



# ANNUAL REPORT 2024



**All India Institute of Hygiene & Public Health, Kolkata**

Ministry of Health & Family Welfare  
Government of India

## CONTENT

<i>Topic</i>	<i>Pages</i>
Messages from Hon'ble HFM	I
Messages from Hon'ble MoS	iii
Message from DGHS	v
Message from the Director	vii
Vision, Mission and Goals	1
Overview of AIIHPH	2
Organization Chart	6
New Initiative Achievements	7
<i>Academic Wing</i>	
Health Promotion & Education	11
Microbiology	15
Statistics	22
Information Technology	31
Infrastructure Management & Development	33
Preventive and Social Medicine	35
Occupational Health	51
Epidemiology	61
Public Health Administration	71
Maternal & Child Health	77
Public Health Nursing	82
Bio-Chemistry & Nutrition	84
Sanitary Engineering	90
Library	93
Hindi Section	94
Bidhan Nagar Campus	96
<i>Field Units</i>	
Rural Health Unit & Training Centre, Singur	101
Urban Health Unit & Training Centre, Chetla	110
Human Resource Movement	124
Out Students	126





जगत प्रकाश नड्डा  
JAGAT PRAKASH NADDA



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

### MESSAGE

It gives me immense pleasure to know that All India Institute of Hygiene and Public Health, Kolkata is celebrating its 93<sup>rd</sup> foundation day on 30<sup>th</sup> December, 2024 by marking the event with a theme "**Building Safer Workplace for Healthcare Workforce**".

All India Institute of Hygiene and Public Health, Kolkata is a pioneer institution established in 1932. The Institute has made notable contributions towards the public health. The theme for the event is very much pertinent as recently there is rise in the incidence of violence against the health care workforce due to multifaceted issues.

There is need of upskilling of communication skills among health care workforce during their under-graduation and post-graduation, increase in human resources for health and also exploring the legal side, if required. I am confident that deliberations in the scientific session will come out with tangible recommendations on this issue.

I hope that All India Institute of Hygiene & Public Health, Kolkata will continue to play its role in capacity building in the field of public health to the satisfaction of all.

I wish all the success to the Institute and congratulate the faculty, the staff and the students who have contributed significantly to its growth.

(Jagat Prakash Nadra)

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प्रतापराव जाधव  
PRATAPRAO JADHAV



सत्यमेव जयते



राज्य मंत्री (स्वतंत्र प्रभार)  
आयुष मंत्रालय  
व  
राज्य मंत्री  
स्वास्थ्य एवं परिवार कल्याण मंत्रालय  
भारत सरकार  
MINISTER OF STATE  
(INDEPENDENT CHARGE) OF  
MINISTRY OF AYUSH AND  
MINISTER OF STATE OF  
MINISTRY OF HEALTH & FAMILY WELFARE  
GOVERNMENT OF INDIA

### MESSAGE

I am pleased to learn that All India Institute of Hygiene and Public Health, Kolkata is celebrating its 93<sup>rd</sup> foundation day on 30<sup>th</sup> December, 2024. Since inception from 1932, the Institute has been contributing to human resource development in the field of Public Health through multi-disciplinary approach. It gives me immense satisfaction to note that the Institute, keeping with its tradition, has decided to focus on "Building Safer Workplace for Healthcare Workforce"

Health care workforce faces different challenges across different levels of the healthcare system. To address this issue, it is crucial to implement necessary interventions, incorporating training on patient interaction and communication into the curriculum of healthcare students, including expediting formulation of laws.

It is pertinent to emphasize that the Government of India under the visionary leadership of Hon'ble Prime Minister Shri Narendra Modi ji and able guidance of Hon'ble Union Minister of Health and Family Welfare, Shri Jagat Prakash Nadda ji, is taking new initiatives to meet the healthcare needs of the people of India.

On this occasion, I wish all success to the Institute and applaud the faculty, staff members and students for their valuable contributions towards public health.

सर्वे भवन्तु सुखिनः । सर्वे सन्तु निरामयाः ।

(Prataprao Jadhav)

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पुण्य सलिला श्रीवास्तव, भा.प्र.से.  
सचिव

**PUNYA SALILA SRIVASTAVA, IAS**  
Secretary



सत्यमेव जयते



भारत सरकार  
स्वास्थ्य एवं परिवार कल्याण विभाग  
स्वास्थ्य एवं परिवार कल्याण मंत्रालय  
Government of India  
Department of Health and Family Welfare  
Ministry of Health and Family Welfare



### MESSAGE

I am delighted to extend my congratulations to the All India Institute of Hygiene & Public Health, Kolkata, on completion of its 93<sup>rd</sup> Foundation Day on 30<sup>th</sup> December, 2024 and proposed release of Annual Report of the Institute for the year 2024.

The Institute has selected "**Building Safer Workplace for Healthcare Workforce**" as the theme of the scientific session of the Foundation Day. I wish the participants fruitful and productive deliberations.

My best wishes to the Faculty, Staff and Students of the Institute as it continues to render yeoman's service in the field of public health.

Date : 15.01.2025  
Place : Delhi

*Punya Salila*  
(Punya Salila Srivastava)

टीबी हारेगा देश जीतेगा / TB Harega Desh Jeetega

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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 very glad to know that All India Institute of Hygiene & Public Health, Kolkata, is observing its 93<sup>rd</sup> Foundation Day on 30<sup>th</sup> December, 2024. The Institute has been playing an important role in the country through its teaching, training and research activities in various fields of public health. The theme of this year's foundation day is "**Building Safer Workplace for Healthcare Workforce**".

The selection of theme of the scientific session is a right step in the direction for bringing out ideas for prevention of violence against health care professionals that requires multi-disciplinary intervention, advocacy and community participation. However, it is a complex issue and will require a strong desire to take the right steps.

I hope that this institute will continue its service towards capacity building in health manpower and render valuable services in the years to come.

I congratulate and wish success to the institute.

(Atul Goel)

**New Delhi**  
**10<sup>th</sup> December 2024**



**प्रो. (डॉ.) रंजन दास**

निदेशक

*Prof. (Dr.) Ranjan Das*

MBBS, MD, C Epid, PGC HFWM, PGC HM  
Director

अखिल भारतीय स्वास्थ्य विज्ञान एवं जन स्वास्थ्य संस्थान  
All India Institute of Hygiene and Public Health  
सीरम विज्ञानी एवं रासायनिक परीक्षक, आईओएसके, कोलकाता  
Serologist & Chemical Examiner, IOSK, Kolkata  
राज्य एनसीडीसी अधिकारी, पश्चिम बंगाल  
State NCDC Officer, West Bengal  
पत्तन स्वास्थ्य अधिकारी, प.स्वा.का., कोलकाता  
Port Health Officer, PHO, Kolkata



सत्यमेव जयते

भारत सरकार

GOVERNMENT OF INDIA

स्वास्थ्य एवं परिवार कल्याण मंत्रालय  
Ministry of Health & Family Welfare

स्वास्थ्य सेवा महानिदेशालय

Directorate General of Health Services

अखिल भारतीय स्वास्थ्य विज्ञान एवं जन स्वास्थ्य संस्थान  
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**From the Desk of the Director**



Let me, at the outset convey my best wishes to the students, staff, Faculty, researchers/interns and our esteemed collaborators, as this Institute observes its 93<sup>rd</sup> Foundation Day on the 30<sup>th</sup> December, 2024.

Today my joy knows no bounds when I see this apex national public health teaching, training and research institute of the Government of India established in 1932 with assistance from the Rockefeller Foundation, and under inspiration of Swami Vivekanada live up to the mandate for which it was created.

It is sheer pleasure to note that this institute has been providing the nation for nearly a century, with innovative ideas on Primary Health Care (Bhore Committee Report, 1938-45) Asia's first blood bank (1942), pour-flush toilet (1943), Arsenic treatment plant (2001-2008), and has also contributed immensely in creating new training courses and curriculum for Maternal & Child Health (jointly with UNICEF, WHO & GOI – 1930s), Industrial Health (jointly with ILO & GOI – 1950s) & MD in PSM (1970s), all well before the PG component of MCI (now NMC) was even conceptualized at national level.

It also makes me proud to share with you that all through the decades of its glorious journey, AIH&PH Kolkata has contributed immensely to various health programs at the national level especially in Capacity Building, Monitoring & Evaluation, Outbreak Investigation and Containment, including expert guidance to various Committees and Working Groups. Institute contributed immensely to scientific research including international and national projects and research publications/ awards/ honours.

The proudest moment, however, is apparently now, when the Institute's 11 specialized public health departments have effectively collaborated academically and through research, with 8 public health organizations of the Dte. Gen. of Health Services (e.g. NCDC, PHO, APHO, GMSD, RLTRI, IOSK, etc.) and with agencies like NDRE, DGFASLI, Eastern Command Hospital, VECC of Dept. of Atomic Energy, etc. including foreign universities like UNSW, Australia, etc. with new courses/having already commenced or in progress.

Contd.....Page-2....

High degree of satisfaction is also resultant to the use of new technology, viz. Drones for health care delivery, Statistical Lab. with AI compatibility, upgraded Occupational Health Lab. etc.

I am also very happy to see that the faculty, students & staff have been alive to current issues also resultant of which is this year's scientific theme for the Foundation Day - "Building Safe Workplace for Healthcare Workforce" for which I wish all the success.

Today, on the momentous occasion of 93<sup>rd</sup> Foundation Day of AIIPH Kolkata, I extend my deepest gratitude to our faculty, staff, students, alumni, and all other stakeholders for taking this institute to its current position. Simultaneously, I also call upon each stakeholder, taking cue from the venerable Swami Vivekananda to "Arise, Awake and Stop not till the goal is reached" for establishing India as *Vishwaguru* in public health teaching, training & research, and provide guidance & support to nations during pandemics and in facing non-pandemic public health challenges.

Last but not the least, I express my deep appreciation and personal gratitude to the MoHFW and the DGHS and his team for their unwavering support, blessings and having faith on us that this institution can deliver and fulfil the mandate for which it was created. Without that, it might have been impossible for us not only to reach the present position, but even to survive.

② रजत दास 23/12/24  
Prof. (Dr.) Ranjan Das  
Director

## OUR VISION MISSION AND GOALS

### *VISION*

Establish India as 'Vishwaguru' in Public Health Teaching, Training & Research, provide guidance & support to nations during pandemics and in facing non-pandemic public health challenges

### *MISSION*

Transform India into world-class center for public health education, training, and research & collaborate with international and national partners to develop a comprehensive workforce of public health professionals equipped to address all aspects of public health care, including pandemic preparedness and response

### *GOALS*

1. Develop competent work force for all Public Health Specializations /Cadres (including Specialized Nursing cadre)
2. Develop Model Centers & Laboratories (incl. Central Integrated PH lab) for delivering PH services including Priority Tropical Diseases (PTD) & State branch of NCDC
3. Develop & Strengthen Collaboration & Networking at National & International levels for specialized PH services
4. Support Research, Innovations, Evolve Best Practices & Provide Expert Technical Advice & Leadership to States/ UTs & Program Divisions of MoHFW, GoI in all fields of PH including M&E
5. Handholding of Low & Middle-Income Countries for creating highest level of specialized PH workforce including for Nursing & allied health sciences
6. Develop Consortium of PH Training institutions & "Deemed PH University"

## OVERVIEW OF THE INSTITUTE

### *Background:*

All India Institute of Hygiene & Public Health (AIHH&PH), Kolkata, was established in 1932 as Southeast Asia's first public health teaching, training, and research institute with support from the Rockefeller Foundation, U.S.A. under the inspiration of Swami Vivekananda.

The Institute subsequently developed as a premier and unique Public Health (PH) Institution of the Government of India and contributed key public health innovations viz. the Primary Health Care set-up including the outreach, subcentre, PHC and its staffing as recommended by Sir Joseph Bhore Committee (1938-45), India's 1<sup>st</sup> and global 2<sup>nd</sup> blood bank jointly with Bengal Red Cross (1942), bore-hole/ pour-flush toilets (1943) which were the precursor of modern Sulabh Shauchalay, Arsenic treatment plant (2001-08), etc.

This Institution was also associated with many other Public Health achievements, viz. NACO's initiatives in eastern India, Health and Nutritional Status of the Jarwa Tribes of the Andaman and Nicobar Islands and creating new training courses and curriculum for Maternal & Child Health (jointly with UNICEF, WHO & GOI 1930s), Industrial Health (jointly with ILO & GOI – 1950s), and MD in PSM (1970s), all well before the PG component of MCI (now NMC) was even conceptualized at national level. In order to keep pace with changing times and evolving public health scenario and requirements, AIHH&PH realigned its Vision, Mission and Goals and has modified its working also.

