Indian Association of Preventive and Social Medicine (IAPSMCON) (Virtual mode) (March 3-5, 2022) at Govt. Medical College Nagpur, Maharashtra
- Dr L Bandyopadhyay attended Annual National Conference of APCRI (APRICON) 2022 in Kolkata on 17-18/09/22
- Dr. Madhumita Bhattacharya's component is specified along with MCH Deptt.
- Dr M Sahu attended 49th Annual National conference of IAPSM and 23rd Joint IAPSM and IPHA conference, Maharashtra chapter 2022 in VIRTUAL mode from 3rd to 5th March 2022 at Govt. Medical College Nagpur, Maharashtra
- M Sahu attended BIMA-CGPCON Annual conference of Indian Medical Association Behala branch which was held on 12th September
- M Sahu attended 'Basics of bibliometrics Workshop 2022' organized by Clarivate on Oct 17, 19 and 21. (Virtual mode)

Membership of Committees

- Dr Ranjan Das is Chairman of Committee constituted to examine validity of promotions from Assistant to Superintendent at AIIHPH; Chairman Preliminary Enquiry Committee looking after irregularities of CIP Ranchi; Chairman of committee constituted for examining employees performance; Member DPC for Promotion of LDCs; Member of CGHS relocation Committee to AIIHPH; Member of Faculty Council; Member of Academic Cell; Medical & Public Health Education Unit of AIIHPH; Member Institutional Ethics Committee; Member of Faculty Selection Board at Chittaranjan National Cancer Institute, Kolkata; Member, Selection & Promotion Committee, KG Medical University, Lucknow, UP; Member, Board of Studies, West Bengal University of Health Sciences (WBUHS), Salt Lake, Kolkata, Chairman, Scientific Committee of IPHA National Conference 2023 to be held in April 2023 at Kolkata.
- Dr Lina Bandyopadhyay is Chairman of Swachh Bharat Committee and SAP.
- Dr. Bobby Paul is member secretary of Scientific Advisory Committee, member of Institutional Ethics Committee, Academic Council, Assistant managing editor of Indian Journal of Hygiene and Public Health, AIIH&PH and Institutional Ethics Committee of IPGMER and SSKM Hospital, D N De Homeopathic Medical College, Govt. of WB, worked as Inquiry Officer for Airport Health Organization, Kolkata
- Dr. M Sahu is Nodal officer for Institute Scholarship committee, Assistant Nodal Officer for institutional committee on Digital Mission Mode Project I, Medical Council of India,

Member institutional MVPH selection committee, member of MIYCN Core Committee of IAPSM, Editorial Board Member for Indian Journal of Hygiene and Public Health

Examiner

DR. R DAS WAS

- Convenor & Examiner of MD (Community Medicine) Examination 2022, conducted by WBUHS, Kolkata.
- Paper setter for MSc (HPE) Entrance Examination & PhD (Community Medicine) Entrance Examination conducted by WBUHS Kolkata.

DR. B. PAUL WAS

- Examiner of MD (Community Medicine) Examination 2022, MD-MPH Epidemiology (Supplementary) Examination 2022, and DHS Examination conducted by WBUHS Kolkata.
- Paper setter for MSc (MCH) Entrance Examination & PhD (Community Medicine) Entrance Examination conducted by WBUHS Kolkata.

DR. M. SAHU WAS

- Examiner of DHPE Final Examination 2022 conducted by WBUHS Kolkata.
- Paper setter for DHPE Final Examination conducted by WBUHS Kolkata.
- External Examiner for PGDPHM Final Exam 2022 at IIPH Hyderabad (Virtual mode).

Training Received

- Dr Ranjan Das received training on Revised Basic Course Workshop (RBCW) in Medical Education Technology at SCB Medical College Cuttack from 18th to 20th Oct 2022 and Regulatory aspects of Clinical Research in India on 03/12/2021 at STM, Kolkata
- Dr B Paul attended MAA training at AIIH &PH from 23/05/22 to 06/06/22 and certified as National Trainer and completed training on "Basic Course in Biomedical

- Research" offered by ICMR-National Institute of Epidemiology (ICMR-NIE), Chennai on SWAYAM
- Dr B Paul and Dr M Sahu attended ICMR Pandemic Preparedness Partnership Programme on March – April 2022
 - Dr. M. Sahu attended Revised Basic Course Workshop (RBCW) in Medical Education Technology at SCB Medical College Cuttack from 13.09.2022 to 15.09.2022.

Field Activities/Programme

- Junior Residents were involved as external monitors in monitoring IPPI Programme at Singur and at High-risk Wards of Kolkata organized by National Polio Surveillance Project (Kolkata unit), WHO on 18/02/2022, 19/06/2022, 19/09/2022 to 22/09/2022.
- Sensitization Programme on 51Health Professionals for Hospital Preparedness for Public Health Emergencies on 14/01/2022 and 4/02/2022
- Training on Hospital preparedness for Disaster Management at Nursing training college at Singur(H C Mukherjee Memorial Health School) on 50 nursing students.
- Workshop on Advanced Research Methodology on 31/08/2022- 2/09/2022 on 25 participants
- Educational visit of Interns and Faculty from GMC, Raigarh for orientation to National Health Programmes &Activities of AIIHPH from 21/03/2022 to 25/03/2022
- Training programme involving 50ASHAs was done from 8/09/2022 to 9/09/2022 on health care of elderly in Singur, West Bengal
- Training on NCD prevention and management of Frontline workers of Child in Need Institute (CINI) was conducted among 40 participants on 16/09/2022
- Junior Residents were involved in the Mothers Absolute Affection Programme from 30th May to 6th June 2022
- Observation of World Diabetes Day on 14th November 2022 at Dr. H.C. Mukherjee Memorial Health School, Singur
- Mixed Method Research workshop conducted by Department of PSM, AIIH&PH, Kolkata in collaboration with HPE Department at B.N. Campus, AIIHPH Kolkata on 9th and 10th December 2021.
- Junior Residents were taken to educational visit to Rifle factory , Ichapore on 5th August 2022

Awards

Name of award recipient	Award	Event
Dr Sandipta Chakraborty	1st prize in Poster presentation	WBIPHACON , 62nd Annual State Conference of IPHA- West Bengal State Branch (25th-26th June 2022)
Dr SatyabrataMaity	3rd prize in Poster presentation	WBIPHACON , 62nd Annual State Conference of IPHA- West Bengal State Branch (25th-26th June 2022)
Dr Aditi Ajit Jaiswal	2nd prize in Poster presentation	WBIPHACON , 62nd Annual State Conference of IPHA- West Bengal State Branch (25th-26th June 2022)
Dr Riya Halder	3rd prize in Oral Paper presentation	WBIPHACON , 62nd Annual State Conference of IPHA- West Bengal State Branch (25th-26th June 2022)
Dr Ankush Banerjee	2nd prize in National Level Quiz competition	National Conference of IAPSM (IAPSMCON 2022), Nagpur, Maharashtra (3rd-5th March 2022)
Dr Biswadip Chattopadhyay	2nd prize in National Level Quiz competition	National Conference of IAPSM (IAPSMCON 2022), Nagpur, Maharashtra (3rd-5th March 2022)
Dr Subhajoy Maitra	1st prize in National Level Essay Competition	World TB Day 2022, organized by Department of Community Medicine , Government Medical College, Miraj
Dr SagnikChakrobortty	IAPSM Top 10 Presenter award	World Health Day

	2 nd Runner Up in oral presentation in category NCD and Mental Health	EFICON, AIIMS , Patna on 2022
Dr AyonMaity	1 st Runner Up in E-Poster Competition under the category 'Mch and Nutrition'	EFICON, AIIMS, Patna on 2022

Other Special Activities Performed:

DR R DAS

- Worked as Team Lead for the Central Govt. Eight Member "Joint Supportive & Supervision Monitoring (JSSM) Team for the NPCDCS Programme for the State of Rajasthan (31st Oct to 4th Nov. 2022)
- Designated as Nodal Officer from AIIHPH, Kolkata for preparing and submitting Proposal for upgrading RLTRI, Gouripur, Distt. Bankura, WB into Nodal Centre for Neglected Tropical Diseases Training & Research for Eastern India (Concept Note already submitted)
- Designated as Member of Committee to study feasibility of co-location/ functional integration of all public health units under Dte. General of Health Services, Govt. of India, in and around Kolkata.
- Keynote Speaker at Brainware University, Barasat, WB on occasion of their Annual Day on 26th Nov. 2022 – Topic: Obesity the Emerging Epidemic: What's taught by modern medicine & what's not.
- Participated in Indian Public Health Association (IPHA) Foundation Day celebrations and its General Body Meeting : 17th September 2022
- Chairman, Scientific Committee of IPHA National Conference 2023 to be held in April 2023 at Kolkata.

DR L BANDYOPADHYAY

- Resource Person on NCD training Programme organized by Child In Need Institute, Kolkata on 16/09/22
- Centre In Charge for MSc Nutrition Examination (Regular and Supplementary)

- Acted as subject expert for Recruitment Board at ICMR (Centre for aging and Mental health, Kolkata) on two occasions dated 11/10/22 and 22/11/22
- Reviewer of various international and national journals like Indian Journal of Public Health , PLOS One, Journal of Comprehensive Health

DR B PAUL

- Speaker in State IAPSMCON virtual conference on “Diabetes among Youth” held on 03/12/21
- Co-PI of an ICMR funded project titled “Developing a Behaviour Change Communication Strategy to Optimize Cancer Screening under NPCDCS Programme in Northeast India”
- Guest lecturer on Research methodology for PhD Course work at Calcutta University, WB Nursing Council and West Bengal University of Health Sciences
- Conducted 2 days’ workshop on Mixed Methods Research at Government Medical College, Bhopal, Madhya Pradesh from 4/03/22- 5/03/22
- Guest lecturer on “Developing a protocol on Mixed Methods Research” and Interpretation of Mixed Method Research data” at Mixed Methods research Workshop (virtual mode)at Manipal College of Nursing, Manipal, Karnataka on 23/08/22 & 24/08/22
- Team member of Joint Supportive Supervision and Monitoring (JSSM) for NPCDCS Programme at Assam from 10/10/22 – 14/10/22
- Resource Person on Operations Research Post Conference workshop (virtual mode)on 10/03/22 at National Conference of IAPSM (IAPSMCON 2022), Nagpur, Maharashtra
- Resource Person on NCD training Programme organized by Child In Need Institute, Kolkata on 16/09/22
- Speaker on “Assessment and prediction of the health impacts of climate change” at Netaji Subhas Administrative Training Institute, Govt. of West Bengal on 20/09/22
- Resource person on “Ethical issues of interventional studies” in short course conducted by Dr. B. C. Roy Multi-Speciality Medical Research Centre, Indian Institute of Technology Kharagpur on 19/11/22

DR M SAHU

- Invited as a panellist for IAPSM In-house Plenary on World Breastfeeding Week held on 6th August 2022.
- Invited as a guest speaker by FDDI - An Institution of National Importance under *Ministry of Commerce & Industry, GoI* for Guest lecturer on 'Cleanliness, Hygiene and Health' on 14th November 2022.
- Session expert for People's Health: Episode-77: A talk on 'Indigenous people and their health' for Academia IAPSM e connect Citizen's Health platform on 19th November 2022.
- Invited as a guest speaker by FDDI - An Institution of National Importance under *Ministry of Commerce & Industry, GoI* for Guest lecturer on 'Foot Ergonomics and foot problems; on 25th November 2022.
- Serving as editorial board member for international journals South Eastern European Journal of Public Health and PLOS ONE (Academic Editor).
- Course coordinator for Advanced Workshop on Research Implementation and served as resource person for sessions on R software and validity & reliability testing of questionnaires.
- Center In Charge for DHPE Final Examination 2022 conducted by WBUHS Kolkata.
- Co-PI of ICMR funded Indo-Swedish project titled "Healthy ageing for Indigenous communities in India and Sweden with focus on nutritious and culturally adequate food provision"



Advanced workshop on Research Implementation (31st August to 2nd September 2022)



Orientation to National Health Programs and Activities of AIIPH&PH, Kolkata for Educational Visit of Interns & Faculty from GMC, Raigarh (Chattisgarh)



World Diabetes Day Programme conducted on 14th November 2022



Hospital Preparedness for Disasters at Dr H.C Mukherjee Memorial High School, Singur, Hooghly on the event of Swachh Bharat Abhiyan, 12th April 2022

Public Health Administration

Introduction

The Department of Public Health Administration aims to orient the students to Principles and Practices in Public Health. It covers various aspects such as Essential Public Health Services, Health care organisation structure, health service research, planning, organization, evaluation, budget, health management, system analysis, operational research, health sector reforms, management techniques, National Health Programs etc.

The department, since its inception, has been involved in various research studies in health care delivery, disease epidemiology, operations research, quality of care, health financing, disease surveillance, Health Information systems, in all areas including remote and tribal areas.

Besides, providing inputs to all regular courses, the Department conducts the Post-Graduate Diploma in Public Health Management (PGDPHM) course and coordinates the Core course for the MD Community Medicine, MD- MPH Epidemiology, MSc Public Health - Maternal and Child Health and Master in Veterinary Public Health (MVPH) courses.

Teaching Activities

Regular Courses Conducted:

- Department is coordinating one-year Post-graduate Diploma in Public Health Management (PGDPHM) course supported by the National Health Mission.
- Department of Public Health Administration is also coordinating the Core course programme for the MD Community Medicine, MD MPH Epidemiology, MSc Public Health Maternal and Child Health and Master in Veterinary Public Health (MVPH) courses
- Faculty take classes for other courses conducted by the institute i.e. MD (CM) , MPH (Epidemiology) DHPE, DHS, MVPH & SHI

Other Regular Activity

- Seminars/ Short Study presentation/ Journal Club/Focus Group Discussion/ Field Activities/Family Care presentations etc. are undertaken as part of curricular activities by the students.

New Initiatives

- The Dept has submitted a proposal for starting Master in Public Health (MPH) course for candidates from medical and non-medical backgrounds

Collaboration

- The Department collaborates with Centre on Non-Communicable Diseases, ICMR Kolkata, for student visit and research programme and Public Health Foundation of India for conducting the Post-graduate Diploma in Public Health Management (PGDPHM) course

Faculty



Dr. Debashis Dutt M.D.
Dean, Director Professor &
Head

Area of
Expertise: Non
Communicable
Disease
Epidemiology,
Research
methods,
Programme
Evaluation,
Surveillance

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Dr. N. N. Naskar
Director-Professor
M.B.B.S.,MD (SPM
)**Superannuated on
30 April 2022**

Area of expertise: E-
Occupational Health,
PHA

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39419



Dr Monalisha Sahu
Asst. Professor
MBBS, MD (CM)
Shared Faculty with
Dept PSM
*Posted 2 days in a
week*

Area of expertise: E-
MIYCN, Indigenous
Health,
Environmental health
& Geriatric Health,
Public Health
Management

mail:drmonalisha@outlook.com
MobileNo.:98739279
66

(Publications and other activities of Dr Monalisa Sahu are covered under Dept. of PSM)

Other Members

Designation	Number	Activities Performed
Stenographer	1	Secretarial Assistance.
MTS	1	Support Service.

Publications

Published

- **Dutt D.** Pandemic endgame: Vigilance needs to continue and much remains to be done: *British Medical Journal* **2022** <https://www.bmj.com/content/376/bmj.o205/rapid-responses>
- Adhikari K, **Dutt D** et al. "Stigma and its Associated Factors among People Living with HIV/AIDS (PLHA) Attending ART Centre in a Tertiary Care Institute in Kolkata. *MAMC Journal of Medical Sciences* 2022;8:62-9
- Gangopadhyay E , **Dutt D**, Basu. U. Association between Eating Pattern, Physical Activity and Obesity among Female Students in a College in North Kolkata, West Bengal *International Journal of Innovative Science and Research Technology* Volume 7, Issue 11, November – 2022 www.ijisrt.com 58 -63
- **Naskar NN** et al: A Study on Nutritional Status Among Fishermen of Barrackpur I Block *International Journal of Multidisciplinary Research* Vol 4 Issue 5 2022
- Mousumi Datta, **Debashis Dutt**, Dr Gautam Das: Depression Among Adults With Chronic Pain: A Community Based Comparative Study In Rural West Bengal, India in Proceedings 7th International Conference on Recent Advances in Pain (ICRAPain) 2022 Dhaka Bangladesh
- Mousumi Datta, **Debashis Dutt** , Dr Gautam Das: Quality of life of adults with Chronic pain: A Community Based Study in rural West Bengal. In Proceedings 66 National Conference of IPHACON 2022

Accepted for Publication

- Bratati Banerjee, **Debashis Dutt** , Indranil Saha , Bobby Paul , Abhishek Shivanand Lachyan. Effectiveness of mHealth for modification of dietary habits and physical activity among individuals at risk or suffering from non-communicable diseases in primary healthcare settings in South East Asian Region countries – A systematic review and meta-analysis, *International Journal of Non-communicable Diseases* / Volume XX / Issue XX / Month 2022

Research Work

DR. DEBASHISDUTT acted as a guide the following Curricular Research studies

1. Study on Metabolic Syndrome and its Determinants among Adult Women of
 - a. Reproductive Age Group in a Rural Area of Hooghly, West Bengal
By Dr Aditi Sur, MD (Community Medicine) Session: 2021-2024
2. A study on morbidity profile of Brick-kiln workers in a rural area of Hooghly district, West Bengal. Dr Akash Dasgupta, MD (Community Medicine)Session: 2021-2024
3. A Cross-Sectional Study on Cognitive Health among Hypertensive Patients Attending an Urban Health Center in Kolkata, West-Bengal . By: Dr.Anasuya Biswas MD (Community Medicine)Session: 2021-2024
4. A Cross-sectional Study on quality of life and perception regarding cardiac rehabilitation in patients of coronary artery disease in a tertiary care hospital in Kolkata” Dr SatyabrataMaity MD (CM), Session 2020-2023
5. Risk factor for MDR Pulmonary Tuberculosis among patient attending Tangra urban health district of kolkata – an unmatched case control study.Subhajoy Maitra MD (CM) Session 2020-2023
6. An Epidemiological Study on Tuberculosis Related Stigma and Associated Factors among Tuberculosis Patients Receiving DOTS in a Rural Area of West Bengal. Dr C Maity MD (CM) 2019-2022
7. Medication adherence, self-care practices and its associated factors among type 2 diabetic patients in a rural area of West Bengal GouthamMohan. MPH (epidemiology) SESSION-2019-2022
8. ‘Morbidity pattern and Health seeking behaviour of Elderly People in an Urban Slum of West Bengal: A Community-Based Study’ By Dr. ParomitaGoswamiPGDPHM Student 2021-2022
9. Association between Obesity and overweight & Sleeping Pattern in adolescents in an urban area of West Bengal.ShabnamG. MSc Applied Nutrition 2021-2022
10. Study on Social Media Usage and Health Promoting Lifestyle Among Students In A College In Kolkata . by Swikriti MSc Applied Nutrition 2022-2024

DR. N.N. NASKAR acted as guide to the following Curricular Research studies

1. A Study on Growth and Development of under 5 Children in an Island of the Sundarbans West Bengal Dr. Niladri Pal MD 2019-2022
2. A study on assessment of Nutritional Status among young house wives in a rural slum area of Chandpara West Bengal Ashmita Biswas MSc Nutrition. 2020-2022

PhD Thesis

- Dr D Dutt is Co Guide for study on Assessment of Coping Skill in various crisis situations among the Adolescent population and their association with different Socio- demographic variables: Cross-sectional, nonintervention Study upon school students: Co guide for PHD Thesis by Shibotosh Sen under WBUHS

Research Studies

- Conducted Systematic Review (in collaboration with Dept. PSM, Maulana Azad Medical College, Centre on Non-Communicable Diseases, ICMR Kolkata), "Use of mHealth technology for modification of behavioural risk factors of non-communicable diseases in primary health care settings: Effectiveness and Feasibility in South East Asian Region Countries". Non funded Systematic Review / Metanalysis(SR/MA)project under Centre of Excellence, World NCD Federation

Review of articles in scientific Journals

- Dr D Dutt reviewed articles for Publication in Different National and International Journals like Ind. J. of Medical Research, J of Peace and Aggression UK

Field Research Projects conducted by PGDPHM Students

- 'Morbidity pattern and Health seeking behaviour of Elderly People in an Urban Slum of West Bengal: A Community-Based Study' By Dr. Paromita Goswami under Guidance of Dr D Dutt , Dr D Dutt Dir Prof & Head Dept PHA and Coguidance of Dr K Sharma CMO NFSG UHU&TC Chetla
- A comparative study on patient satisfaction regarding quality of care treated at public and private hospitals in Malda, West Bengal Dr. Md. Ismail Shaikh under guidance of Dr R Das , Dir Prof & Head Dept PSM
- Evaluation of the Telemedicine Programme in Rampurhat Health District, West Bengal: An Exploratory Study Mrs. Rituparna Gupta , under Guidance of Dr A K Mallick, Dir Prof & Head Dept MCH and Co Guidance of Dr D Dutt Dir Prof & Head Dept PHA

- A Cross-Sectional Study on Adherence Of Tb Preventive Therapy (Tpt) Among Household Contacts Of Pulmonary Tuberculosis Cases In A Rural Area Of Budge Budge Block By Dr. Abhijit Biswas Under The Guidance Of Dr. Chandrashekhar Taklikar, Prof.and Head Dept Health Education

World Health Day Celebration

The Dept. celebrated World Health Day 2022 on 7th April with theme "Our Planet Our Health" for the Scientific session . Dr D Dutt spoke on Global Warming " and Dr N N Naskar spoke on Air Pollution and its Health Effects.

Conference/Workshop/Seminars/ Panel Discussion attended

1. Training Programs / Workshops Conducted

- Dept conducted Research Methodology workshop for core course students in collaboration with Dept PSM from June 20 to 23, 2022

2. Workshop Attended

- Dr D Dutt Attended Workshop (RBCW) for standalone - PC institution held at Regional Centre (Rc), SCB MC, Cuttack from 13.09.2022 to 15.09.2022.