### *Regular courses conducted*

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). Certificate Course in Sanitary Health Inspector
3.	Epidemiology	MD in Public Health (Epidemiology).
4.	Health Promotion & Education	Diploma in Health Promotion & Education. M Sc in Public Health (Health Promotion)
5.	Maternal and Child Health	Diploma in Maternity & Child Welfare* M Sc in Public Health (Maternal & Child Health)
6.	Microbiology	Master of Veterinary Public Health.
7.	Occupational Health	Diploma in Industrial Health* Associate Fellow of Industrial Health

Sl.No.	Nodal Department*	Name of the Course(s)
8.	Preventive and Social Medicine	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	PGDPHM (Post Graduate Diploma in Public Health Management)
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 courses are 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) and the three-year MPH (Epidemiology) Course are recognised by NMC.

### *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. 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 lab, 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

Classification	Financial Year			
	2023-24		2024-25	
	RE	Expenditure	RE	Expenditure
AIHH&PH (Main)	42.00	40.98	57.50	33.52
CCTC, Singur	25.44	22.06	30.00	16.51
Capital Outlay	1.81	1.56	2.50	0.59
Total	69.25	64.60	90.00	50.62
Domestic Tour	0.28	0.19	0.28	0.12
Foreign Tour	0.00	0.00	0.00	0.00

## Manpower

Category		Sanctioned Strength		Existing Strength		No. of the post Vacant
		Gazetted	Non-Gazetted	Gazetted	Non-Gazetted	
Teaching (CHS) (Group A)	PSM	2	0	2	0	0
	Public Health	17	0	9	0	08
	Micro-biology	4	0	3	0	1
Teaching (Non-Medical) (Group A)		20	0	0	0	20
Public Health Specialist CHS (Group A)		07		04	0	03
Teaching (Non-Medical) (ISS Cadre) (Group A)		03	0	01	0	2
Non-Teaching Specialist Micro-biologist or Assistant Dir.(Micro) (Group A)		1	0	0	0	1
G.D, M.O. (Group A)		30		22		08
Assistant Director (Official Language) Group A		1		1		0
Group 'B'		13	18	4	1	26
Group 'C'		0	307	0	151	156
MTS & MTS (Technical) (Up graded Group C)			229	0	150	79
Canteen Staff Gr. 'C'			08		2	06
TOTAL		98	562	46	304	310
		660		350		

## 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.

### *Revenue Generation*

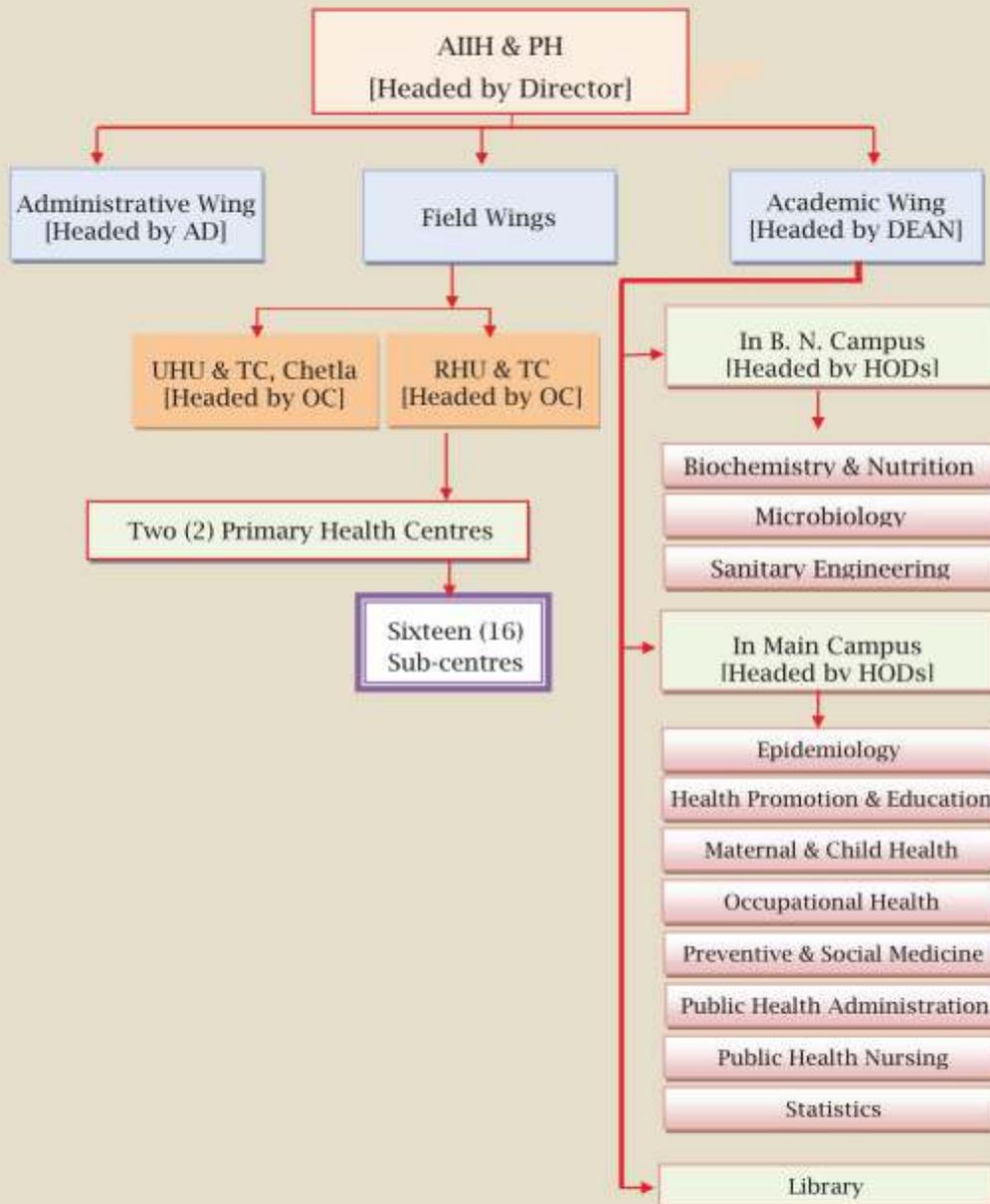
Detail of Single, Double bed rooms and Suite available at International Hostel and Guest House and total revenue received/generated (In INR) from International Hostel and Guest House at AIIHPH, Bidhannagar Campus during the period 01.12.2023 to 30.11.2024.

Sl. No.	Location	Double Bed Room	Single Bed Rooms	Suites	Revenue Generated/received (in Rs.)
1	International Hostel cum Guest House	13	09	0	13,82,750/- (Thirteen Lakh Eighty Two Thousand Seven Hundred
2	Guest House	3	0	4	Fifty)
	<b>Total</b>	<b>16</b>	<b>09</b>	<b>4</b>	<b>13,82,750/-</b>

### *Health Care Delivery:*

Various National Health Programmes viz. RMNCH+A, NTEP, NVBDCP, etc. were implemented for 68 villages through the RHU&TC, Singur and slum population of Chetla through UHU&TC, Chetla in addition to the provision of General Health Services in these areas. AIIHPH faculty members also participated in Leprosy Case detection campaign LCDC under NLEP across the country. The Institute is represented in many national level Expert Committees viz. Scrutiny Committee of Research Proposals, Stem Cell Therapy Guidelines, Fluoridation Expert group, Point of Entry guidelines, etc.

## Organizational Chart



## NEW INITIATIVES & ACHIEVEMENTS

### *New initiatives in 2024:*

- i) 3 months Associate Fellow of Industrial Hygiene (AFIH) course approved by DGFASLI, Ministry of Labour was started from August 2024. A total 23 candidates enrolled in first batch.
- ii) 12-month duration Intermediate Field Epidemiology Training program (I-FETP) for doctors working in North eastern and Eastern states of India will be started soon in collaboration with NCDC, Delhi.
- iii) National workshop on strategy for prevention of Unintentional Injury will be conducted from 30-31, Jan 2025
- iv) Upgradation of Computer Laboratory of Statistics Department with 20 new machines was done and several trainings were conducted viz. JAMOVI software, Research methodology etc.
- v) The website of AIH & PH was made up-to-date and security audit was completed by C-DAC Kolkata. Cyber security Audit for the IT was done at the main campus of AIH & PH.
- vi) Soil transmitted Helminths STH survey in 7 districts of West Bengal was conducted in collaboration with NCDC, Delhi.
- vii) Internship trainings were started in Microbiology, Statistics, Occupational health for external candidates.
- viii) Annual Capacity Building Plan for employees was prepared and all employees (357) are registered in IGOT Platform and 112 Courses have been consumed.
- ix) Collaborations effected with multiple Agencies, prominent among which are: Regional Labour Institute Kolkata, Ministry of Labour, GOI, Variable Energy Cyclotron Centre (VECC) of D/o Atomic Energy, D N De Homeopathic Medical College & Hospital, M/o AYUSH, etc.
- x) Joint Public Health Trainings & Courses with Dte. Public Health Organizations

S. N.	Dte. GHS Public Health Organisation	Joint Public Health Trainings & Courses
1.	Port Health Organization, Kol	<ul style="list-style-type: none"> <li>• Rotational posting of Resident Doctors for skill development wrt International Public Health</li> <li>• Orientation training of Point of Entry (PoE) Officers wrt International Public Health &amp; implementation research</li> <li>• Extra-mural research c ICMR &amp; PHIH</li> </ul>
2.	Air Port Health Organization, Kol	
3.	Land Port Health Organization, Petrapole (WB) & Agartala (Tripura)	
4.	Institute of Serology, Kol	<ul style="list-style-type: none"> <li>• Rotational posting of Resident Doctors for skill development wrt elimination/eradication of Polio, Measles, Rubella &amp; STI</li> <li>• Stool &amp; Sewage sample collection for Polio &amp; their laboratory characterization by RTPCR/ Molecular techniques</li> </ul>
5.	Regional Leprosy Research & Training Institute, Bankura	<ul style="list-style-type: none"> <li>• Rotational posting of Resident Doctors for skill development including Slit Skin Smear Examination (SSS)</li> </ul>
6.	Government Medical Stores Department	<ul style="list-style-type: none"> <li>• Rotational posting of Resident Doctors for skill development wrt software based modern Inventory Management</li> </ul>
7.	State NCDC Branch, WB	<ul style="list-style-type: none"> <li>• Investigation done for H9N3 &amp; H5N1 Avian Influenza in humans</li> </ul>

		<ul style="list-style-type: none"> <li>• Cholera, Measles/ Chicken Pox</li> <li>• Adeno virus disease in children</li> <li>• Containment of Avian Influenza in poultry (Jharkhand, Chhattisgarh &amp; WB)</li> <li>• State NCDC Laboratories in process of establishment</li> </ul>
8.	Regional Office of MOHFW, Govt. of India	<ul style="list-style-type: none"> <li>• M &amp; E of Implementation at District level (WB, Tripura, Sikkim &amp; Meghalaya)</li> </ul>

### *Achievements of 2024:*

Total PG Students enrolled in 2024 were 169 (NEET PG Admissions for AY 2024-25 and WBUHS counselling yet to conclude). The Institute conducted various Short Courses/ Training Programmes/ Internship for capacity building in public health.

In 2024, 36 Short Trainings for 1047 participants from different states of the country, 59 Field trainings for 1577 participants, 106 Awareness-outreach programmes for 4601 participants were conducted.

112 NDRF and SDRF personnel were trained in CBRN (Chemical Biological Radiation & Nuclear) Disaster management.

Prominent trainings include PH Emergencies Management on behalf of Disaster Management Cell of MoHFW (3 rounds) from seven North eastern states and Union territory, PH Nursing Training for Nursing Colleges across the country, and also on Mixed Method research, Research Methodology, Systematic Review & Meta-analysis, Operations Research, Scientific Writing, Foundation Course on Occupational Health, One Health, Social and Behaviour change communication, Cyber security etc.

Faculty and Residents of AIHPH have published 66 Research Papers in reputed International and National Journals and presented papers in International, National and Regional Conferences. PGTs participated and won best Paper/ Poster/ Other Awards quiz, debate, and poster contests and the prestigious ICC Young Minds Competition 2024.