IEC Material Developed

- Dr Paromita Goswami PGDPHM Student developed IEC material for holistic well-being of women On the Occasion of International Women's Day on 8th March 2022 conducted in Swasthya Bhawan, Dept Health and family welfare Department of Govt of West Bengal.
- Dr Paromita Goswami also developed Community awareness material for Health care of the Elderly

Community awareness programs

- Dr ParomitaGoswami PGDPHM Student conducted Community awareness on Occasion of International Day of older person celebrated on 01.10.22 in Urban Slum of Chetla

Poster Competition

- Dept organized Poster Competition for Theme on World Health Day 2022. The first prize was won by Dr. Sujith Surendran and Dr. Soumik Ghosh, MD

Community Medicine first year junior residents. The second prize went to Dr. Mainak Mandal, MPH epidemiology first year junior resident

Additional Responsibilities

Dr D Dutt Dir.-Professor & Head is holding additional charge of

1. Dean,AIHH&PH.Kolkata
2. Welfare officer of AIHH&PH Kolkata.

Membership of Committees

PARTICIPATION OF DR. D DUTTIN DIFFERENT COMMITTEES:

External committees

- Acted as External Member of Screening Committee- for Recruitment of Associate Professor Epidemiology and Public Health by Central University of Tamil Nadu on 18.04.2022
- Member Board of Studies (BOS) "Nutrition & Public Health" University of Burdwan

Internal Committees

- Member Secretary Faculty Council, AIHH&PH
- Member Secretary Core committee for Foundation Day AIHH&PH
- Chairman, Academic Cell
- Chairman, Medical Education and Public Health Unit
- Chairman, Scientific Advisory Committee
- Chairman, Committee on Compassionate Appointment
- Chairman, Screening Committee
- Chairman, Board of Studies Post Graduate Medical Courses
- Co-opted Member, Purchase Committee

PARTICIPATION OF DR. N. N. NASKARIN DIFFERENT COMMITTEES:

- Member, Library Committee;
- Member, Anti-ragging Committee of AIHH&PH;

Participation as External Examiner

DR. D DUTT, ACTED AS

- ✓ External examiner for Practical Examination of MD (CM), to be held in Assam Medical College, Dibrugarh on 18th & 19th May, 2022
- ✓ Paper setter and External Examiner for MPH Examination -PGIChandigarh 2022
- ✓ External Expert for MPH Examination -Inst. of Public Health (IPH) Kalyani July 2022
- ✓ Moderator and External Examiner for MPH Examination -Inst. of Public Health (IPH) Kalyani2022
- ✓ Adjudication of MPH Dissertations for IPHKalyani 2022and KPC Medical College 2022

DR. N. N. NASKAR

- Evaluated 2 Dissertation of PG Courses of two Institutes

Meetings attended

DR D DUTT

- Attended meeting of PGDPHM partners for conduction of PGDPHM course
- Attended meeting of Centre of Excellence (COE) for HIV/AIDS, at School of Tropical Medicine, Kolkata
- Attended Several AcademicCouncil, Board of Studies meetings of The West Bengal University of Health Sciences related to academic activities of the Institute



Celebration of World Health Day 2022 "Our Planet Our Health "



Interaction with MD (CM), students of Assam Medical College, Dibrugarh May, 2022

Sanitary Engineering

Introduction

The main objective of the Department is to create a healthy community through the ways and means to safeguard the environment and protection of the natural ecosystem. The dept. had been involved in various ways with different govt. organisation like PHED, KMDA, in West Bengal in solving the environmental health problems. The dept. had prepared the state of the art report on the arsenic contamination of ground water in West Bengal.

Teaching Activities

The Department had been conducting the “Master of Engineering (Public Health & Environmental Engineering)” course and other short courses sponsored by CPHEEO, Ministry of Urban Development, Government of India, Ministry of Drinking Water & Sanitation, Govt. of India, and UNICEF & WHO. The ME (PHEE) course is meant for training basic civil engineering graduates for the specialisation in public health or environmental engineering. The course is affiliated to the West Bengal University of Health Sciences. The courses are temporarily stopped due to non-availability of regular Engineering faculty members in the department.

The department has started a *Certificate Course on Sanitary Health Inspector, a skill development course of 10 months’ duration* since 2018, under Prime Minister Skill Development Program with an intake capacity of 20 students per batch. In the session 2021-22 three students have successfully completed the course by September 2022. The session for 2023 will be starting from 01-02-2023. Till now, 3 batches have successfully completed the course.

The faculties and officers attached with this department takes regular classes of different courses run by the other departments of the Institute, e.g., MD(CM), MD (MPH-Epidemiology), MVPH, DPHM, DPH, DHPE, DHS, Dip. Diet & M.Sc. Nutrition.

Faculty

- There are 11 faculty positions sanctioned (Prof. - 2, Associate Professor - 2, Assistant Professor – 4, ARO Biologist – 1, Demonstrator – 2) but all posts are lying vacant at present.
- Dr. Amit Banik, Associate Professor (Department of Microbiology) is holding **additional charge (Acting)** of the Head of the Department since 30.06.2022
- **Dr. Amit Banik**, Assoc. Professor, Dept. of Microbiology & **Dr. Sanjib Das**, SMO & DDO, BN Campus jointly looks after all academic activities of the dept.



Dr. Amit Banik
Associate Professor
MBBS, MD(Microbiology),
DNB, MNAMS
Co-ordinator: SHI course

E-mail: dramitbanik@gmail.com
Mobile No.: 94021 95476 / 033-2335 9858
Area of expertise: Bacteriology



Dr. Sanjib Das
DCH DNB (Ped)
CMO (NGSG) & DDO
Asst. Co-ordinator: SHI
course

E-mail: drsanjib.das@gmail.com
Mobile No.: 70443 28468

Other Members:

Designation	Number	Activities Performed
Research Assistant	1	Laboratory analysis work
Chemist **	1	Laboratory analysis work
Technician ##	3	Laboratory analysis work
Draftsman	2	Office work
Lab. Attendant	2	Support Service

** Posted in RHU&TC, Singur, works 3 days/week in dept.

One technician is working full time in Election commission of India

Other Special Activities

- Dr Sanjib Das, SMO, is working as DDO of Bidhan Nagar Campus.
- The Dept. of Sanitary Engineering provides services of chemical analysis of water to various Govt. organisation and NGOs.
- In this year, 271 parameters in 38 samples of water including the samples from RHU&TC, Singur has been analysed in the laboratory till date.
- The department is also analysing frequently the potable water samples from different sources of the Institute, e. g. Bidhannagar campus, RHU&TC, Singur, UHU&TC, Chetla and main campus at C.R. Avenue.

Statistics

Introduction

Accurate, comprehensive, high-quality data and statistics are central elements of evidence-based public health policy and therefore the section of Vital Statistics and Epidemiology was established in the beginning in All India Institute of Hygiene & Public Health. The increasing application of the statistical methods in data analysis and research required biostatistics to be separated from the Epidemiology as a separate section, the Section of Statistics.

The Section of Statistics in All India Institute of Hygiene & Public Health came into existence in the year 1945 and it was subsequently renamed as the Department of Statistics (DOS). Due to persistent economic, social and geographical diversity, the huge variety across different states health sectors continues to result in visible disparities in health conditions within India. This variety, therefore, plays an important role in its performance in delivering health services and policies. In addition, a special course viz. Diploma in Health Statistics (DHS) commenced under the Department in the year 1966 with participation of students from India and abroad. Moreover, this Department is engaged in imparting training on Statistics to the students of all postgraduate degree and diploma courses run by the Institute and furthermore, it is supporting statistical surveys, special studies and research activities undertaken by the Institute. Statisticians are the specialists of data evaluation, as it is their expertise that allows them to take complex, mathematical findings of research-related data and translate them into valuable information that is used to make public health decisions by utilising statistical tools to enhance science and bridge the gap between theory and practice.

Moreover, the Department has been working as IT Wing of the Institute and as such taking care of the LAN, WAN, NKN Connectivity, Website Development, Maintenance and Updation of IT facilities, etc.

Teaching Activities

Regular Course Conducted by the Department

- ✓ Diploma in Health Statistics (DHS)
 - i. Level: Diploma (Post Graduate); Duration: One Year (Full Time)
 - ii. Affiliation/Recognition: West Bengal University of Health Sciences
 - iii. Intake Capacity: 8

Involvement in Courses Conducted by other Departments of This Institute

- ✓ Core Course - MD(CM) (Post Graduate Degree), MD (MPH-Epidemiology)(Post Graduate Degree), DPH (Post Graduate Diploma), MVPH(Post Graduate Degree),
- ✓ Dip-Diet (Post Graduate Diploma);
- ✓ DHPE (Post Graduate Diploma)
- ✓ MSc (Applied Nutrition) (Post Graduate Degree)

Short Courses/Trainings Conducted

- The department conducts various short courses and training on the use of statistical methods and application of data handling packages such as Excel, Access, SPSS, Epi-Info, R etc. for the faculty and students of this institute and other medical researchers. It also conducts training on the use of IT for different user groups on various aspects related of public health and medical research.
- The department conducted a three-day workshop on 'Preliminary Course on data handling using R Software' for Researcher in Medicine, Medical Practitioner/ Post graduate medical student during 21st November to 23rd November, 2022.

Other Important Activities

- All IT related infrastructural and maintenance work, training on IT related matters, website maintenance and uploading of materials, monitoring and management of Computer Network (LAN/WAN), providing support for the operation of Biometric Attendance System etc. have been taken up by the Department on regular basis.

Project Work & Special Study

- The project work of DHS 2021-22 Students on "Knowledge, Attitude and Practice of Solid Waste Management and Assessment of Water Supply and Drainage System in Ward No.- 40 of Kolkata Municipal Area" and "A Comparative Study of Two Districts of West Bengal (PaschimMedeniur and PurbaMedinipur) based on selected health parameters" were undertaken during January-March, 2022 under the supervision and overall guidance of the faculty members. It was presented on 25th August, 2022.

Faculty



Smt. Shruti Shukla, ISS
Professor & Acting Head
(From 22.09.2020)
M.Sc (Statistics)
(from 13.03.2021)

E-mail: shruti.shukla@nic.in
Mobile No.: 9830867740
Area of expertise: Economic Statistics (Trade & Industry) & different statistical packages like R, SPSS etc.



Ms. Chandrima Das, ISS
Assistant Professor
M.Sc. (Statistics)

E-mail: chandrima120@gmail.com
Mobile No.: 9831519527
Area of expertise: Bio-statistics including Epidemiology, Survival Analysis, Clinical Trial etc. & different programming software like R, etc.



Shri Anupam Deb Barman,
Senior Statistical Officer
B.A in Economics

E-mail: debbarmananupam1@gmail.com
Mobile No.: 94744 57887
Area of expertise: Field Work for Large Scale Sample Survey, Survey Methodology, Statistical Applications, etc.



Shri Subhrajit Sarkar,
Senior Statistical Officer
M.Sc. in Economics

E-mail: ssarkar.aiihph@gov.in
Mobile No.: 94333 05466
Area of expertise: Field Work for Large Scale Sample Survey, Expertise in Statistical Packages like SPSS, Survey Methodology and IT etc.



Dr. Shampa Mukherjee
(Kundu),
Senior Statistical Officer
Ph.D. (Economics)

E-mail: shampa_kundu@yahoo.co.in
Mobile No.: 94335 25849
Area of expertise: Field Work for Large Scale Sample Survey, Survey Methodology, Health Economics, etc.



Shri Subhojit Ghosh
Senior Statistical Officer
M. Com

E-mail: subhojit.ghosh@gov.in
Mobile No.: 98368 02265
Area of expertise: Field Work for Large Scale Sample Survey, Survey Methodology, Statistical Applications, etc.

Other Members

Designation	Number	Activities Performed
EDP Staff	2	Electronic Data Processing, IT Support, Field-Support, Documentation, Management of Computer Lab, Software application, Website maintenance, etc.
Stenographer	1	Stenography, Documentation, and Secretarial Service
MTS	1	Support Service

Publication

- A Study on Nutritional Status among the Fishermen of Barrckpore – I Block, North 24 Parganas, West Bengal – Sanjukta Dutta, Arijit Chatterjee, Narendra NathNaskar, Subhrajit Sarkar; International Journal of Multidisciplinary Research, Vol.-4, Issue-5, Sept.-Oct. 2022.

Research Work

- Faculties of the Department supported the PG students of all Departments in data handling and statistical analysis of their research project/ thesis.
- **SH. SUBHRAJIT SARKAR, SENIOR STATISTICAL OFFICER**, acting as co-guide to the following Curricular Research studies by MD(CM) students
 - ✓ A Study on Burden of Malaria Infection and associated Household Level Risks in an urban and rural area of West Bengal.
 - ✓ An Epidemiological Study on Double Burden of Malnutrition among Mother Child Dyads in a rural area of Hooghly District, West Bengal.
- **DR. SHAMPA MUKHERJEE (KUNDU), SENIOR STATISTICAL OFFICER**, acting as co-guide to the following Curricular Research studies
 - ✓ A Study on Healthcare Utilization and Out-of-Pocket Health Expenditure during COVID-19 pandemic among households in an urban and rural area of West Bengal.
 - ✓ A Study on Wellbeing and Morbidity Profile of Elderly Persons in selected Old Age Homes of Kolkata.
 - ✓ A Study to assess the Prevalence of Hypertension, its nutritional associated risk factors and Health Seeking Behaviour among adults in a rural community.

Conference/Seminar/Workshop Attended

- All faculty members of the department virtually attended a webinar held on the occasion of Statistics Day on 29th June 2022.

Examiners

- Ms. Chandrima Das, Sh. Anupam Deb Barman, Sh. Subhrajit Sarkar, Dr.Shampa Mukherjee (Kundu) and Sh. Subhojit Ghosh acted as paper setter and examiner for the Diploma in Health Statistics 2022 examination conducted by the West Bengal University of Health Sciences, Kolkata.
- Dr.Shampa Mukherjee (Kundu), Senior Statistical Officers, acted as Examiner of Paper- of the final examination of M.Sc. Applied Nutrition, conducted by the West Bengal Joint Entrance Board.

Additional Responsibility

- Smt. Shruti Shukla, Professor and HOD (Acting), is acting as (*other responsibilities are covered under Important Committees*)–
 - Nodal Officer for NMC related activities
 - Chairman of E-office Committee
 - Web-information Manager
 - Centre-in Charge for MD(CM) and MD(MPH- Epidemiology) examination 2022
 - Nodal Officer for admission to M.Sc.(Nutrition), Dip. Diet and DHS courses JEMAS PG 2022.
- Ms .Chandrima Das, Assistant Professor is acting as the Public Grievance Officer of the Institute.
- Ms. Chandrima Das, Assistant Professor is acting as member of following committees:
 - Screening Committee for MVPH Admission
 - Scrutinizing Committee for contractual appointment for the post of the Pharmacist
- Ms.Chandrima Das, Assistant Professor is also acting as Member and rollout officer of e-HRMS Committee of the institute.
- Ms. Chandrima Das, Assistant Professor is also acting as Assistant Nodal Officer of Online Admission to different courses through the examination of JEMAS PG 2022 to the institute.
- Dr.Shampa Mukherjee (Kundu) is acting as Liaison Officer for Economically Weaker Section and Member, e-Office Committee, Internal Compliance Committee and Assistant Nodal Officer (SQ) for NEET – PG admission.
- Shri Anupam Deb Barman, Senior Statistical Officer is acting as the Nodal Officer in implementation of e-Office of the Institute as well as Member, e-Office Committee.

- Shri Subhojit Ghosh, Senior Statistical Officer acted as Warden of Boys' Hostel at the Main Campus of the Institute. He is also acting as member of Tender Evaluation Committee (Library Digitisation).
- Shri Subhrajit Sarkar, Senior Statistical Officer is acting as Assistant Nodal Officer (AIQ) for NEET – PG admission.

Special Activities

- Sh. Subhrajit Sarkar, Senior Statistical Officer co-presented a paper with topic "*Digital Divide – an Impact of Lockdown in Kolkata and Suburbs*" at the 40th Annual Conference of the Centre for Urban Economic Studies, University of Calcutta on 17th March, 2021.
- Under the Swachhata initiative a Poster Drive, to build up the awareness, was undertaken by the Officials of the Department of Statistics from 1 – 15 April 2022 in the Main Campus.

LIBRARY

The AIIPH&PH Institute Library is one of the few reference libraries on Public Health Sciences. It has a collection of more than **30094** books, **107** subscribed Journals, 25 complimentary journals and **9573** Research Papers/Reports/Annuals/Thesis etc.

The Library also provides Reprographic Services for the users. This institute's Library has been identified as Regional Medical Library in the Eastern Region by D.G.H.S. and Ministry of Health and Family Welfare.

The Library serves the needs of Faculty/Staff and students. It is our continued attempt to improve Library services and provide faster access to print as well as online journals too.

Resources of the Department:

- **PHYSICAL INFRASTRUCTURE :**
 - Reading -- A Big size reading hall along with displayed journals .
 - Computer Infrastructure: 16 PC's for Readers with Internet Connection.
 - Photocopying Facilities available

- **HUMAN RESOURCES** – 2 LIBRARIAN (1 vacant), 2 LDC (2 vacant), 2 MTS
- No. of Students year wise : --- Every year all AIIPHPH students are entitled to get a Library Card and Be the member of Library; hence ALL the student of different courses are LIBRARY students.

- No. of listed Books in the Library : 30094 books,
- No. of Journals in the Library : 35 subscribed Journals, 5 complimentary journals
- Research Papers/reports/ in Library : 9573
- Online Journals accessible : 247+Journals and cochraine Library Free access .

Initiatives

- E-Journals (ERMED) subscribed by the AIIPHPH Library under NML Consortia. Each journal publication offers free institutional access to thousands of journals through website Ermed.in

Librarians/Staff :

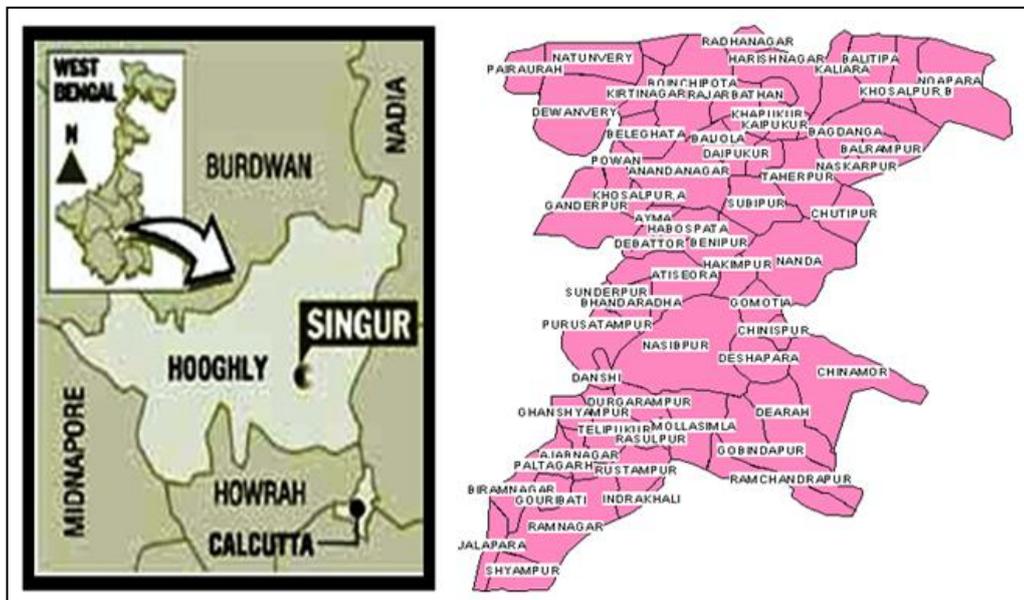
Sl. No.	Name	Photographs	Designation	Educational Qualification	E-mail /Contact no.	Subject/Area of Interest
1.	Abhishek Chaturvedy		Library Information Asst.	B.Sc(Hon s.), BLISc, MLISc, PGDLIM	abhisheklibrarian@live.in , abhi.indian4u@gmail.com , 8820914033	All Library Housekeeping operations. Handling Library files and Book / Journal Purchase issues, Cataloguing, Classification ,Accessioning New Books,Maintenance. ERMED e journals , , Referral services to students and faculty.

Other staff : Mr. Debabrata Mondal and Mr. S. Acharya , MTS

Rural Health Unit & Training Centre, Singur

Introduction

Rural Health Unit & Training Centre (RHU& TC), Singur, Hooghly, started as Maternity and Child Welfare Unit in 26th March, 1939. RHU&TC, Singur became a part of administrative control of AIIH& PH in 1944 - 45. This is the first Rural Health Unit & Training Centre in India which contributed to the "Bhore Committee Report". This is one of the three field Pilot centres of Primary Health care in India. Rural Health Unit & Training Centre is located at a distance of 35 km. from Kolkata.

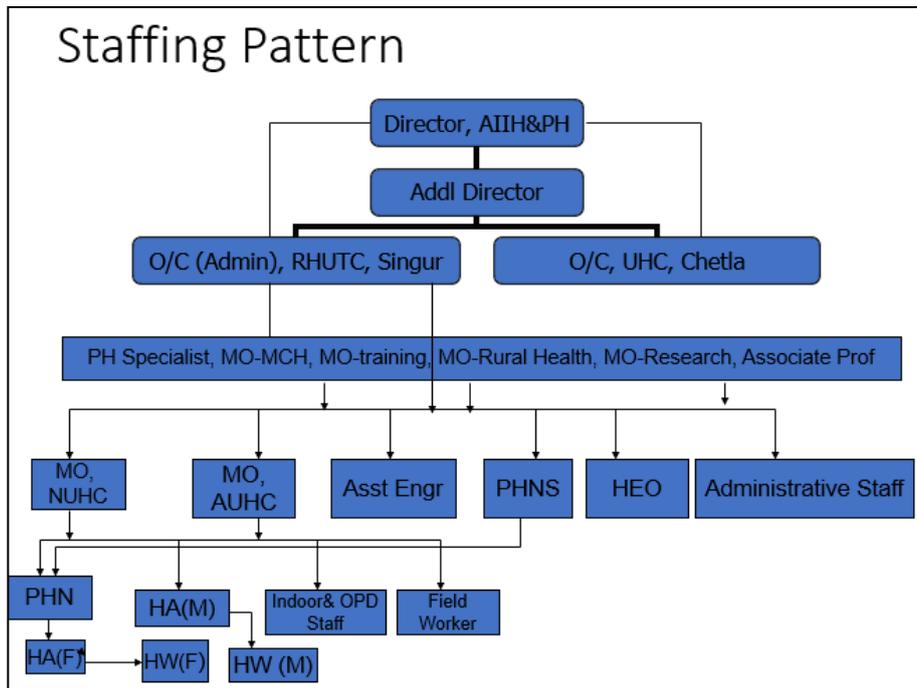


Village Map Of RHU&TC ,Singur

The Rural Health Unit and Training Centre at Singur apart from working as a Community Health training Centre and field laboratory for Medical and Paramedical Students, also gives comprehensive Primary health care to 64 villages having population of about 1,06,180 through two PHC and 12 units.

- Enumerated Population under RHU&TC : 106,180 (As on 1.4.2022)
- Families: \approx 25,093 (Surveyed during Pulse polio Immunisation)
- 64 Villages. (\approx 1/3rd of Singur Development Block. 2/3rd - WBHS)
- 23 Bricklin's population. (Population almost 6000 during peak season)

- Total Area: 64.0 Sq. Km.