### *National Expert Committees:*

The Institute is represented in many national levels Expert Committees viz. Scrutiny Committee of Research Proposals, Stem Cell Therapy Guidelines, Fluoridation Expert group, Point of Entry guidelines, etc.

### *Future aspirations:*

i) To start new courses viz. One-year Diploma in Sanitary Health Inspector course, Field epidemiology program FEP-OH on One health in collaboration with NCDC, Delhi, *two-year Master in Public Health (MPH)* course for candidates from medical and non-medical backgrounds etc.

ii) Upgradation of RHU&TC, Singur and UHUTC, Chetla as per IPHS standard

# Academic Wing



## DEPARTMENT OF HEALTH PROMOTION & EDUCATION

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. Since 1966 the department is conducting a Diploma course in Health Education and has produced more than 1200 trained manpower in Health Education and M.Sc. in Public Health (Health Promotion) was started in 2022.

### *Mission of the department*

To develop competent workforce through teaching, training, and research in the field of Health Promotion & Education.

### *Brief activities conducted by the department*

The Department of Health Promotion & Education 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 health behaviour to different Post graduate courses run by the institute viz. MD in Community Medicine, MD MPH Epidemiology SHI, DHS etc.

No. of students enrolled in different course wise:

Diploma in Health Promotion & Education (2023-24): 25

M.Sc. in Public Health (Health Promotion) 2022-24: 02 & 2023-25: 01

No. of short trainings conducted: 02

Total number of participants: 36

No. of outreach awareness programs /Observation/extension conducted: 01

Total number of participants: 60

No. dissertation and short studies conducted: 02

No. of Articles published: 01

Faculty members of the department are involved in training conducted by other department of the Institute, EMR activities and administrative activities.

Department is also involved in conducting short training programs viz. Social and Behaviour change communication, One Health, Qualitative research.

### List of faculty members

Photo	Name	Designation	Area of expertise	Mobile No.	e-mail
	Dr. C. S Taklikar	Professor & Head	Health Promotion & Education, Public Health Emergency management, One Health	9230278846	<a href="mailto:taklikarcs.aiihph@gov.in">taklikarcs.aiihph@gov.in</a>

### Incumbency position of other staff

Sr. No.	Designation	Total no. of posts	Vacant posts
1.	Photographer	01	01
2.	Stenographer	01	00
3.	Cine-Technician	02	02
4.	MTS	01	00

### Conference/Seminar/Workshop/Trainings attended or participated

Sr. No	Name of faculty	Name of the event and place	Role
1.	Prof. (Dr.) C. S Taklikar	Workshop on Public Health Emergency Management, New Delhi Dated: 11th -12th March 2024	Participant
2.	Prof. (Dr.) C. S Taklikar	Workshop on IGOT training, NIHFWS, New Delhi	Participant

*EMR duty/ Evaluation National Programs/ Other consultancies*

Sr.	Name of faculty	Nature of activity: EMR duty/ Evaluation National Programs/ Other consultancies	Role
1.	Prof. (Dr.) C. S Taklikar	Evaluation Leprosy case detection campaign under National Leprosy Eradication Program at New Delhi & NCR Dated : 9th – 12th Sep. 2024	Team Leader

*List of Publications*

Sr. No.	Publication	Authors
1.	Classroom intervention to improve behavioral intention toward regular physical activity among adolescents. Front. Public Health. (2024) 12:1260916. doi: 10.3389/fpubh.2024.1260916	Jha SS, Dobe M, Taklikar C and Lahiri A

*List of Dissertation research/ Short study*

Sr. No.	Title of dissertation/short study	Name of student	Guide
1.	Effect of Health Education Intervention on Menstrual Hygiene Management in Adolescents Girls of a selected School, Singur block, Kolkata	Dr. Sima Parween	Prof. (Dr.) C. S Taklikar
2.	A study on Effectiveness of Health Education Intervention on KAP regarding Behavioral risk factors of NCDs among Adults of rural area, Singur block, West Bengal	Ms. Megholy Roy	Prof. (Dr.) C. S Taklikar

*List of training programs*

Sr. No.	Title of training	Coordinator	No. of participants
1.	Training on “Basics and challenges of One Health” was conducted from 07.02.2024 to 09.02.2024 at Bidhan Nagar Campus participants were from Assam, Jharkhand and West Bengal were trained.	Prof. (Dr.) C. S Taklikar	17

2.	Training on “Social and Behaviour Change Communication” was conducted from 05.03.2024 to 07.03.2024 at Main campus.	Prof. (Dr.) C. S Taklikar	19
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### *New initiatives*

Fellowship Epidemiology Program on One Health to be started in collaboration with NCDC, Delhi.



**DHPE Field training at RHIUTC, Singur  
2024**



**IYCF intervention at Mollasimla village,  
Singur 9 April, 2024**



**SBCC training conducted from  
05.03.2024 to 07.03.2024 at Main campus  
for participants from Bihar, West Bengal**



**IYCF intervention at Mollasimla Village,  
09 April, 2024**

## MICROBIOLOGY

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

### *Mission of the Department*

The department mission is teaching, training & research activities including the guidance & supervision of dissertation work of the P.G. students of the department and other departments. This department is helping the rural and urban areas to know about their quality of drinking water which they are consuming.

### *Brief activities conducted by the department*

No. of students enrolled in different courses:

- Course Master of Veterinary Public Health (MVPH)
- No. of students enrolled in MVPH – 02

No. of short trainings conducted:

- Hands on Training on Slit Skin Smear examination conducted for Leprosy
- Duration: 23rd - 25th July, 2024
- No. of participants: 25
- No. of outreach awareness programs /Observation/extension activities conducted:

No. of extension activities conducted: 02

- Tackling Antimicrobial Resistance in One Health' in training of "Basics of One Health& Challenges".
- Duration: 7th – 9th Feb. 2024

No. of academic visits: 01

Total of 25 technicians visited at The Leprosy Mission Hospital, Maniktala.

- No. dissertation and short studies conducted:

Total dissertations guided: 02

- A cross-sectional study on reproductive tract infections among women of reproductive age group in a rural area of Singur, west Bengal.
- An epidemiological study on diarrhoeal diseases among 6 to 59 months of children in a slum area of Kolkata

The total 03 short studies were conducted as following:

- Antimicrobial Resistance Patterns in E. coli Isolated from faeces of Poultry
  - Identification of Parasites from Poultry faeces by wet mount method and concentration technique.
  - Isolation & detection of cryptococcus in fresh& dry stool samples of pigeons.
- 
- No. of Articles published: 06
  - No. of book published: 01
  - The Yellow fever vaccination inoculated to 1484 International travelers.
  - The Oral Polio vaccination inoculated to 660 International travelers' visiting Polio effected countries.
  - The department laboratory conducted Bacteriological water testing on 365 samples.
  - The department bacteriology laboratory services such as culture & sensitivity testing of clinical samples received from our UHU&TC, Chetla and tested 299 clinical samples.
  - The department Parasitology laboratory tested 719 stool samples.
  - Under Extramural project with ICMR the department bacteriology laboratory tested 391 various clinical samples.
  - The department trained 25 technical staffs in Slit skin smear training for Leprosy.
  - The department enrolled in "Soil transmitted Helminths" survey of 08 districts in the West Bengal.

### *List of faculty members*

Photo	Name	Designation	Area of expertise	Mobile No.	e-mail
	Dr. Atul Raj MBBS, M.D	Professor & Head	Bacteriology & zoonotic diseases	9815883206	dratul09@gmail.com
	Dr Amit Banik MBBS, M.D, DNB	Associate Professor	Immunology , Mycology, Bacteriology Entomology	9402195476	dramitb@aiihp h.gov.in

	Dr. Sayan Bhattacharyya MBBS, M.D	Associate Professor	AMR, Medical Mycology, Food microbiology	9432488669, 9006621729	drsayanb@aiih ph.gov.in
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### *Incumbency position of other staff*

Sr. No.	Designation	Total no. of posts	Vacant posts
1.	Stenographer	01	00
2.	Medical Laboratory Technologist	05	00
3.	Laboratory Attendant	04	00
4.	Animal Attendant	03	00
5.	MTS	02	00

### *Conference/Seminar/Workshop/Trainings attended or participated*

Sr. No.	Name of faculty	Name of the event and place	Role
1.	Dr. Amit Banik	MICROCON 2024, Pune, 21-24 November 2024	Delegate
2.	Dr. Sayan Bhattacharyya	MICROCON 2024, Pune, 21-24 November 2024	Oral and e-poster
3.	Dr. Sayan Bhattacharyya	NPHICON 2024, NCDC Delhi, 23-25 February, 2024.	E-poster presentation
4.	Dr. Sayan Bhattacharyya	World Cancer Congress, Delhi 18-20 March, 2024	Invited as speaker

### *EMR duty/Evaluation National Programs/ Other consultancies*

Sr. No	Name of faculty & staff	Nature of activity: EMR duty/ Evaluation National Programs/ Other consultancies	Role
1.	Dr. Amit Banik	Launch of AIIH&PH HUB under ECHO India Platform. Start of Classic ECHO programs from 2 departments followed by PG Masterclass Series	Nodal Officer for AIIH&PH, Kolkata

2.	Dr. Atul Raj & Dr. Amit Banik	ICMR funded project "Community-based Intervention to Address Antibiotic Resistance	An Embedded Mixed-Methods Interventional Study".
3.	Dr. Atul Raj, Dr. Amit Banik Dr. Sayan Bhattacharyya <u>Team of technical staff :</u> Shri. Nirmal Dey, Mrs. Mousmi Sankhari, Mrs. Mitali Bagchi, Mrs. Ruma Ray, Mrs. Nupur Bose & Mrs. Suchismita Dey	Soil Transmitted Helminthiases Survey conducted in 08 districts of West Bengal from 27th July -10th Aug 2024.	To detect the prevalence of Helminthiases infections in school going children of age group 9-12 yrs.

### *List of Publications*

Sr. No.	Publication	Authors
1.	Urinary Tract Infection by Staphylococcus Aureus in An Alcoholic Male Patient: - Case Report and Review of Literature. J Clinical Case Studies and Review Reports 2024;1(1):1, DOI:10.31579/ccrr/001	Chakraborty R, Krishna SK, Chattopadhyay S, Bhattacharyya S*, Dan A, Banik A, Raj A.
2.	Identification of parasites from poultry faeces by wet mount method and concentration techniques. Int J Med Sci Dental Health 2024; 10:04, Doi <a href="https://doi.org/10.55640/ijmsdh-10-04-24">https://doi.org/10.55640/ijmsdh-10-04-24</a>	Kumari P, Bhattacharyya S, Chattopadhyay, Raj A, Banik A.
3.	Parasites in poultry faeces: Should we be concerned? EJBPS 2024;11 ;4: 181-186.	Kumari P, Bhattacharyya S, Chattopadhyay, Raj A, Banik A.
4.	J Healthcare Treatment Develop 2024 ;04: 01	Yogi M, Bhattacharyya S, Raj A, Banik A. Isolation of Bacteria from Milk Based Indian Sweets Sold in and Around Kolkata Using MPN Method.
5.	Effect of probiotic microorganisms on gut and overall health: A review. EJBPS 2024; 11 (10): 107-110.	Singh G, Bhattacharyya S, Kaur S, Sahu M.
6.	Harnessing Microbes for the Benefit of Man. IgMin Res. 2024;2(7):546-549. Doi:10.61927/igmin215	Bhattacharyya S.