Infrastructure Available

○ RHU&TC, Singur

- Administrative Building,
- Lecture Hall - 2,
- Hostel with Canteen - Capacity 90,
- Public Health Laboratory,
- Public Health Workshop,
- Transport Section,

○ Primary Health Centres

- Primary Health Centres – 2 [Anandanagar (PHC) and Nasibpur (PHC)]
- Health Units/ Subcentre - 12 units.

Health units 1 to 6 are under APHC and Health units 7 to 12 are under NPHC.

Only 5 units out of 12 units have separate infrastructure. (4 buildings of SC i.e. Nasibpur, Balidipa, Paltagarh and Nanda belong to RHU&TC, Singur & 1 SC building, i.e. Dewanvery belongs to West Bengal Govt.)

- Laboratories – 2 (One in each PHC)

Functions of RHU&TC, Singur

- Teaching & Training
- Field Studies
- Delivery of Health Care Services

Objectives

- To provide rural field training of various UG, PG and Paramedical courses in Public Health.
- To help in performing Public Health (Field) Research by Students and Experts.
- To provide Primary Health Care in its service area including Public Health Surveillance and Outbreak Management.
- To provide Laboratory Services (Public Health Lab/ Biochemistry Lab) & Sanitary Engineering Services (Construction/Disinfection of Tube wells).
- To implement National Health Program in service area.
- To generate awareness regarding various Health Programs and Health and Hygiene to all the beneficiaries under the service area.

Teaching activities

Community exposure including development of skills of Community Diagnosis was provided to PG Students of the institute as per curricular activity of MD (CM), MPH (Epidemiology), M.Sc (Applied Nutrition), DPH, DHPE, MVPH, DPHM, DHS students of the Institute. In addition, Post Graduates, Undergraduates and Paramedical students from various institute in the country also participate in field training Program in Public Health at RHU&TC Singur.

Resources

- [Officers' Profile](#)

SI No	Name		Designation	Educational Qualification	E-mail & Contact No.
1	Dr. Ananda Kr. Biswas		Chief Medical Officer(NFSG), Officer-in-charge.	MBBS	dranandakrbiswas311268@gmail.com 9432416735 / 9007898395
2	Dr. Shamita Mandal		Chief Medical Officer(NFSG)	MBBS,DPH	shamita777@hotmail.com 8910197040
3	Dr. Kausik Das		Senior Medical Officer	MBBS	dr.kausik81@gmail.com 9733726059
4	Dr. Snigdha Basu		Chief Medical Officer	MBBS,DMCW	dr.snigdhbasu@gmail.com 9432200136
5	Dr. Amalendu Roy		Senior CMO, SAG Ex-Additional Director & Ex-Officer In-charge	MBBS	amalendu.roy1958@gmail.com 9051096053
6	Dr. Subhash Chandra Mandal		Senior CMO, SAG Ex-Officer In-charge	MBBS,DCH	drscmandal1958@gmail.com 9038187589 / 9432012665
7	Dr. Saurav Ghosh		Medical Officer	MBBS	doctorsouravghosh@gmail.com 9831490480

8	Dr. Soumya Patra		Medical Officer	MBBS	soumya2404@gmail.com 7362906306
9	Dr. Akhilesh Kumar		Medical Officer	MBBS, MD	akhileshrims@gmail.com 9110156584
10	Dr. Sourav Sinha		Medical officer	MBBS,MD	sinha@gmail.com 9051387141

Activities

Field-based training as per curricula was provided for courses of other institutes:

S.No	Institution	Course	Duration	Village
1	AIIH&PH	M.Sc. Applied Nutrition & Dip.Diet	28/2/2022-11.3.2022	Hakimpur
2	College of Nursing Eastern Command Hospital, Kolkata	B.Sc. Nursing (4th yr) & M.Sc. Nursing (2nd yr)	14.3.2022-01.04.2022	Nasibpur
3	GMC Raigarh Chhattisgarh	Intern MBBS	24.3.2022	RHU&TC
4	AIIH&PH	DHPE	21.3.2022-22.4.2022	Chhinamore
5	College of Nursing Eastern Command Hospital, Kolkata	B.Sc. Nursing (4th yr) & M.Sc. Nursing (2nd yr)	4.4.2022-8.4.2022	Nasibpur
6	Govt. College of Nursing, Bankura	M.Sc. Nursing	25.4.2022-20.5.2022	Paltagarh
7	National Institute of Homeopathy, Kolkata	BHMS	18.5.2022	APHC,RHUTC
8	Techno India University, Kolkata, WB	B/.Sc. Nursing	23.5.2022-3.6.2022	Antisara
9	Sikkim Manipal Institute of Medical Science,	M.Sc. Nurs	30.5.2022-17.6.2022	Anandanagar

S.No	Institution	Course	Duration	Village
	Gangtok, Sikkim			
10	Calcutta Homeopathy Medical College and Hospital, Kolkata	BHMS	7.6.2022	NPHC, RHUTC
11	National Institute for Locomotor Disabilities, Bonhooghly, Kolkata	M.Sc. Nursing (1st year)	19.9.2022-30.9.2022	Chhinamore
12	AIIH&PH	Core course (2022-2025)	Oct 2022-Jan 2023	Khosalpur

Training Programs Organized For Staffs of RHUTC

Program	Date	Participating Staff
CME on MRVC Campaign	14.9.2022	HA,HW,PHN
Training on Community based Geriatric Care Programme	8.9.2022, 9.9.2022	ASHA
Training on National Health Programme	7.6.2022, 9.6.2022	All Health Staff
Training programme on SAAN	26.11.2021, 29.11.2021	ASHA, FIELD Staff
IMI workshop	21.02.2022	HA,HW,PHN
Training on CorBEvax	21.03.2022	HA,HW,PHN

Training Programme Organised at RHU&TC on Swachhata Programme

Program	Date	Participating Staff
Clean & Healthy India by Diabetes Prevention and Food Hygiene.	26.09.2022 – 27.09.2022	All Staffs of RHU&TC
Clean & Healthy India by Diabetes Prevention and Food Hygiene	14.11.2022	ASHA,Field Staff(106)
Swachhata Pakhowada Programme at RHU&TC	01.04.2022 - 15.04.2022	Antanatal Mother at clinic.(150)
Cleaning Drive on swachhata pakhowada	01.04-2022 – 15.04.2022 October 2022	All centre,subcentre
Vigilance Awareness Week 2022	31.10.2022 – 06.11.2022	All Staffs of RHU&TC

District Level Training Programs Received:

- ✓ Training on IHIP Portal entry for HW(F&M) & DEO.
- ✓ Training on Cold Chain Handler for PHN.
- ✓ Training for PCV vaccination attend by PHN.

- ✓ NID Workshop TOT attend by PHN
- ✓ TOT on True Hemoglobinometer attended by PHN.
- ✓ TOT on SAAN attended by PHN.
- ✓ Virtual Training on Dengue and other Vector borne Disease under chairmanship of District attended PHS & PHNS.

Service to the Community

[SOURCE OF INFORMATION: The data depicted in this report have been derived from two Primary Health Centres namely Anandanagar PHC, Nasibpur PHC ; 12 units; Administrative Office of RHU&TC, Singur, Sanitary Dept.]

Patient care services: (Provided through 2 PHCs & 12 Units)

- PHC Population
 - Anandanagar PHC Population - 49025
 - Nasibpur PHC Population – 53035

Unitwise Population:

Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8	Unit 9	Unit 10	Unit 11	Unit 12
7550	8847	8740	8108	7376	8405	8998	11578	10800	8296	6891	6471

Activities of Primary Health Centre

- Emergency services - Round the clock with 6 bedded indoor facility.
- OPD services.
- Laboratory services - Routine tests/investigations relating to sputum, blood, urine and stool etc.
- MCH Services - Routine Immunization, Antenatal advice and counselling on safe deliveries, Post natal follow ups, Management of other Gynaecological problems, Management of Newborn and childhood diseases and Diagnosis & Treatment of other diseases. Identification and management of any complication.
- Family Welfare Services– Counselling on birth spacing, Motivation for male & female sterilization, CuT Insertion,
- Latest Bio Medical waste guidelines are being followed & waste segregated according to segregations by norms.
- Health Education Services.

Outpatient Dept.& Indoor Report

Diseases Clinical & Lab based	Emergency	OPD
Diarrhoea	61	82
Helminths	21	32
Other GI (Acidity /pain /indigestion)	103	289
ARI	157	794
Fever	126	586
Fever with Rash	111	223
Vector borne disease	35	41
Skin disease	237	696
STD/RTI	87	356
Musculoskeletal	293	2423
TB	4	16
Hypertension	324	2351
Diabetes	146	1222
Anemia	16	89
Antenatal &Postnatal	112	1234
Gynecological	81	391
Respiratory(expect ARI/TB)	124	541
Others	359	1090
Total	2397	12456

Performance report of Public Health Laboratory

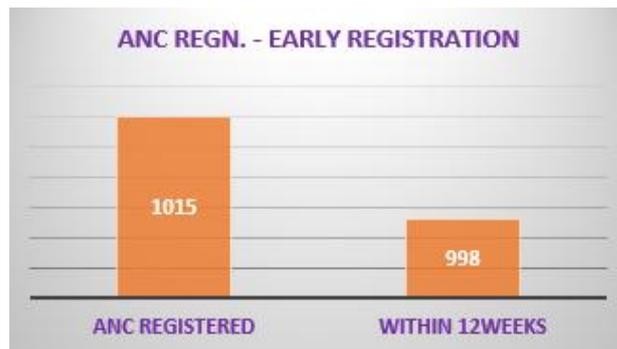
Pregnancy Profile		General Patient	
Grouping & RH factor	641	Blood	-
HBsAg	642	Glucose	-
Blood Sugar	642	Fasting	950
Hemoglobin	642	Post prandial	1475
<11 gm	214	Cholesterol	400
<7 gm	1	Uric Acid	255
Urine	635	Routine Blood Examination	
Albumin	35	TC	262
Sugar	2	DC	262
Pregnancy Test	242	ESR	255
VDRL	643	Malaria Slide	
		Tested	225
		Positive	0

Sputumfor AFB(Routine Activity)	
Diagnostic	79
Follow up	38
SPUTUM for AFB during ACF activity - 7.2.2022 – 22.2.2022, 7.8.2022 – 31.8.2022)	

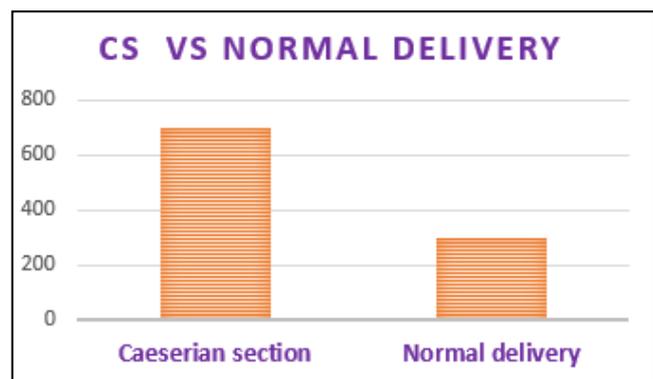
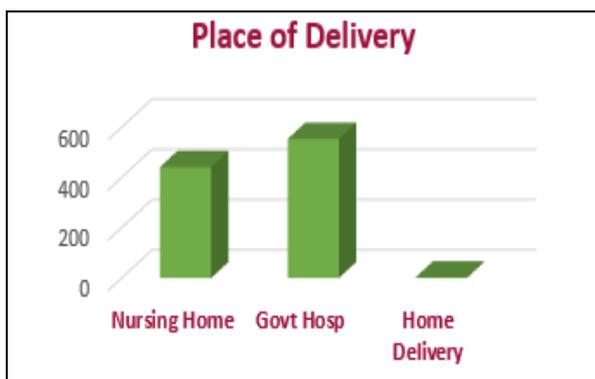
Tested	365
Positive	3
Sputum for AFB - community based screening in GPs under NTEP (9.5.2022, 30.5.2022, 5.7.2022, 24.6.2022)	
Tested	141
Positive	0

Community/Public Health Services

														
--- Maternal Health ANTENATAL SERVICE														
ANC REGISTERED	WITHIN 12 WEEKS	TD1/Td2	TDB	Hb% below 11 gm	Hb% below 7 gm	ANC-180 IFA	ANC-360 Calcium Tablet	Albendazole Tab > 12 WKS	4 or more ANC Check up	HIV test	Syphilis test	OGTT	HBsAg test	JSY & PMMVY beneficiary
1015	998	976	38	367	4	896	785	998	942	998	998	516	642	Implemented



Pregnancy Outcome & Postnatal Care														
Total Delivery -- 999														
Caesarian section	Normal delivery	Live birth-Male	Live Birth -Female	Birth wt. > 2.5 kg	Birth Weight < 2.5 kg	Nursing Home	Govt Hosp	Home Delivery	Twin Delivery	Abortion (Spontaneous)	Stillbirth	Infant Death	6 HBNC by ASHA	Ligation
701	298	497	494	772	219	442	554	3	5	51	13	8	763	251



CHILD IMMUNISATION PERFORMANCE REPORT (SOURCE- HMIS REPORT)								
BCG	Penta 1, OPV1, RVV1, IPV1, PCV1	Penta 2, OPV2, RVV2,	Penta 3, OPV3, RVV3, IPV2, PCV2	MR1, JE1, PCVB	MR2, JE2, DPT B1, OPV B,	DPT B2	Td 10yrs	Td 16yrs
178	919	934	894	979	998	1114	1059	897

INTENSIFIED MISSION INDRADHANUSH 4.0 (February 2022, March 2022, April 2022 round)														
Target For Mission Indhradhanush		TOTAL VACCINATED												
Infant (0 - < 1 yr)	Infant (1 - < 2yr)	Pregnant Mother	BCG	1ST Dose of OPV, PENTA, RVV, PCV fIPV	2ND Dose of OPV, PENTA, RVV,	3RD Dose of OPV, PENTA, RVV, Fipv-2, PCV-2	MR1, JE1, VitA1, PCV 3	DPT, B, OPV B, MR2, JE2, Vit A 2	Fully immunization	Complied Immunization	DPTB (5 to 6 Yrs)	Pregnant Td 1	Pregnant Td 2	No. of ORS Distributed
138	33	29	0	18	23	34	23	37	23	37	25	12	6	78

COVID VACCINATION CAMPAIGN at RHU&TC, SINGUR

	COVISHIELD				COVAXIN				CorBEvax		
	1	2	B	TOTAL	1	2	B	TOTAL	1	2	TOTAL
HW	34	17	97	148	4	0	0	4	0	0	0
FW	11	26	160	197	0	0	107	107	0	0	0
45-59 YR	5827	8344	3901	18072	866	538	487	1891	0	0	0
Above 60 yrs	3622	5079	2770	11471	300	197	200	697	0	0	0
18YR above	18949	14882	5458	39289	2273	1756	702	4731	0	0	0

	COVISHIELD				COVAXIN				CorBEvax		
	1	2	B	TOTAL	1	2	B	TOTAL	1	2	TOTAL
15 - 17 yr & above	0	0	0	0	3375	3390	0	6101	0	0	0
12-14 yr above	0	0	0	0	0	0	0	0	1704	1491	3195
Total	28443	28348	12386	69177	6818	5881	1496	13531	1704	1491	3195

NATIONAL VECTOR BORNE DISEASE CONTROL PROGRAMME

	Total Number of Cases	Total Number of Hospitalized Cases	Total Number of Deaths
Malaria	5	1	Nil
Dengue	57	23	Nil

Releasing of Guppy Fish from BDO, Singur - Ayma,Nanda,Bagdanga village

Insecticide spray - Weekly spray in the identified breeding sorces.

Fever surveillace - ASHA, AWW visited house to house to do fever surveillace.

Regular survey by VRP of mosquito breeding places - House to house survey to find out breeding sources in houses, drainage, ponds.

PULSE POLIO IMMUNIZATION

- Total No. of IPPI Rounds – 3
- Total Target Children – 5550 in each round
- Total Children Covered – 97.5%
- Total House visited:- 25093

OBSERVATION OF INTEGRATED DIARRHOEA CONTROL FORTNIGHT (JULY 2022 ROUND IDCF)

- Total villages- 64
- Total Children visited-4750
- ORS distributed-4595
- Zinc Tablets – 920
- ORS-ZINC Corner established -- 14
- VHSNC Conducted – 48

- No of schools where hand washing demonstration carried out – 76

NATIONAL IRON PLUS INITIATIVE PROGRAM

- Total No of Children covered per month – 5412

HIV SCREENING AMONG ANTENATAL MOTHERS

- Total mothers screened – 1015
- Total HIV infected detected – 0

WIFS (JUNIOR WEEKLY IRON FOLIC ACID SUPPLEMENTATION PROGRAM)

- Conducted in Primary schools in RHU&TC Service area

NLEP (NATIONAL LEPROSY ELIMINATION PROGRAM)

- Total 1 cases were enrolled in previous year& were released from Treatment (RFT).

NATIONAL TUBERCULOSIS ELIMINATION PROGRAMME

Achievements under NTEP Total Case diagnosed and treated	72
Case detection rate	51%
Cure Rate	91.6%
Death	3

ACF (Active case finding for Tuberculosis) on 7/2/2022 -- 22/2/2022 , 17/8.2022 -- 31/8/2022

Total Population Surveyed	10000 (in 2 GP)
Total Team Visited	15
Total Sputum Examined	365
Sputum Positive	3

Community Based Screening of Tuberculosis suspected cases among high risk population in GP level camp (9.5.2022, 30.5.2022, 5.7.2022, 24.6.2022)

Total case screened clinically	561
Sputum tested	141
Positive case detected	0

DEMOGRAPHIC INDICATORS FOR THE SERVICE AREA (I.E. 64 VILLAGES)

INDICATOR	RHU&TC
Crude Birth Rate (per 1000Population)	10.06
Crude Death Rate(per 1000 Population)	8.46
Perinatal Mortality Rate (per 1000 Live births)	16.76
Neonatal Mortality Rate (per 1000 Live births)	9
Infant Mortality Rate (per 1000 live births)	13
1-4 Yr. Mortality Rate(per 1000 Childs)	NIL
Maternal Mortality Rate (per 100000 live births)	NIL
Contraceptive Use Rate (in %)	76
Early Registration Of Pregnancy in %	98.32
Institutional Delivery in %	99.6
Immunisation Coverage in %	99.05

Sanitary Engineering Section

Nature of Work	Total Number
Disinfection of Tube Well & Tube well Platform	171
Tube Well Repairing	09
Water sample collection for Routine Chemical Analysis of water Sample	02
Routine Chemical Analysis of water sample	02
Classes taken on method of chemical Analysis of drinking water	09
Demonstration given on Environmental Sanitation.	09
Give Awareness to the villagers of the service area during disinfection work about utility of keep the tube well platform clean to avoid source contamination in drinking water (No of village cover)	23
Dengue awareness in the villages	20
Carpentry Repairing work at office (In Days)	42
Tap Cock Repairing at Office	06
Repairing of Demonstration corner during student programme (in Weeks)	3
Supervision of Construction of Latrine and Tubewell, during student Programme.	



Supervision of Construction of Latrine and Tube Well , during student Programme



Clean & Healthy India by Diabetes Prevention and Food Hygiene



Awareness on Immunisation Schedule at VHND Session with M.Sc. nursing student
S.S.K.M Hospital



MRVC Sensitization of ASHA

Urban Health Unit & Training Centre

The Urban Health unit & Training Centre, Chetla is urban field practice area of All India Institute of Hygiene & Public Health, Kolkata. This Centre established in 1955. This centre is oldest of its kind in South East Asia along with its unique public health practice field. This centre provides community-based learning opportunity and quality teaching / training, not only to the public health students of the Institute but also from other health institutions of India and abroad. This centre offers best possible integrated health care service to the community mostly the slum dwellers, both in the clinical setting and in the community. Total field Practice area of Urban Health Unit & Training Centres about 3.9 Sq. Km with population 1, 02045 divided predominantly in KMC ward 74 & 82.

Functions of Urban Health Unit & Training Centre

- Teaching & Training: UHU&TC provides community based learning opportunity in view to generate skilled public health manpower.
- Investigations & Research: Mostly need based operational and health system research.
- Services to the Community: Integrated facility and community based preventive, promotive and curative services.
- Surveillance, Outbreak Investigation & Containment Measures
- In National emergencies as per directives of Government of India.

TEACHING & TRAINING:

- M.D. (PSM) AIIH&PH, Kolkata
- MVPH, AIIH&PH, Kolkata
- MPH, AIIH&PH, Kolkata
- M.Sc. (Applied Nutrition) AIIH&PH, Kolkata
- M.Sc. (Nursing) from different colleges of Kolkata, WB, and All India
- PhD (whenever enrolled in teaching Departments of AIIH&PH)
- DPH, AIIH&PH, Kolkata
- DHPE, AIIH&PH, Kolkata
- Dip Diet, AIIH&PH, Kolkata
- B.Sc.(H) (Nursing) from colleges of Kolkata, WB, and All India
- GNM from different Nursing schools of Kolkata

Resources

Officers' Profile



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Dr.Bokam Usha Rani Medical Officer M.B.B.S

E-mail: usharani.b25@gmail.com Mobile No.: 76800
27145

Training Programme Organized

No of Batches--- 21

No of Students----335

SI No	Name Of Programme	Duration/Dates	No. of participants	Institute
1	Field Training Programme of Post Basic B.Sc. Nursing Students	4 Wks. (15.02.22-11.03.22)	57	College of Nursing, Medical College Hospital, Kolkata.
2.	Field Training Programme of GNM Students	4 Wks. (28.02.22-25.03.22)	98	School of Nursing, ESI Hospital, Manicktala, Kolkata.
3.	Educational Visit of Interns (MBBS) & Faculty	One Day (23.03.22)	8+2=10	GMC, Raigarh(CG)
4.	Field Training Programme of B.Sc. Nursing Students	4 Wks. (4.4.22-29.4.22)	47	College of Nursing, R G Kar Medical College Hospital, Kolkata.
5.	Field Training Programme of M.Sc. Nursing Students	4 Wks. (4.4.22-29.4.22)	10	College Of Nursing, RG Kar Medical College Hospital, Kolkata.
6.	Field Training Programme of M.Sc. Applied Nutrition & Dip. Diet Students	3 Wks. (25.04.22-13.05.22)	17+5=22	AIIH&PH, Kolkata.
7.	Field Training Programme of B.Sc. Nursing(Final Yr.) Students	2 Wks. (02.05.22-13.05.22)	23	College of Nursing, Eastern Command Hospital, Kolkata.
8.	Field Training Programme of M.Sc. Nursing Students	3 Wks. (02.05.22-20.05.22)	08	College of Nursing, Eastern Command Hospital, Kolkata.
9.	Field Training Programme of B.Sc. Nursing (2nd Yr.) Students	1 Wk. (17.05.22 -20.05.22)	30	College of Nursing, Eastern Command Hospital, Kolkata.
10.	Field Training Programme of ANM (R) Students(2 nd yr.)	3 Wks. (17.05.22-03.06.22)	30	ANM Training School. Vidyasagar S G Hospital, Kolkata.
11.	Field Training Programme of ANM (R) Students (2 nd yr.)	3 Wks. (06.06.22-24.06.22)	30	ANM Training School. Vidyasagar S G Hospital, Kolkata.
12.	Field Training Programme of M.Sc. Nursing Students	4 Wks.(06.06.22-30.06.22)	05	College of Nursing, IDBG Hospital, Kolkata.
13.	Field Training Programme of M.Sc. Nursing Students	1Wk (20.06.22-24.06.22)	04	Sikkim Manipal Institute of Medical Science. Manipal, Sikkim.