### *Books Published*

Micronutrients and Macronutrients as Nutraceuticals Editors: - Prakash Chandra Gupta, Sayan Bhattacharyya, Amit Banik, Nisha Sharma Rajesh K. Kesharwani, Raj K. Keservani. (Apple Academic Press)

### *List of Dissertation research/ Short study*

<b>Sr. No.</b>	<b>Title of dissertation/short study</b>	<b>Name of Student</b>	<b>Guide</b>
1.	Antimicrobial Resistance Patterns in E. coli Isolated from faeces of Poultries	Miss. Saloni Kumari	Prof. Atul Raj
2.	Identification of Parasites from Poultry faeces by wet mount method and concentration technique.	Miss. Payal Kumari	Dr. Sayan Bhattacharyya
3.	Isolation & detection of cryptococcus in fresh& dry stool samples of pigeons	Miss. Pratima Burman	Dr. Amit Banik
4.	A cross-sectional study on reproductive tract infections among women of reproductive age group in a rural area of Singur, west Bengal	Dr. Narayani Siware	Prof. Atul Raj
5.	An epidemiological study on diarrhoeal diseases among 6 to 59 months of children in a slum area of Kolkata.	Dr. Abhijit Dhara	Prof. Atul Raj & Dr. Amit Banik

### *List of training programs*

<b>Sr.</b>	<b>Title of training</b>	<b>Co-Ordinator</b>	<b>No. of participants</b>
1.	“Hands on Training on Slit Skin Smear examination for Leprosy” Date: 23rd - 25th July, 2024 In Collaboration with “Regional Leprosy Training Research Institute” of Gauripur, Bankura. Venue : B.N. Campus, Salt Lake	Prof. Atul Raj & Dr. Manas Kundu	25
2.	Lectures & demonstration on the “Food & Water Microbiology” under “One Health in Classrooms” program. Participants were students of Sri. Shikshayatan College, Kolkata Organised in Collaboration with the FAITH Foundation Date: 27th June 2024. Venue: B.N. Campus, Salt Lake	Prof. Atul Raj & Dr. Amit Banik & Dr. Sayan Bhattacharyya	20

3.	Entomology vector survey & field demonstrations in community diagnosis program Date: 19 <sup>th</sup> – 20 <sup>th</sup> Dec.2023 Venue: RHU&TC, Singur	Prof. Atul Raj	25
4.	Entomology vector survey & field demonstrations in community diagnosis program Date: 22 <sup>nd</sup> – 25 <sup>th</sup> Nov. 2024 Venue: RHU&TC, Singur	Prof. Atul Raj	25
5.	Bioterrorism threats Date: 4 <sup>th</sup> March 2024. Venue: B.N. Campus, Salt Lake	Prof. Atul Raj	35
6.	Bioterrorism threats Date: 29 <sup>th</sup> Aug.2024. Venue: B.N. Campus, Salt Lake	Prof. Atul Raj	35

*No. of outreach awareness programs /Observation/extension activities conducted:*

Sl. No.	Name of the Awareness/Observation of days/extension activities	No. of Participants	Coordinator
1	Tackling Antimicrobial Resistance in One Health' in training of "Basics of One Health & Challenges". Date: 7 <sup>th</sup> – 9 <sup>th</sup> Feb. 2024 Venue: B.N. Campus, Salt Lake	30	Prof. Atul Raj & Dr. Amit Banik

*New initiatives*

ISO certification of Water bacteriology Laboratory

*Awards or fellowships*

Sr.	Name of the award	Name of the student/Faculty
1.	Member, Infection Control Academy of India	Dr. Sayan Bhattacharyya
2.	Best article award for "Mapping EMR patterns in E. coli isolated from Poultry Droppings" (EJBPS 2024;11, issue 5).	Intern Miss. Saloni Kumari along with all Faculty of Microbiology won Best article award in April 2024.

*Laboratory work & Revenue generated*

s.no	Activities	Total vaccination/testing	Revenue generated (In Rs.)
1	Yellow fever vaccination	1484	4,45,200/-
2.	Oral Polio vaccination	660	-
3.	Water bacteriology testing	234	1,23,000/-
4.	Issue of duplicate Yellow fever vaccination card	34	5,100/-

## Photographs:



**Microscopic examination in Parasitology Lab registration**



**Yellow fever vaccination**



**Lecture on Bioterrorism threats to NDRF team**



**NDRF & SDRF Personnel Training on 'Biological Disasters' held on 4th March, 2024 at B N campus**



**Skin Slit Smear demonstration in Leprosy patient**



**Soil Transmitted Helminths survey in Cooch Behar district, W.B**

## DEPARTMENT OF STATISTICS

Evidence based decision making is the fundamental essentiality in public health and public health policy making. Reliable, comprehensive and quality data and statistics are the core elements of evidence based public health planning and this necessitated section of vital statistics and epidemiology department in the beginning in All India Institute of Hygiene & Public Health. The varied and enhanced application of statistical concept and methods in data analysis, research and teaching of various department required the statistics section to be separated from the epidemiology department as a separate section which was created in the year 1945. The department is involved in imparting teaching, training and research on statistics to the students of all the diploma and post-graduate courses run by this Institute. In addition, it is supplementing statistical surveys, especial studies, and other research undertaken by the Institute. With the introduction of IT this department co-ordinates the work of website maintenance, supervision of LAN & NKN connectivity, server room, IT related planning etc.

### *Mission of the department*

To develop competent public health workforce through educating evidence-based decision-making applying statistics.

### *Brief about activities conducted by the department:*

Teaching Activities: Regular Course Conducted by the Department - Diploma in Health Statistics (DHS) with intake capacity 8 and for one year duration. It is recognised by West Bengal University of Health Sciences. The faculty members also take regular classes for the courses conducted by other Departments of the Institute. The faculty of this department taught the students of various departments of AIIH & PH during this period, statistics and related aspects as per prescribed courses

Also, 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 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 to public health and medical research.

Apart from the academic 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), providing support for the operation of Biometric Attendance System etc. have been taken up by the Department on regular basis.

No. of short trainings conducted: Total number of participants for each training

- A three days training on “Data Analytics using Excell” during 17 Sep – 19 Sep 2024.
  - Total number of participants - 17

- An awareness training on ICT related matter (Cyber Security, Internet vulnerability etc.) on 26,28 and 29 Feb 2024.
  - Total number of participants – 75
- Hands-on training of SPSS, application of various Statistical Tests for AFIH students on 23 Aug 2024.
  - Total number of participants – 23
- iGot related short training for the officials of AIIH & PH Kolkata during Dec 2023.
  - Total number of participants - 190
- A short Field training for MSc (Statistics) students at RHU & TC, Singur during June, 2024 regarding the health data records management at the service centers (SC).
  - Total number of participants – 3

**No. of outreach awareness programs /Observation/extension activities conducted:**

- Population Day was observed on 11 July 2024 at the Main Campus with the theme “Access to Quality Reproductive Health -Right for Every one”
  - Total number of participants - 210

**No. dissertation and short studies conducted – 10**

**No. of Articles published - 1**

*List of Faculty Members*

Photo	Name	Designation	Area of expertise	Mobile No.	e-mail
	Shri Ranjit K. Tiwary M.A. (Statistics)	Dir.- Professor & Head	Administration & Management, Large Scale Field Survey Admin., Data Processing, etc.	9830569566	ranjit.k.tiwary@gmail.com
	Smt. Shruti Shukla M.Sc (Statistics)	Professor (up to 15.10.2024)	Economic Statistics & different statistical packages like R, SPSS etc.	9830867740	shruti.shukla@nic.in
	Shri Subhrajit Sarkar M.Sc. (Economics)	Senior Statistical Officer	Large Scale Sample Survey, Expertise in Statistical Packages like Excel, SPSS, Jamovi, and IT etc.	9433305466	ssarkar.aiihph@gov.in

Photo	Name	Designation	Area of expertise	Mobile No.	e-mail
	Shri Subrata Majumder M. Com, ICWAI	Senior Statistical Officer	Large Scale Sample Survey, Survey Methodology, Statistical Applications, Admin. etc.	9883242331	subrata.m@gov.in
	Dr. Shampa Mukherjee (Kundu) Ph.D. (Economics)	Senior Statistical Officer	Large Scale Sample Survey, Survey Methodology, Statistical Applns. etc.	9433525849	shampa_kundu@yahoo.co.in
	Shri Subhojit Ghosh M. Com	Senior Statistical Officer	Large Scale Sample Survey, Survey Methodology, Statistical Applns., etc.	9836802265	subhojit.ghosh@gov.in

#### *Incumbency position of other staff*

Sr. No.	Designation	Total no. of posts	Vacant posts
1.	EDP Staff	6	4
2.	Stenographer	1	0
3.	MTS	2	0

#### *Conference/Seminar/Workshop/Trainings attended or participated*

Sr.	Name of faculty	Name of the event and place	Role
1.	Shri Ranjit K. Tiwary	Network Security Counter Measures on 19-04-24, organised by ICER team (CERT-In), MeitY	Participant
2.		Essentials of Research Protocol Writing held during 20th to 22nd August 2024 at AIIHPH, Kolkata.	Participant
3.		Workshop on Research Ethics held on 8th November 2024 at AIIHPH, Kolkata.	Participant
4.	Sh. Subrata Majumder	A Training on Public Procurement for Government Officers, Administrative Staff College of India, Hyderabad during 22-26.07.2024.	Participant
5.		Advanced Course on Record Management from ISTM, New Delhi (online mode) on 3rd and 4th June 2024.	Participant
6.	Sh. Subhrajit Sarkar	Essentials of Research Protocol Writing held during 20th to 22nd August 2024 at AIIHPH Kolkata.	Participant
7.	Dr. Shampa	Essentials of Research Protocol Writing held during 20th to 22nd August 2024 at AIIHPH Kolkata.	Participant

Sr.	Name of faculty	Name of the event and place	Role
8.	Mukherjee (Kundu)	Training Workshop on Mixed Methods and Qualitative Research held during 11th to 13th November 2024 at AIIHPH Kolkata.	Participant
9.		Workshop on Research Ethics held on 8th November 2024 at AIIHPH Kolkata.	Participant
10.	Sh. Subhojit	Essentials of Research Protocol Writing held during 20th to 22nd August 2024 at AIIHPH Kolkata.	Participant
11.	Ghosh	Advanced Course on Record Management from ISTM, New Delhi (online mode) on 3rd and 4th June 2024.	Participant

### *List of Publication*

Sr.	Publication-	Authors
1	Pretesting of Printed Information, Education and Communication Materials among Diabetic Patients who are (30 to 80) Years Old in South Kolkata, at Ward no 144, West Bengal; International Journal of Innovative Science and Research Technology, October – 2024, Volume 9, Issue 10, Pages 932-946, <a href="https://doi.org/10.38124/ijisrt/IJISRT24OCT317">https://doi.org/10.38124/ijisrt/IJISRT24OCT317</a>	Dr. Rajdip Mandal; Dr. C. S Taklikar; Shri Subhojit Ghosh

### *Dissertation research/ Short study*

Faculty of the Statistics department are co-guide for 10 dissertation research conducted by MD Community medicine and MD MPH Epidemiology students.

### *List of training programs*

Sr.	Title of training	Co-Ordinator	No. of participants
1	A 3 days training on "Data Analytics using Excell" was conducted during 17 Sep – 19 Sep, 2024 for Research Scholars, Health Officials and students at Computer Laboratory, Main Campus.	Prof. R.K Tiwary, Dir-Professor and HOD (DoS)	17
2	An awareness training on ICT related matter (Cyber Security, Internet vulnerability, IT Infrastructure etc.) on 26,28 and 29 Feb, 2024 at Main Campus	Prof. R.K Tiwary, Dir-Professor and HOD (DoS); Shri K. Maity, Jt. Dir, C-DAC, Kolkata	75
3	Hands-on training of SPSS along with Application of Various Statistical Tests for AFIH students on 23 Aug, 2024	Prof. R.K Tiwary, Dir-Professor and HOD (DoS); Shri S. Sarkar, SSO, DoS	23
4	iGot related short training was arranged for the officials of AIIH & PH Kolkata during Dec, 2023	Prof. Shruti Shukla, ISS, Professor; Shri S. Sarkar, SSO	190

Sr.	Title of training	Co-Ordinator	No. of participants
5	A short Field training was organized for the MSc (Statistics) students of other universities at RHU & TC, Singur during June, 2024 regarding the health data records management at the service centers (SC).	Prof. R.K Tiwary, Dir-Professor and HOD (DoS); Dr S. Mukherjee (Kundu), SSO, DoS	3

### *New initiatives*

The revamped computer laboratory (Room No. 410) of AIHH & PH was established by renovating the room and procuring essential high-end computers which was done after a long gap of time. It was inaugurated by the Joint Secretary, Shri Ghulam Mustafa, DGHS, Delegation of DGHS officers and the Director, AIHH & PH, Kolkata on 04th July 2024 at Main Campus.



An Internship Programme for students of Post Graduate (Statistics) was initiated by this department during June -July, 2024, regarding study of records maintenance of various health programme, compilation of data on eligible couple and family planning practices, child immunization at the service centre RHU & TC Singur, AIHH & PH Kolkata. Broad analysis of these data was done using statistical tools and Jamovi Software. This was a new initiative and the programme was sponsored by Ministry of Statistics and Programme Implementation, Govt. of India. There were three participants.