SI No	Name Of Programme	Duration/Dates	No. of participants	Institute
14.	Field Training Programme of B.Sc. Nursing(2ndYr & 4th yr.) Students	2 Wks.(04.07.22-15.07.22)	55	Aliah University Kolkata.
15.	Field Training Programme of B.Sc.Nursing (2ndYr & 4thyr.) Students	2 Wks.(18.07.22-29.07.22)	55	Aliah University Kolkata.
16.	Field Training Programme of ANM (R) – 1st yr. Student	2 Wks.(01.08.22-12.08.22)	35	ANM Training School. Vidyasagar S G Hospital, Kolkata.
17.	Field Training Programme of ANM(R)-1 ST Yr. Students	2 Wks. (16.08.22-26.08.22)	37	ANM Training School, Vidyasagar SG Hospital,Kol
18.	Field Training Programme of ANM(R)-Ist yr. Students	2 Wks. (29.08.22-09.09.22)	35	ANM Training School, Vidyasagar SG Hospital, Kolkata.
19	Field Training Programme of Sanitary Health Inspector (Internship)	2 Wks. (12.09.22-23.09.22)	04	AIIH&PH, Kolkata.
20.	Training Programme on Health & Hygiene	1 day -15.09.2022	36	IswarSankalpa
21.	Internship programme for the students of Dip diet & applied nutrition	15 days	20	Arranged by all the units of UHU&TC,Chetla

AWARWNESS PROGRAMMES AT UHU&TC, CHETLA

Total Awareness Programme---05 Total Participants----139

SI No	Name of the Programme	Date & Place	No & Type of Participants	Organized by
01.	Importance of Girl Child in the Society	25.02.2022 Nabadiganta Club, UHU&TC,Chetla	28 Eligible Couple & Mother.	B.Sc. Nursing Stds& MCH Section of UHU&TC,Chetla
02.	Prevention of Anaemia	11.03.2022 MD Lane, UHU&TC,Chetla	25 Eligible Couple & Mother.	BSc Nursing Stds& MCH Section of UHU&TC,Chetla

SI No	Name of the Programme	Date & Place	No & Type of Participants	Organized by
03.	Diabetes	28.04.2022 50 Alipur Rd, UHU&TC, Chetla	25 Community People	BSc Nursing Stds& MCH Section of UHU&TC,Chetla
04.	Health Awareness programme on Environmental Sanitation & Prevention & Control of Vector Borne diseases	30.06.2022 10, Gobinda Auddy Rd, UHU&TC, Chetla.	26 Community People	BSc Nursing Stds& MCH Section of UHU&TC,Chetla
05	Awareness programme on Non-Communicable Diseases (NCDs)	14.11.2022-25.11.2022 UHU&TC, Chetla	35 NCD Patients	M.Sc. (Applied Nutrition and Dip. diet)

DAY CELEBRATIONS

SI No	Name of the Day Celebration	Date	No of Participants	Place
1	World Leprosy Day	31.1.2022	11	School health clinic
2	World Cancer Day	4.2.2022	7	School
3	National Deworming Day	11.2.2022	6	School
4	National Science Day	28.2.2022	31	School health clinic
5	National Oral Hygiene Day	8.3.2022	39	School
6	National Vaccination Day	16.3.2022	21	School health clinic
7	World Oral Health Day	21.3.2022	21	At school
8	World Water Day	22.3.2022	41	At school
9.	World TB Day	24.03.2022	19+10(DTO,AD, MO& other staffs)	Community hall, arranged by the TB unit
10.	World Health Day	7.4.2022	33	At school
11.	World Malaria Day	25.4.2022	14	School health clinic
12.	World Asthma Day	4.5.2022	27	School
13.	World Thalassaemia Day	9.5.2022	7	Clinic
14.	World Literacy Day	8.9.2022	22	At school
15.	World Hepatitis Day	28.7.2022	11	At school

MCH ACTIVITIES OF UHU&TC, CHETLA

(DECEMBER -2021 TO NOVEMBER-2022)

	DATA ITEM	TOTAL
A	ANC SERVICES	
1	Total No of ANC Reg.	51
2	ANC Registered within 1st trimester	51
a.	Total antenatal mother under MCH care	186
3	ANC-TT.1	51
4	ANC-TT.2	46
5	ANC-TT.Booster	03
6	ANC-180 IFA Tablet	119
7	ANC-360 Calcium Tablet	119
8	ANC-1 Albendazole Tab > 12 Wks.	22
9	4 or more ANC Check up	80
B	PNC Service	
A.	Total post-natal mother under MCH care	87
1	PN Mother -180 IFA Tab	188
2	PN Mother -360 Ca Tab	180
C	FP Services	
1	No of OCP Distributed	609
2	No of Condom pcs Distributed	10400
3	No of Injectable Contraceptive (Antara Prog.)	199
4	No of Centchroman (Wkly) Pill Distributed	06
5	No of Pregnancy Test Kit Used	443
	Total no of children from 0-5 years under MCH care	1093
	Total no of families under MCH care	9056
	Total no of family members	39522
	Total no of eligible couples under MCH care	8786
D	CHILD IMMUNIZATION	
1	BCG	04
2	Pentavalent-1	107
3	Pentavalent-2	115
4	Pentavalent-3	222
5	OPV-0	1
6	OPV-1	107
7	OPV-2	115
8	OPV-3	222
9	PCV-1	107
10	PCV-2	77
11	PCV-BD	63
12	fIPV-1	107
13	fIPV-2	222

	DATA ITEM	TOTAL
D	CHILD IMMUNIZATION	
14	Rota Virus Vaccine -1 (RVV-1)	107
15	Rota Virus Vaccine -2 (RVV-2)	115
16	Rota Virus Vaccine -3 (RVV-3)	222
17	MR-1	144
18	JE-1	144
19	Fully Immunized-Male (9-11 months)	75
20	Fully Immunized-Female (9-11 months)	69
21	Total Fully Immunized (14+15)	144
22	MR-1 (after 1 yr. of age)	00
23	JE-1 (after 1 yr. of age)	00
24	MR-2 (16-24 Months)	179
25	JE-2 (16-24 Months)	179
26	DPT-Booster (16-24 months)	179
27	OPV- Booster (16-24 months)	179
28	DPT-5 Yrs.	181
29	TT. Td -10 Yrs.	169
30	TT.Td -16 Yrs.	107
31	Immunization Session Planned	
32	Immunization Session Held	
33	Vitamin A Dose-1st	144
34	Vitamin A Dose-5th	126
35	Vitamin A Dose-9 th	13
36	No of Child(12-59 months)-Albendazole	159
E	Childhood Diseases-	
32	Pneumonia	249
33	Diarrhoea	131
34	Tuberculosis	00
35	Malaria	00
36	Measles	01
37	AFP	00
38	No of severely underweight Children	00

SPECIAL PUBLIC HEALTH PROGRAMME, UHU&TC, CHETLA.

(DECEMBER-2021 TO NOVEMBER -2022)

- **OUTREACH SESSION.URBAN HEALTH & NUTRITION DAY (UHND)-**
 No of session held ----- 14
 No of Beneficiaries Attended-----380
- **IDCF (INTENSIFIED DIARRHOEA CONTROL FORTNIGHT)-FROM 15.07.2022 TO 30.07.2022**
 No of under five children covered----- 551
- **VAS (BI-ANNUAL VITAMIN A OIL SUPPLEMENTATION PROGRAMME)-**
 December-2021 :357
 June-2022:401
 Total:758
- **WORLD POPULATION CONTROL FORTNIGHT (12.7.2022 TO 31.7.2022)**

Method	No of beneficiaries
Oral pill distributed (OCP)	134 cycle
Conventional contraceptive distributed (cc)	3050 pcs
Injectable contraceptive (ANTARA)	15 doses
Emergency contraceptive pill (ECP)	Nil

Intensified Pulse Polio Programme (IPPI)--2022

Date	No of children vaccinated
19.06.2022 (SNID)	121
18.09.2022 (SNID)	80
28.02.2022 (NID)	22
Total -- 3 Session held	223

CASE BASED MEASLES – RUBELLA (M-R) SURVEILLANCE DONE 2022

Number of Cases investigated --- 09

Number of Blood Sample Collected --- 09

NEW INITIATIVE -- getting Rota virus vaccine as single dose in liquid form but the schedule of administration is same as before.

TOTAL NUMBER OF OPD CASES AT A GLANCE DURING DEC'21 TO NOV'22 (DEPT. OF STATISTICS)

Month by Disease & Code	Dec-21	Jan-22	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Total
Total Registration Patients	2299	2492	1985	2107	1706	1948	2107	2113	2840	3045	2108	2548	27298
Male	943	1038	783	852	711	824	882	946	1437	1594	987	1169	12166
Female	1356	1454	1202	1255	995	1124	1225	1167	1403	1451	1121	1379	15132
Total Treated Patients	2061	2322	1818	1891	1602	1832	1955	2025	2486	0	0	0	17992
Male	865	974	706	792	709	783	830	903	1257	0	0	0	7819
Female	1196	1348	1112	1099	893	1049	1125	1122	1229	0	0	0	10173
Total Fever Cases -1	179	102	50	48	47	75	112	228	558	0	0	0	1399
Total Injuries -2	78	121	96	120	113	128	135	110	115	0	0	0	1016
Total GIT Disorders -3	154	132	149	169	167	165	175	180	181	0	0	0	1472
Total Skin Disorders -4	226	149	166	136	142	196	214	214	200	0	0	0	1643
Total ARI -5	483	813	395	416	247	321	362	379	447	0	0	0	3863
Total other Infections -6	38	57	53	54	37	80	76	74	84	0	0	0	553
Total vitamin Deficiency diseases -7	12	18	30	16	21	23	27	21	24	0	0	0	192
Total NCDs -8&9 -	682	697	742	834	716	701	745	697	766	0	0	0	6580
Other Reasons -10	209	233	137	98	112	143	109	122	111	0	0	0	1274
Total	2061	2322	1818	1891	1602	1832	1955	2025	2486	0	0	0	17992

PUBLIC HEALTH LABORATORY REPORT–DECEMBER'2021 TO NOVEMBER'2022

The total number of tests performed by Public Health Laboratory is 14384 break-ups of which is given below. It covers all patients referred by clinics run by the centre including Malaria Control Programme, RNTCP. It also covers other field and student programme of UHU & TC, Chetla.