The new elements were:

- a) Beginning of an Internship Programme for Post Graduate Statistics students,
- b) Strengthening of learning environment for Jamovi Software which is done for the first time,
- c) Involvement of statistics students and faculties in the field area RHU & TC, Singur for field work exposure in the health programmes for improvement of health statistics recording.



#### IT Infrastructure:

- 1) Security Audit of AIIH & PH website <https://aiihph.gov.in> was completed in the month of August, 2024 and the certificate was received which was done in coordination with C-DAC, Kolkata.
- 2) The website of AIIH & PH was made up-to-date. In this direction all steps related to the transparency audit was completed in time. The department of statistics initiated the work and a committee was formed to make this process a regular and timely mechanism.
- 3) The Cyber security Audit for the IT infrastructure was done at the main campus of AIIH & PH. This step was done for improving capabilities of Cyber Security in AIIH & PH which was done for the first time in AIIH & PH in holistic manner.
- 4) The upgraded computer laboratory with latest IT technology was established after a very long gap of time.



- 5) The old Server/ Router Room was rearranged and revamped for the first time after its establishment.



Reordering & overhauling of server/router room at Main Campus, AIIH & PH during Nov 2024.



The department got installed IP CCTVs as per norms of NMC after involving appropriate agency and making suitable planning.

- 6) The department coordinated in upgradation of biometric attendance system and installing additional biometric system as per NMC norms.

### *No. of outreach awareness programs /*

Sl.	Name of the Awareness	No. of Participants	Coordinator
1	Population Day was observed on 11 July 2024 at the Main Campus with the theme "Access to Quality Reproductive Health -Right for Every one" wherein Technical Discussion on the subject was arranged by the experts.	210	Prof. R.K Tiwary, Dir-Professor and HOD (DoS)

### *Other Activities*

- iGot related short training was arranged for the officials of AIIH & PH Kolkata.
- Special cleanliness drive was organized and
- e-Waste was disposed of which was pending for long.



A Three days short course by the Department of Statistics AIIHPH Kolkata was conducted from 19th to 21st September, 2024. Seventeen participants from different stream of biological sciences participated in that workshop.



The Institute observed World Population Day on 11th July 2024 with the theme -- "Access to Quality Reproductive Health – Right for Everyone" which was organized by Department of Statistics, AIH&PH, Kolkata in coordination with many other departments (HPE, MCH, Epidemiology etc.)



A Quiz Competition was held with the students of the institute on the occasion of the World Population Day



An awareness training on ICT related matter (Cyber Security, Internet vulnerability, IT Infrastructure etc.) on 26,28 and 29 Feb 2024 at Main Campus in coordination with C-DAC, Kolkata.



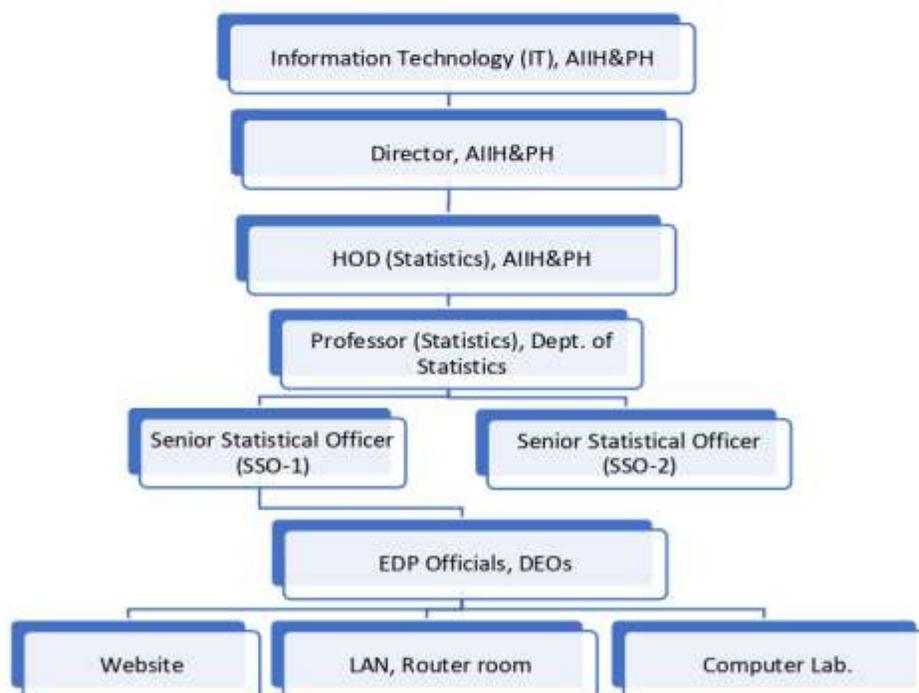
An internship program for post graduate students of statistics was conducted by the department during June -July, 2024. The interns analysed the register-based records of Eligible Couples, Anti-natal care etc. offered to the residents of the rural field practice area of the Institute. The objective was to find out the gaps thereon, as well as to report some key findings.



## IT INFRASTRUCTURE OF AIIH&PH

The department of Statistics supervises the whole IT infrastructure of AIIH & PH. The institute has been maintaining an integrated infrastructure including website, NKN LAN & Internet Connectivity, Server Room/Router, Computer Lab etc. the LAN Network and Website setup are there which is co-ordinated by NIC. Many of the aspect of the IT infrastructure became outdated and these are being upgraded since last year. Accordingly proper coordination with the NIC is maintained by the Department of Statistics. The website of the Institute is updated with uploading of the various information supplied by various departments which pass through a hierarchy and approval.

A system has been developed by the department where properly trained manpower are supervising the IT system. In addition to above a computer laboratory is maintained for teaching purpose including training on various software used in data analysis by the students of various public health courses (as mentioned under the heading courses elsewhere). The various decision regarding IT processing is made in hierarchical order mentioned in the organogram below. The various IT related projects are taken up for various necessities for teaching, training and research.



### *Website:*

The website of this institute [www.aiihph.gov.in](http://www.aiihph.gov.in), managed by C-DAC under the supervision of Department of Statistics, AIIHPH. It's a secured website having the necessary SSL certification. The work related to day-to-day website management and its security audit is also done under the supervision of Department of Statistics. The various

information, news, tender notice, other updates are uploaded by DEOs and are supervised by SSOs. As per instructions of the competent authority various remoulding exercise of the text or picture materials are taken up by the officials of this department.

For maintaining transparency, audit of the content of the Website is done. The responsibility of AIIH&PH part was completed in time and the result was sent to designated auditor. The Department is at present involved in the process of development of a new website. The last security audit of the present website was completed recently by C-DAC.

### *Computer Lab.:*

The Computer Lab of the Institute is maintained by Department of Statistics. This uses the LAN system and works in an integrated way. In fact, various statics theories and data analytics software viz. SPSS, R, Advance Excell are inter-twined which are taught with the help of Computer Lab. The computer lab was upgraded and new computers of latest version were installed.

### *iGot Karmayogi:*

This institute is the one of the participating institutes in Annual Capacity Building Plan (ACBP) of Ministry of Health and Family Welfare. The institute has been allocated three training programs in the ACBP for creation of training course modules. These courses cater to various levels of Govt. officials beginning from the Under Secretary level to Joint Secretary level. These courses will be a part of learning programs offered by the Ministry of Health and Family Welfare on iGot platform. Apart from preparing training contents, the institute is also encouraging all its employees to pursue courses on iGot Platform to upgrade their skills. Accordingly, the Department of Statistics (DOS) is participating and coordinating at the National Level Seminars, Meeting and Training.

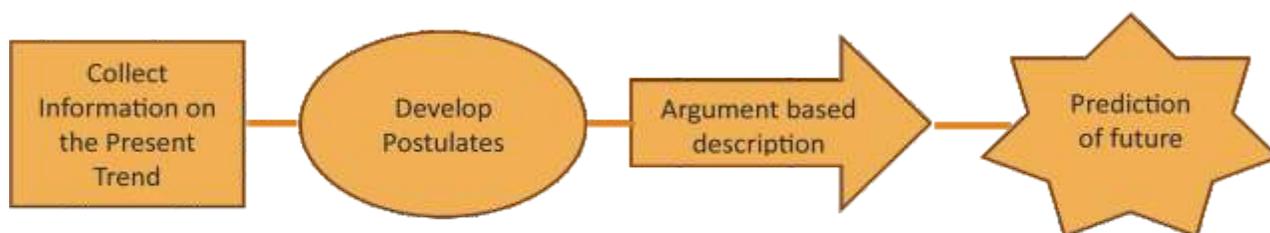
### *E-office:*

AIIHPH is presently implementing e-office at its main campus. This project has been supervised by Department of Statistics since its beginning. The e-office project is being implemented with the help from NICS, NIC and RailTel. Thus, this Department is maintaining inter-organizational coordination and after earning the objective knowledge, passing it to other officials of the Institute.

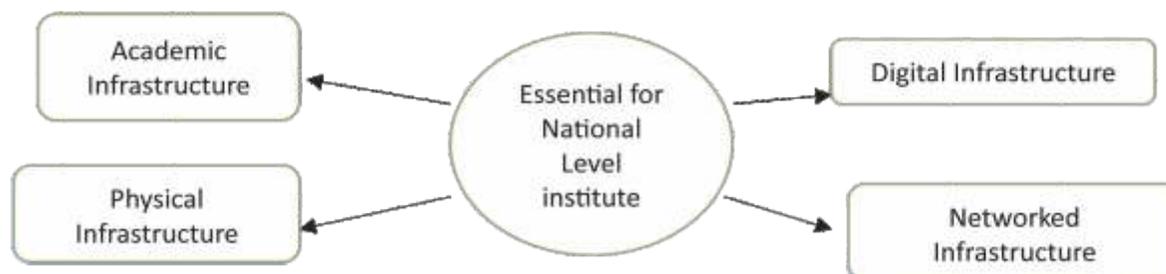
*Server/Router Room:* The server room was recently overhauled and a plan has been made to further upgrade it so that internet connectivity of higher speed may be achieved.

## INFRASTRUCTURE DEVELOPMENT

The whole physical infrastructure of AIIH & PH is maintained and restructured by the help of CPWD, Govt. of India. This is a very tedious work as the development and maintenance part pass through lengthy process of prioritization of work, intimation to CPWD as requisition, planning of work in coordination with CPWD, preparation of preliminary estimate by CPWD as per the available budget. It has been observed in recent past that the volume of fund available compared to the requirement of maintenance of building, class room and office is very less than actually required. The reason behind this is historical and also aspect of management. This institute buildings except the BN Campus building are very old hence the maintenance and reconstruction are also very costly. To improve the situation future need analysis was done and a committee was formed under the chairmanship of HOD Statistics, Shri Ranjit K. Tiwary. The whole information was properly analysed and as per priority of work the maintenance and development of infrastructure were taken up.



Applying the analysis in the above pattern the essentials of infrastructure as per need were thoughtfully planned in the following pattern:



Thus, during the last two years the maintenance and reconstruction work have taken high momentum due to increased efficiency under guidance of Chairman, CPWD Committee, AIIH & PH, Shri Ranjit K. Tiwary, HOD (Statistics) and support of the Director, AIIH & PH.

The following development may be enumerated as major achievement:

1. After a long time, the fire safety system at BN Campus, Salt Lake was upgraded as per standard and fire safety certificate was obtained from DG Fire Safety, West Bengal.

2. Fire safety system was given a very high thrust during this year.
3. The Boys' and Ladies' Hostel of the main campus are being holistically renovated.
4. The building and structure of BN Campus, AIIH & PH was renovated and one-fourth part of the main building was demarcated for future NCDC, West Bengal which is an extraordinary achievement.
5. Old computer Lab at main campus at AIIH & PH was upgraded and future plan for advanced computer lab, new server room and other IT related infrastructure are planned which is going slow because of paucity of fund.
6. Essential construction as per accessibility standards for Persons with Disabilities were extended in the office.
7. For the first time in the history of AIIH & PH the CPWD divisions were scientifically redistributed with only one Civil & Electrical division i.e. KCD-I & KCED-I instead of many divisions for the same Institute. The CPWD has shown utmost attention towards increasing efficiency of work implementation with limited fund.
8. Work implementation is based on prioritization and space utilisation has increased.
9. Work culture has been strengthened by analytical meeting between the officials of the CPWD and AIIH & PH and intensive supervision.

## PREVENTIVE AND SOCIAL MEDICINE

The Department of Preventive and Social Medicine was established in 1973 with the objective of developing a 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 one of the backbones of All India Institute of Hygiene and Public Health through its multi-disciplinary functions in the form of research, education, and training interventions.

### *Mission of the department:*

The mission of the department is to train physicians to be effective public health professionals who will be able to address public health issues in both urban and rural areas with quality leadership and management skills. This department also envisions empowering people to achieve and maintain good health through comprehensive health care.

### *Brief about activities conducted by the department:*

- MD (CM) Three-year full-time course recognized by NMC and affiliated to WBUHS. Intake 20 seats. At present 53 students are currently pursuing
- 314 participants were trained in 10 short training programmes by the Dept.
- 862 participants were involved in 17 awareness programmes and observation of days in different settings.
- 6 academic visits were organized in different organizations for the three batches of MD (Community Medicine) PGTs
- Three extramural projects are being conducted by 3 faculties as Co – Principal Investigator
- The Department is the Nodal department for conducting Capacity Building on Public Health Emergencies Management in collaboration with Disaster Management Cell, Ministry of Health and Family Welfare, Govt. of India
- 18 theses were completed, 35 thesis are ongoing 35 short studies have been completed/ongoing by Junior residents of the department
- 26 articles were published by students and faculties of the department

### *List of faculty members:*

Photo	Name	Designation	Area of expertise	Mobile No.	e-mail
	Dr. Ranjan Das	Director, AIIHPH Kolkata & Director Professor of PSM	Applied Nutrition, Biostatistics, Epidemiology &	9311188920	dasranjan.a iihph@gov. in

		MBBS, MD, C Epid, PGC HFWM, PGC HM	Research Methodology		
	Dr. Bobby Paul	Prof. & HoD MBBS, MD(CM), DCH, FAIMER Fellow	Bioethics, Non- communicable diseases, and Public Health Emergency Management	9830046821	drbobbypa ul@gmail.c om
	Dr. Lina Bandyopadh yay (Retired on 30.06.24)	Advisor Public Health (SAG) Professor (EQ),	Public Health, NCD, MCH & Geriatric Health	9830020149	sulins81@g mail.com
	Dr. Madhumita Bhattacharya (Retired on 30.09.24)	Professor, Pediatics (eq) CMO (SAG) MBBS, DMCW, DCH, MD (Pediatics)	Community Pediatics, Child Health & Nutrition, Neonatal & Resuscitation, Adolescent Health, School Health.	9830134419	madhumita 57@yahoo. co.in
	Dr. Monalisha Sahu	Associate Professor MBBS, MD	Climate Change & Health, Healthy Work Environment, Indigenous Health	9873927966	drmonalish a@outlook. com
	Dr. Rivu Basu	Assistant Professor, MBBS, MD, MBA, PGDFM, FAIMER (CMC-L)	Health Management, Health Economics	8420256694	rivubasu83 @gmail.co m
	Dr. Hari Krishna B.N (Joined on 14.12.2023)	Public Health Specialist Gr-III MBBS, MD, FCD.	Public Health, Mother and child health, Public Health Emergency Management NCD.	8008223332	hari.bn@g mail.com

*Incumbency position of other staff:*

Sr. No.	Designation	No. of posts	Vacant posts
1.	Stenographer	1	-
2.	Museum Curator	1	-
3.	Assistant Museum Curator	1	-
4.	MTS	2	-

*Conference/Seminar/Workshop/Trainings attended or participated:*

Sr.	Name of faculty	Name of the event and place	Role
1.	Dr Bobby Paul	Annual National IAPSMCON, Mangalore, Karnataka	Chairperson
		Annual State IAPSMCON, Budge Budge, Kolkata	Moderator of Plenary session
		National Conference of EFICON at KGMU, Lucknow	Chairperson
		National Workshop on Disaster preparedness at BR Ambedkar Convention Centre, New Delhi	Invited Speaker
		Pre-Conference Workshop on CBPAR at Annual State IAPSMCON	Coordinator
		Workshop on Qualitative Research at ICMR, ICAM, Kolkata	Invited Speaker
2.	Dr Lina Bandyopadhyay	Annual National IAPSMCON, Mangalore, Karnataka	Chairperson
3.	Dr Rivu Basu	Annual State IAPSMCON, Budge Budge, Kolkata	Convenor of debate
		Pre-Conference Workshop on CBPAR at Annual State IAPSMCON	Coordinator
		Annual Conference of Family Medicine and Primary Care at AIIMS, Rishikesh	Convenor of Quiz Competition and Chairperson of Scientific Session
		NPHICON, NCDC, New Delhi	Poster presentation
		ISTM, New Delhi	IO/PO training participant
		IPHA Bhaban	Convenor of "Psychometrics in Public Health" Workshop

		Brainware University	Invited Speaker in Sustainable Development summit
4.	Dr.Harikrishna B.N	CBPHEM training Chandigarh	Participant
		IAPSMWBCON Kolkata	Delegate

*EMR duty/Evaluation National Programs/ Other consultancies :*

Sr.	Name of faculty	Nature of activity:	Role
1.	Dr Bobby Paul	Leprosy Case Detection Campaign Monitoring	Central Team Lead
2.	Dr Rivu Basu	Avian Influenza detection (H9N2 and H5N1, two rounds: Kolkata and Malda)	Central team member
3.	Dr. Harikrishna B.N	Pulse polio Immunization programme	Monitoring officer

*Publications :*

SL.	List of publications	Authors
1.	Assessment of community accordance to the essential actions at school level and support for reopening in COVID era. Indian J Public Health Res Dev.2024;15(1):93-9. doi: <a href="https://doi.org/10.37506/flabhw25">https://doi.org/10.37506/flabhw25</a>	Kardalkar S, Harsha B, Sherkhane MS, Swetha, Harikrishna BN.
2.	Effect of COVID-19 pandemic on over-the-counter drug use and its associated factors among adults of an urban slum in Hyderabad: A cross-sectional study. Indian J Public Health Res Dev. 2024;15(1):241-247. <a href="https://doi.org/10.37506/mvr29k74">https://doi.org/10.37506/mvr29k74</a>	Moses PM, Jhansi N, Mandadi MR, Dalli TKR, Harikrishna BN
3.	Study on nutritional status, prevalence of vitamin deficiencies, and morbidity pattern among school children in Mandal Parishad Primary School, Miyapur, Hyderabad. Indian J Basic Appl Med Res. 2024;13(2):4-12. doi :10.36855/IJBAMR/2024/98215.55566	Haritha A, Harikrishna D.
4.	Readiness to manage domestic violence among medical interns - An observational study in a medical college and hospital in India. J Inj Violence Res. 2024;16(1):10.5249/jivr.v16i1.1867.	Kumar R, Bandyopadhyay L, Sahu M, Paul B, Jana D, Roy S.
5.	Respiratory morbidity among seed-processing industry workers: A cross-sectional study in rural West Bengal, 2022–2023. Indian J Occup Environ Med. 2024;28(2):148-153. doi:10.4103/ijoem.ijoem_186_23.	Dasgupta A, Sahu M, Paul B, Bandyopadhyay L, Chaudhari A, Dhara A.
6.	A mixed-methods study on risk perception and safety practices among unorganized construction workers in a municipal area of West Bengal. Am J Ind Med. 2024; doi:10.1002/ajim.23623.	Barman S, Sahu M, Chakraborty A, Dasgupta A.
7.	Perceptions towards cervical cancer and readiness for HPV vaccination among women in India. J Med Surg Public Health. 2024;2:100090. doi:10.1016/j.glmedi.2024.100090.	Ghosh S, Sahu M, Bandyopadhyay L,

		Paul B, Surendran S, Barman S.
8.	Mapping the terrain of learning: A study on the association between self-directed learning readiness and learning environment dynamics among students studying in a public health institute at Kolkata, India. <i>Healthline</i> . 2024;15(1):23-30.	Ghosh S, Surendran S, Bandyopadhyay L, Sahu M, Basu R, Paul B.
9.	Navigating vulnerability: A comprehensive approach to addressing the unique needs of older adults in disasters. <i>J Compr Health</i> . 2023;11(2):48-51. doi:10.53553/JCH.v11i02.005.	Roy S, Bandyopadhyay L
10.	A plea for amplified focus on air pollution, climate change, and one health collaborative research. <i>J Compr Health</i> . 2023;11(2):52-53. doi:10.53553/JCH.v11i02.006.	Barman S, Surendran S.
11.	Effect of stress on sleep hygiene among 15-18-year-old students of a school in an urban area of Burdwan, West Bengal: A cross-sectional study. <i>J Compr Health</i> . 2023;11(2):21-27. doi:10.53553/JCH.v11i02.002.	Ghosh A, Bandyopadhyay L, Ghosh S.
12.	Chronic musculoskeletal pain among elderly individuals in a rural area of West Bengal: A mixed-method study. <i>Malays Fam Physician</i> . 2023;18:25.	Sengupta T, Paul B, Banerjee A, et al.
13.	Utilisation of adolescent reproductive and sexual health services in a rural area of West Bengal: A mixed-method study. <i>Malays Fam Physician</i> . 2023;18:26.	Banerjee A, Paul B, Das R, , Bandyopadhyay L, Bhattacharyya M.
14.	Involvement of medical colleges in implementation of national strategic plan 2023-27 for leprosy elimination: A roadmap. <i>Epidem Int</i> . 2023;8(2):4-6.	Kishore J, Paul B, Roy R.
15.	Rationality of prescriptions by rational use of medicine consensus approach in common respiratory and gastrointestinal infections: An outpatient department-based cross-sectional study from India. <i>Trop Med Infect Dis</i> . 2023;8(2):88.	Chakraborty D, Debnath F, Kanungo S, Mukhopadhyay S, Chakraborty N, Basu R, Das P, Datta K, Ganguly S, Banerjee, P and et al.
16.	A cross-sectional study on health literacy and its associated factors among adults of a rural area of Hooghly district, West Bengal. <i>J Health Literacy</i> . 2024;9(3):95-10.	Reshma AS, Chandrasekhar T, Paul B, Arpita D.
17.	Malaria infection and associated household-level risks in urban and rural areas of West Bengal, India. <i>J Vector Borne Dis</i> . 2024;61(3):477-485. doi:10.4103/JVBD.JVBD_162_23.	Bag NI, Paul B, Bhattacharyya M, Sarkar S.
18.	Burden of frailty and its correlates among the elderly: A cross-sectional study in a rural community of West Bengal. <i>J Family Med Prim Care</i> . 2024;13(5):2066-2072. doi:10.4103/jfmpc.jfmpc_1572_23.	Ghose S, Pal D, Paul B, Dasgupta A, Ghosh P, Maurya N.
19.	Model of care for type 1 diabetes in West Bengal, India: Baseline data. <i>Diabetes Res Clin Pract</i> . 2024;209:111510.	Yasmin M, Mukhopadhyay P, Mukhopadhyay DK, Paul B, Ghosh S.

20.	Women's empowerment in the context of rural West Bengal: An index construction with exploratory factor analysis. <i>Indian J Community Med.</i> 2024;49(2):296-302. doi:10.4103/ijcm.ijcm_409_22.	Chakraborty S, Paul B, Bandyopadhyay L, Jana D, Bhattacharyya M.
21.	Ethical dimensions of public health actions and research: Need for guidelines in the Indian context. <i>J Compr Health.</i> 2024;12:71-74. doi:10.25259/JCH_19_2024.	Paul B.
22.	Community Medicine: Prep Manual for Undergraduates. 4th ed. Elsevier Publishers; 2024. ISBN: 978-8131269053.	Bhalwar R, Saha I, Paul B, editors.
23.	Awareness, perception and behavioral determinants associated with cancer prevention among adults: Results from a cross-sectional study in urban field practice area of a tertiary care hospital, Kolkata. <i>Asian J Med Sci.</i> 2024 Dec. 4;15(12):79-84. doi:10.3126/ajms.v15i12.65958	Sarkar P, Pallabi Dasgupta, Sarkar P, Rivu Basu.
24.	Size Matters: Cigarette Size and Quitting Behaviour Among Male Smokers in An Urban Slum Of West Bengal. <i>Indian J Community Health.</i> 2024; 36(5):6339. doi:10.47203/IJCH.2024.v36i05.003.	Shahbabu B, Sarkar I, Basu R.
25.	Development and Validation of the Motivation for Healthy Eating Behavior Scale (MHEBS) in the Bengali-Speaking Adults. <i>Bioresearch 26Communications2024;10(2):1557-1564.</i> <i>Bioresearch Communications - (BRC).</i> 2024; 10(02), 1557-1564. <a href="https://doi.org/10.3329/brc.v10i2.74581">https://doi.org/10.3329/brc.v10i2.74581</a> .	Nowar A, Basu R, Hossain S, Jabbar A, Alim SR.
26.	Status of Food Safety in correctional homes: A mixed-methods study from west Bengal, India. <i>CHRISMED J Health Res.</i> 2024;11(2):71-6. 10.4103/cjhr.cjhr_103_23.	Mitra S, Bhanja S, Basu R, Majumdar KK, Joardar GK.