Month	Total Hb %	Male Hb%			Antenatal Female Hb%			Other Female Hb%			TC	DC	ES R	Haematology others
		Hb% 13 gm.dl & above	Hb% below 13 gm.dl	Hb% below 7 gm.dl	Hb% 11 gm.dl	Hb% below 11 gm.dl	Hb% below 7 gm.dl	Hb% 12 gm.dl & above	Hb% below 12 gm.dl	Hb% below 7 gm.dl				
Dec'21 to Nov'22	1228	454	127	01	34	22	00	380	191	07	1542	1542	795	30

MONTH	SPUTUM FOR AFB DIAGNOSIS PATIENT		SPUTUM FOR AFB FOLLOW-UP PATIENT		TOTAL SPUTUM FOR AFB SLIDE			Blood GROUP							
	Total	+ve	Total	+ve	Total	+ve	-ve	A (+)	A (-)	B (+)	B (-)	AB (+)	AB (-)	O (+)	O (-)
Decr'21 to Nov,22	184	17	41	06	407	40	338	23	01	44	00	15	00	41	01

Month	HCG	Typ hoid	Ra factor	C.R.P .	ASO Titre	HBs Ag	H C V	VDRL	MALARIA
Month Dec,21 to Nov,22	Total:39 Positive:13 Negative:26	Total test: 125	64	47	27	58	1	56	Total test done:3924. Positive:523(Vivax: 393, Falciparum:130 (Negative:3401

Month	BLOOD SUGAR	URINE SUGAR	CHOLESTEROL	Triglyceride	HD L	LD L	VL DL	Uric Acid	URINE	URINE ME	STOOL RE	STOOL ME	OPC POS	OBT
Dec' 21 to Nov' 22	1477	640	270	270	270	270	270	266	1314	365	70	70	00	08

TOTAL NO. OF TESTS: 14384

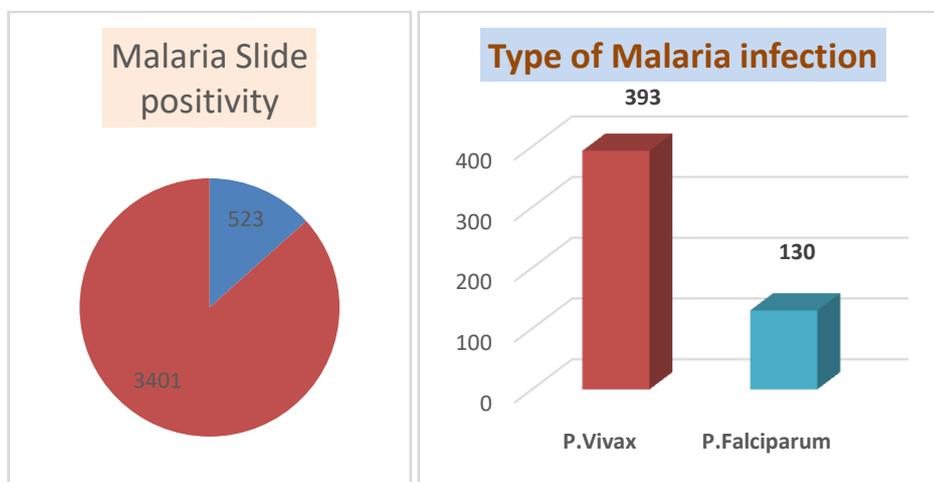
TOTAL NO. OF SAMPLES : 6581

TOTAL NO. OF PATIENTS : 5700

Total tested Malaria slides:3924

Positive:523 (P. Vivax:393. P.Falciparum:130)

Negative:3401



ANNUAL REPORT OF TB UNIT

MONTH OF DECRMBER-21 TO NOVEMBER- 2022

	Dec-21	Jan	Feb	Mar	April	May	June	July	Aug	Sep	Oct	Nov-22	Total
1. TOTAL NUMBER OF TB CASES :	2	3	8	6	3	7	5	2	2	5	0	3	46
PULMONARY:	2	2	5	2	3	7	4	2	2	4	0	2	35
EXTRA PULMONARY :	0	1	3	4	0	0	1	0	0	1	0	1	11
2. NEW SMEAR POSITIVE :	1	1	5	2	3	6	3	1	1	3	0	1	27

SMEAR NEGATIVE	0	0	0	0	0	0	0	0	1	0	0	0	1
EXTRA PULMONARY :	0	1	2	4	0	0	1	0	0	1	0	1	10
3. RE-TREATMENT CASES :	0	1	1	0	0	0	1	1	0	1	0	0	5
SMEAR POSITIVE :	0	1	0	0	0	0	1	1	0	1	0	0	4
SMEAR NEGATIVE :	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTRA PULMONARY :	0	0	1	0	0	0	0	0	0	0	0	0	1
CBNAAT	1	0	0	0	0	0	0	0	0	0	0	1	2
4. CATEGORY - I :	2	2	7	6	3	6	4	1	2	4	0	3	40
CATEGORY -II :	0	1	1	0	0	0	1	1	0	1	0	0	5
7. TREATMENT OUT COME :	6	1	7	1	3	1	3	3	5	3	2	4	39
CURED CASE :	5	1	3	0	2	1	1	1	3	2	2	4	25
TREATMENT COMPLETED CASE :	1	0	0	1	1	0	1	2	2	1	0	0	9
NUMBER OF DEATH CASE :	0	0	3	0	0	0	0	0	0	1	0	0	4
NUMBER OF FAILURE CASE :	0	0	0	0	0	0	0	0	0	0	0	0	0
NUMBER OF DEFAULTER CASE :	0	0	0	0	0	0	0	0	0	0	0	0	0
NUMBER OF ADMISSION CASE :	0	0	0	0	0	0	0	0	0	1	0	0	1
NUMBER OF REFERRED CASE:	0	0	1	0	0	0	1	0	1	0	0	0	3
8. TOTAL NO. OF HIV POSITIVE CASE :	0	0	0	0	0	0	0	0	0	0	0	0	0
9. TOTAL NO. OF MDR CASE :	0	0	0	0	0	1	0	0	0	0	0	0	1
10. TOTAL NO. OF MALE CASE :	2	3	4	3	3	5	5	2	1	5	0	3	36
11. TOTAL NO. OF FEMALE CASE :	0	0	4	3	0	2	0	0	1	0	0	0	10
12. TOTAL NO. OF CHILD CASE :	0	0	1	0	0	0	0	0	0	0	0	0	1
13. TOTAL NO. OF XDR CASE :	0	0	0	0	0	0	0	0	0	0	0	0	0

SCHOOL HEALTH CLINIC REPORT:

- School Health OPD clinic: Conducted thrice in a week, Total Six (06) hours.week,
- Total no of clinic sessions:132
- Total no of attended patients:1282(Male:671, Female:611)
- Adolescent Friendly Health Clinic(AFHC):conducted twice.month, two (02) hours.month
- Total no of conducted sessions: Seventeen (17)
- Total no of attended patients: Forty-nine (49) (Males:24, Females:25)

MENTAL HEALTH CLINIC:

- Consultant Psychiatrist attends mental Health Clinic twice in a month
- Total no of clinic:20, total attended patients:57(Male:29, Female:28)
- Mr. Dilip Kumar Baidya.Social Worker assists the Consultant Psychiatrist. He also registers, Counsels patients & family members.

STATISTICS UNIT:

- Staffs: Goutam Kumar &Subodh Kumar Barua.do registration & compilation of OPD patient
- They attend NCD clinic to measure Height, weight & BMI once a week.

EPIDEMIOLOGY UNIT:

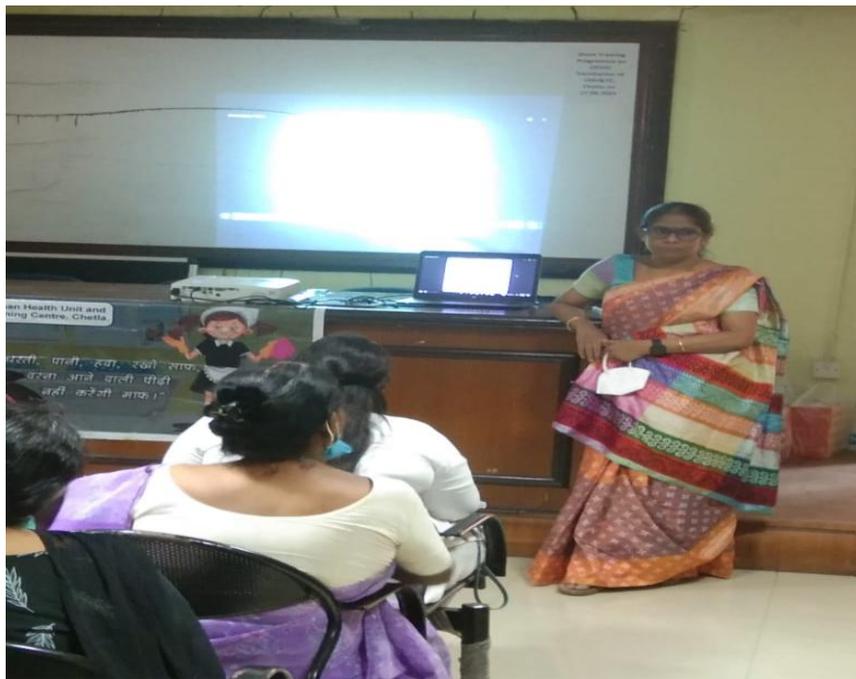
- Staffs: Chhottu Ram Saren&BarunKarmakar.
- Both of them attend NCD clinic once a week for measurement of Blood Pressure.,
- Registration of OPD patients once a week.
- BarunKarmakar attends school health unit &Chhottu Ram Saren attends Occupational health unit.
- **Dr.Amitabha Dan**, PHS(SAG) &AD, UHU&TC, Chetla is a member of Tender Evaluation Committee & Bio medical waste management committee, Swatch Bharat committee.
- **Dr.Ketaki Sharma**, CMO(NFSG) is acting as a Nodal officer for Swatch Bharat Committee of UHU&TC, Chetla.
- She is also a member of Medical bill scrutiny committee.
- **Dr.Rajarshi Chakraborty**.SMO is a member of Vigilance Committee

For Administrative Departments:

- Action taken regarding audit observation as per format – annexure – I
- Percentage of Employee with Disabilities (PWDs): less than 1%



Training programme on Swachhata for the inmates of IswarSankalpa (NGO, home for the destitute women)



Training programme on Swachhata for the inmates of IswarSankalpa (NGO for the destitute women)



Use of Sanitary Napkin vending machine for sanitary pads by the patient



Provision of Safe drinking water for OPD patients

Our Students

Name of the Course (Session)	No. of Students
MD(Community Medicine) - 2019 - 2022	07
MD(Community Medicine) - 2020 - 2023	18
MD(Community Medicine) - 2021 - 2024	20
MD(Community Medicine) - 2022 - 2025	18
M.P.H. (Epidemiology) - 2019 -2022	03
M.P.H. (Epidemiology) - 2020 -2023	05
M.P.H. (Epidemiology) - 2021 -2024	04
M.P.H. (Epidemiology) - 2022 -2025	05
MVPH - 2020 - 2022	05
MVPH - 2021 - 2023	11
M.Sc. in Applied Nutrition - 2020 - 2022	15
M.Sc. in Applied Nutrition - 2021 - 2023	13
M.Sc. in Applied Nutrition - 2022 - 2024	16
Post Graduate Diploma in Public Health Management- 2021-2022	04
Post Graduate Diploma in Public Health Management- 2022-2023	01
Diploma in Health Statistics - 2021-22	02
Diploma in Health Statistics - 2022-23	01
Diploma in Dietetics - 2021 - 2022	06
Diploma in Dietetics - 2022 - 2023	13
Diploma in Health Promotion and Education- 2021 - 2022	08
Diploma in Health Promotion and Education- 2022 - 2023	17
M.Sc. in Public Health(Maternity & Child Health) -2022-2024	06
M.Sc. in Public Health (Health Promotion) – 2022-2024	04
Total	202