### *List of Dissertation research*

SL	Title	Name	Guide
1.	A Study on Depression, Anxiety, Stress and its Psychosocial attributes Among Adolescents in a Selected school in Kolkata, West Bengal	Dr. Subham Roy Choudhury	Prof. Dr. Chandrashekhar Taklikar
2.	An Epidemiological Study on Snake Bite Patients Admitted in a Tertiary Care Hospital of West Bengal	Dr. Preeti Mandal	Prof. Dr. Chandrashekhar Taklikar
3.	Effect of mHealth Intervention on Smoking Cessation Intention and Practices among Undergraduate Students of a Medical College in Kolkata, West Bengal	Dr. Thungjamo E Jungio	Prof. Dr. Chandrashekhar Taklikar
4.	A Cross-sectional Study on the Morbidity Profile among Sanitation Workers in a Selected Borough of Kolkata Municipal Corporation	Dr Arindam Chatterjee	Prof. Dr. R R Pati
5.	A Cross-sectional Study on the Morbidity Profile and Health seeking Behaviour of Artificial Jewellery Workers in a Rural Area of Singur, West Bengal	Dr Trinakusum Das	Dr Monalisha Sahu
6.	Effect of Health Education on Perceptions towards HPV Vaccination among Parents of	Dr. Bitty Mary George	Prof Dr. Ranjan Das

	Girls aged 9-14 years in a Rural area of West Bengal		
7.	A Comparative Study on Polypharmacy among Elderly in a Rural area of Hooghly District and a selected Slum area of Kolkata	Dr. Sushmit Goswami	Prof. Dr. Ranjan Das
8.	A Cross-sectional Study on Treatment Pathway of Extrapulmonary Tuberculosis and its Associates among Patients in a Tertiary Care Hospital in Kolkata	Dr Mousumi khatun	Prof. Dr. Debashis Dutt
9.	A Cross-sectional Study on Loneliness and its Associates among Elderly residing in a Slum of kolkata	Dr Aleena Joseph	Prof. Dr. Debashis Dutt Prof. Dr. Bobby Paul
10.	A Cross Sectional Study on Cognitive Health and Quality of Life among Patients attending NCD Clinic of an Urban Health Centre in Kolkata	Dr Dibyendu Halder	Prof. Dr. Debashis Dutt
11.	A Study on Utilization of Maternal and Child Health Services among Mothers and Children Residing in a Rural Area of Singur, Hooghly District, West Bengal	Dr. Nibedita Bala	Prof. Dr. A K Mallick
12.	A Cross-Sectional Study on Tobacco Usage Patterns among Adult Tobacco Users Residing in a Rural Area of West Bengal	Dr. Parambramha Pradhan	Dr. Rivu Basu
13.	A study on Nutritional Status among Elderly and its Relationship with Intra-household Food Distribution in Rural Areas of Hooghly District, West Bengal	Dr. Sudip Garai	Prof. Dr Shibani Lahiri
14.	A Study on Quality of Life and its Associates among Breast Cancer Survivors attending a Tertiary Care Centre, Kolkata	Dr. Fathima Sayed Kunju	Prof. Dr Shibani Lahiri
15.	Effect of Health Education on Knowledge and Practices regarding Prevention of Complications among Diabetic Patients in a Slum of Kolkata: A Quasi-Experimental Study	Dr Rohit Dalmia	Prof. Dr Shibani Lahiri
16.	A Cross-Sectional Study on Morbidity Profile and Health Seeking Behavior among Tailors in a selected Rural Area of North 24 Parganas District, West Bengal	Dr Arup Kundu	Dr Monalisha Sahu
17.	A Cross-sectional Study on Respiratory Morbidities among Workers Involved in Stone Crushing in Selected Rural Areas of Murshidabad, West Bengal	Dr Anindya Bhattacharya	Dr Monalisha Sahu
18.	Study on Non Communicable Diseases and Associated Factors among Pregnant Women Attending a Tertiary Care Hospital in Kolkata , West Bengal	Dr Tamalika Das	Prof. Dr Bobby Paul
19.	Study on Multi morbidity and Treatment Adherence among Adult Tuberculosis Patients	Dr. Uday Chand Ghosh	Prof. Dr Bobby Paul

	Attending Tuberculosis Units of Burdwan Municipality, West Bengal		
20.	A Mixed Method Study on Treatment Outcome of Tuberculosis Preventive Treatment among Household Contacts of Registered TB Cases in A Selected TB Unit of Kolkata District, W.B.	Dr Subhajyoti Mandal	Dr. C.S. Taklikar Dr. Raghavendra A.H.
21.	A Cross-Sectional Study on Smartphone Addiction and Associated Health Effects among the Undergraduate Students Pursuing Nonprofessional Courses in a University, Kolkata	Dr Amlan Sarkar	Dr. A.K. Mallick Dr. Raghavendra A.H.
22.	A Study on Morbidity Profile of Plant Nursery Workers in a Rural Area of South 24 Parganas District of West Bengal	Dr Arnab Bag	Dr. R.R. Pati Subhrajit Sarkar
23.	A Study on Adherence to First-line Anti-retroviral Therapy among Adult People Living with HIV in an ART Centre, Kolkata	Dr Arun G	Dr Debashis Dutt Dr Raghavendra AH Dr Dolanchampa Modak
24.	An Assessment of Risk of Obstructive Sleep Apnea and Sleep Quality among Chronic Obstructive Pulmonary Disease Patients in a Selected Tertiary Care Hospital, Kolkata	Dr Meganathan E	Dr. A.K. Mallick Dr. Rivu Basu
25.	A Community Based Mixed Methods Study on Spacing Methods of Family Planning among Married Women of Reproductive Age Group in Singur Block of West Bengal.	Dr Kritika Alda	Dr. C.S. Taklikar Dr. Raghavendra A.H.
26.	A Study To Describe Knowledge, Coverage, Utilization of Health Insurance and their Determinants Among Rural Households In Singur, Hooghly District, West Bengal	Dr Jyotika Singh	Dr Debashis Dutt Dr Raghavendra AH
27.	A Study on Morbidity Profile and Health Seeking behaviour of Traffic Policemen	Dr Shilpa Nasreen	Dr. Monalisha Sahu Dr. Rivu Basu
28.	A Cross-sectional Study on Morbidity Profile and Health Seeking Behaviour of Agricultural Workers in Singur, West Bengal	Dr Shaswati Biswas	Dr. Shibani Lahiri Dr. Madhumita Bhattacharyya Dr. RaghavendraAH
29.	A Mixed Method Study on Premenstrual Syndrome among Women of Reproductive Age Studying in a University in Kolkata	Dr Susmita Seth	Dr. C.S. Taklikar Dr. RaghavendraA.H.
30.	Assessment of vulnerability to abuse among elderly residing in a rural area of west Bengal: a community based mixed methods study	Dr Debopriyo Bakshi	Dr. Bobby Paul Dr. Arunansu Talukdar
31.	Effect of Health Education on Perceptions regarding Breast Cancer and its Screening using Health Belief Model among Women of 18-30 Years in Singur, West Bengal	Dr Fatima Abdul Kalam	Dr. Ranjan Das Dr. C.S. Taklikar Dr. Rivu Basu
32.	A Study on Knowledge and Attitude Regarding climate Change and its Effect on Human	Dr Rajiv Ranjan	Dr. Monalisha Sahu Dr. Nandini Bhattacharyya

	<b>Health among Adults Residing in Mathurapur Area of West Bengal.</b>		
33.	<b>A Cross-sectional Study on Nutritional status and its Associated Factors among Adolescent Girls in an Urban Slum of Kolkata, West Bengal</b>	Dr Sneha Shaw	Dr. R.R. Pati Dr. Shampa Mukherjee Kundu Dr. Madhumita Bhattacharyya
34.	<b>A Cross-sectional study on Morbidity Profile and Health seeking behaviour among Bus Drivers Working in Government Bus Depots in Kolkata</b>	Dr Taulik Goswami	Dr. Shibani Lahiri
35.	<b>Evaluation of Flood Preparedness in selected blocks of Jalpaiguri District, West Bengal</b>	Dr Superno Kanti Halder	Dr. Bobby Paul

### *List of Short studies*

Sl.	Title of dissertation/short study	Name of student	Guide
1.	<b>A study on the Effects of Health Education Intervention on Malaria and Dengue Risk Reduction Practices in Selected Villages of Hooghly District, West Bengal.</b>	Dr. Aleena Joseph	Dr.Harikrishna B.N
2.	<b>Mixed Methods Study on Musculoskeletal and Respiratory Morbidity Profile and Health seeking Behaviour among Rubber Farmers in a selected Block of Wokha District, Nagaland.</b>	Dr.Thungjamo E Jungio	Dr.Harikrishna B.N
3.	<b>A Mixed Method Approach on Utilisation of Healthcare Resources Among Elderly and Associated challenges in a Rural Area of west Bengal. Short study</b>	Dr.Fathima Syed Kunju	Dr.Harikrishna B.N
4.	<b>"A Cross-Sectional Study on Morbidity Patterns and Associated Risk Factors Among Dokra Artisans in Bankura, West Bengal"</b>	Dr. Subhajyoti Mandal	Dr. Monalisha Sahu
5.	<b>A Mixed-method Study on Coping Mechanism and Resilience among Caregivers of Thalassemic patients Attending A Tertiary Care Hospital in West Bengal, India</b>	Dr. Shaswati Biswas	Dr. Madhumita Bhattacharyya
6.	<b>A Cross-sectional Study on Geriatric Depression and Sleep Quality in an Urban Slum of Kolkata</b>	Dr. Fatima Abdul Kalam	Dr. Lina Bandyopadhyay
7.	<b>A Cross-Sectional Study on Physical Activity and Overweight among adults residing in a Selected Urban Slum of Kolkata.</b>	Dr. Rajiv Ranjan	Dr. Rivu Basu
8.	<b>A Mixed Method Study on Healthy Aging among Elderly Women of Rural Area in Hooghly District, West Bengal</b>	Dr. Amlan Sarkar	Dr. Bobby Paul
9.	<b>A Mixed Methods Study on Climate Change Knowledge and its Perception, Climate Distress and Climate Adaptation Among</b>	Dr Kritika Alda	Dr. Monalisha Sahu

	Farmers of Indigenous Ho Tribe of Jharkhand		
10.	A Study on Common Skin disease and its Associated factors among the Adults in Singur	Dr. Sneha Shaw	Dr. Rivu Basu
11.	Development and Validation of a Tool to Assess Gender Equality among Adults Residing in a Slum in Kolkata: A Mixed Methods Study	Dr Jyotika Singh	Dr. Lina Bandyopadhyay
12.	An Institutional Based study on Sarcopenia screening among Elderly Visiting Geriatric Out Patient Department of a Tertiary care hospital in Kolkata	Dr. Debapriya Bakshi	Dr. Bobby Paul
13.	A Mixed Method Study on Patterns and Predictors of Macro-Plastic Pollution in a Selected Village of West Bengal	Dr. Arnab Bag	Dr. Madhumita Bhattacharyya
14.	Willingness-to-pay for Pneumococcal Vaccine and Its Determinants among Elderly Residing at a Rural Area of West Bengal	Dr. Susmita Seth	Dr. Rivu Basu
15.	Assessment of Functional Dependence and it's Associated Factors among Elderly people in Rural Area of Hooghly District – West Bengal	Dr. Meganathan E	Dr. Bobby Paul
16.	A Cross-Sectional Study on Emotional Intelligence and its Associated Factors among Selected Adolescent School Students of Singur Block, Hooghly District	Dr. Superno Kanti Halder	Dr. Madhumita Bhattacharyya
17.	A Cross-sectional Study on Musculoskeletal-disorders and its Associated Factors among Auto Drivers Working in a Selected Urban Area of West Bengal	Dr. Taulik Goswami	Dr. Monalisha Sahu
18.	Assessment of Cardiovascular risk factors and dietary practices among adults in migrant tamil population in an urban area of Kolkata	Dr. Arun G	Dr. Lina Bandyopadhyay
19.	Development and Validation of a Mental Health Literacy Scale for Adults in India: A Mixed-method Study	Dr. Subham Roy Choudhury	Dr. Bobby Paul
20.	A Community Based Study on Musculoskeletal disorders and its Associated Factors among Horticulture Workers in a Rural Area of West Bengal	Dr. Preeti Mandal	Dr. Monalisha Sahu
21.	A Cross-sectional Study on Musculoskeletal Disorders and its Associated Factors among Cycle Rickshaw Pullers in a selected Urban Area of West Bengal	Dr Arindam Chatterjee	Dr. Monalisha Sahu

22.	A Cross-sectional study on musculoskeletal disorders and its associated factors among cycle rickshaw pullers in a selected urban area of West Bengal	Dr Trinakusum Das	Dr. Rivu Basu
23.	A Study on Work-related injury(ies) and its Association with Sleep Quality among Firefighters in the district of Kollam, Kerala	Dr. Bitty Mary George	Dr. Monalisha Sahu
24.	A Cross sectional Study on Association of Sleep Quality with Chronic Non Communicable Diseases among Elderly attending an Urban Primary Health Centre in Kolkata	Dr. Sushmit Goswami	Dr. Bobby Paul
25.	A Study on Nutritional Status and its Association with Eating Behaviour among Children 6 to 12 Years of Age in a Rural Area of West Bengal	Dr Mousumi khatun	Dr. Madhumita Bhattacharyya
26.	Development and Implementation of Life Skills Education Intervention among Secondary School Students in Singur, West Bengal	Dr Dibyendu Halder	Dr. Rivu Basu
27.	Study on determinants and adoption of biosecurity practices related to Avian Influenza among Poultry Farmers in a selected district of West Bengal	Dr. Nibedita Bala	Dr. Rivu Basu
28.	A Cross-Sectional Study on the Outcomes of Kangaroo Mother among Neonates in a Tertiary Care Hospital, Kolkata	Dr. Parambramha Pradhan	Dr. Madhumita Bhattacharyya
29.	A Cross-sectional Study on Respiratory Morbidity and Musculoskeletal Disorders Among Construction Workers in Purba Bardhaman District, West Bengal	Dr. Sudip Garai	Dr. Monalisha Sahu
30.	A Mixed Method approach on Utilisation Of Healthcare Resources among Elderly and Associated Challenges in a Rural Area Of West Bengal	Dr. Fathima Sayed Kunju	Dr Bobby Paul
31.	A Study on Satisfaction of Pregnant Women with Antenatal Care Services in Selected Primary Health Centres in Singur, West Bengal	Dr Rohit Dalmia	Dr Rivu Basu
32.	A study on Patient Satisfaction Level on Health care delivery system- a cross-sectional Study.	Dr Arup Kundu	Dr.Rivu Basu
33.	Treatment Challenges among Patients with Drug Resistant Tuberculosis in a Nodal DR-TB Centre, West Bengal, India	Dr Anindya Bhattacharyya	Dr Bobby Paul
34.	Assessment of Nutritional Status and its Challenges among Adults aged 45 years or above with Tuberculosis attending Chest	Dr Uday Chand Ghosh	Dr Bobby Paul

	Clinic of a Tertiary Care Teaching Hospital, West Bengal		
35.	A Study on Mental Health Status and its Associates among Health Care Workers in a Rural Block of West Bengal	Dr Tamalika Das	Dr. Monalisha Sahu

### *List of training programs*

Sr.	Title of training	Co-Ordinator	No. of participants
1.	Capacity Building for Public Health Emergency Management (3 rounds) Duration: 6 days Dates: 15- 20th Jan 2024, 8-13th July 2024, 18-23rd November 2024	Dr. Bobby Paul	106 in total of 3 sessions in a year
2.	Operations Research workshop Duration: 3 days Dates: 11-13th March, 2024	Dr. Bobby Paul	35
3.	Mixed Method Research Workshop Duration: 3 days Dates: 11-13th November 2024	Dr. Bobby Paul	26
4.	Training on Biological Disasters for NDRF & SDRF Personnel (2 rounds) Duration: 1 day Dates: 4th March 2024 29th August 2024	Dr. Bobby Paul	95
5.	CBPAR with MMR Workshop (2 rounds) Duration: 2 days Dates: 1-2nd February 2024 and 22nd March-23rd March	Dr. Bobby Paul	32
6.	Pre conference CBPAR workshop for Annual State IAPSMCON 2024 Duration: 1 day Date: 20th July 2024	Dr. Bobby Paul Dr. Rivu Basu	20

### *No. of outreach awareness programs conducted:*

Sl.	Name of the Awareness/Observation of days	No. of Participants	Coordinator
1.	Awareness Drive on Balanced Nutrition , Health & well-being of Mother Child Dyads	60	Dr. Bobby Paul
2.	Observation of World Hypertension Day <ul style="list-style-type: none"> <li>• Rural Market Place, Singur</li> <li>• RHUTC, Singur</li> <li>• Residents of Sriguru Bholananda OLD AGE Home</li> <li>• Transgenders, FSWS, LGBTQIA+ &amp; PLHIV Family Planning Association of India</li> </ul>	61	Dr. Lina Bandyopadhyay
		48	Dr.Rivu Basu
		35	Dr.Rivu Basu
		39	Dr. Lina Bandyopadhyay
3.	NCD Camps once monthly at 2 subcenters	>50 patient at each	Dr.Rivu Basu

		subcenter each day	
4.	Observation of World Environment Day at Gomotia Village	40	Dr.Harikrishna B.N
5.	Observation of World Breastfeeding Week-2 PHCs	65	Dr.Rivu Basu
6.	Healthy Lifestyle Awareness programme-2 PHCs	80	Dr.Harikrishna B.N
7.	Safe Parenthood Awareness Programme-2 PHCs	50	Dr.Harikrishna B.N
8.	Observation of World Diabetes Day at Gomotia village	52	Dr.Rivu Basu
9.	Awareness on World Malaria Day at Diara PHC	40	Dr.Harikrishna B.N
10.	Observation of National Dengue Day at Anandanagar PHC	30	Dr.Rivu Basu
11.	Swachhata Pakhwaada+Swachhta Awareness Programme at <ul style="list-style-type: none"> <li>• Hakimpur High School</li> <li>• Gomotia Primary School</li> <li>• RHUTC, Singur</li> <li>• Waste to Art Programme at Sarojini Naidu College of Women</li> </ul>	55	Dr.Harikrishna B.N
		35	Dr.Harikrishna B.N
		40	Dr.Harikrishna B.N
		100	Dr. Rivu Basu
12.	Observation of World Hepatitis Day	32	Dr.Rivu Basu

### *New initiatives*

- Village Adoption Programme started in Gomotia Village, Singur from 29/02/24 by the Department to conduct various awareness programmes with a vision to make the village a model health village.
- PG Masterclasses started on regular basis on iECHO platform and guest lectures were also held in that platform.
- Certificate Course on Public Health Emergency Management (hybrid mode) was proposed and sent for approval to DGHS to be held in collaboration with NCDC, New Delhi.
- NCD Camps have been started on monthly basis from June 2024 onwards at two centers namely Nanda and Balitipa SC on a regular basis and 6 rounds conducted till date.
- Dr Rivu Basu has acted as a Nodal Person for the pilot project of “Drone in Healthcare” at Singur RHUTC service area in collaboration with NHSRC, MoHFW

### *Awards or fellowships*

Sr.	Name of the award	Name of the student/Faculty
1.	Winner Quiz Competition at Annual State IAPSMWBCON 2024	Dr. Soumik Ghosh DR. Akash Dasgupta

2.	Winner Debate Competition at Annual State IAPSMWBICON 2024	Dr. Akash Dasgupta
3.	2nd Prize Poster Competition at IAPSMWBICON 2024	Dr. Shuvajit Roy
4.	Winner of ICC Young Minds Competition 2024	Dr. Taulik Goswami
5.	2nd Prize at Annual Family Medicine & Primary Care Conference, AIIMS Rishikesh	Dr. Debapriya Bakshi
6.	Winner of 'Lord of the Riddle' at Annual National EFICON Lucknow, 2024	Dr. Jyotika Singh Dr. Fatima Abdul Kalam
7.	Winner of Quiz competition at Annual National EFICON Lucknow, 2024	Dr. Jyotika Singh Dr. Amlan Sarkar
8.	Winner of Poster competition in Different Categories at Annual National IAPSMCON Mangalore, Karnataka	Dr. Adil Hussain Dr. Sujith Surendran Dr. Ankur Chowdhari Dr. Aditi Sur
9.	Presentation among three best papers at "Saroj Jha Award Paper" Session at Annual National IAPSMCON Mangalore, Karnataka	Dr. Rumelika Kumar



**Participants, facilitators, & organisers with Director Dr. Ranjan Das in CBPHEM for DHO Programme conducted from Nov 18-23, 2024 at B N Campus**



**Participants with facilitators, & organisers In Workshop for Operations Research conducted from 11-13th March, 2024 at B N Campus**



**PGTs with Residents of Gomotia Village at Gomotia Primary School for Observation of 'World Diabetes Day' 14<sup>th</sup> November, 2024**



**PGTs & MOs with ASHA workers in a Session on 'World Dengue Day' at Anandanagar PHC on 16 May, 2024**



**Director Dr. Ranjan Das & Dr. Bobby Paul in National Workshop on 'Health sector- Disaster Preparedness and Response' at New Delhi on 11th March, 2024**



**Judging the Sit and Draw competition on the occasion of Swachhta Hi Seva campaign at RHUTC, Singur on 24<sup>th</sup> September, 2024**

## DEPARTMENT OF OCCUPATIONAL HEALTH

The Department of Occupational Health at AIHH&PH has been a cornerstone of excellence in workplace health for 75 years, established in 1949 to address the critical need for trained professionals in occupational and industrial health. Its Diploma in Industrial Health (DIH) program, launched alongside its founding, has produced graduates who have significantly contributed to diverse industries, including coal, cement, oil, and railways, enhancing workplace safety and productivity. After a decade-long pause, the reintroduction of the Associate Fellowship in Industrial Health (AFIH) and Occupational Health Internship programs demonstrates the department's commitment to addressing modern challenges in workplace health. Alongside education, the department has been a leader in occupational health research, developing preventive guidelines and influencing policies that prioritize worker safety.

### *Mission of the department*

To nurture skilled professionals and advancing occupational health for a rapidly evolving industrial landscape.

### *Brief about activities conducted by the department.*

Different courses:

- AFIH program,

This program affiliated and regulated by DGFASLI, MoL&E under the Factories Act, trains doctors in managing occupational health issues, focusing on hazards, risk and preventive measures in industries. The Aug–Nov 2024 batch had 23 participants.

- Internship program

This program (6 months) offers practical training in addressing workplace health challenges in organized and unorganized sectors, focusing on hazard identification, prevention, and environmental health. Two MSc Environmental Health students from RKMVERI, Narendrapur completed their internship from the department in month of June.

- No. of short trainings conducted: 07
- Overall total no of participants in 7 short training programs: 178
- No. of outreach awareness programs /Observation/extension activities conducted:
  - Two (2) awareness/ observation conducted:
    - **A tree plantation drive "Ek Ped Maa Ke Naam," along a human chain formation and a marathon,** was organized as part of the Swachhata Hi Seva Campaign 2024 (17<sup>th</sup> Sept- 2<sup>nd</sup> Oct 2024).  
No. of Participants: 50 (Staffs and Students)
    - **International Day for the Prevention of Violence Against Women** On 25th November 2024, a series of competitions were organized to raise awareness and encourage active involvement

from students and staff. The events included poster-making, essay writing, slogan creation, and photography. For each category, one winner was chosen from the staff and one from the student group.

No. of Participants for the competitions: 15 Staffs, 10 students

- No. of Extramural research project conducted: 02
- No. dissertation and short studies conducted:
  - Total: 25 (23 AFIH projects, 2 interns projects)
- No. of Articles published: 08

### *List of faculty members*

Photo	Name	Designation	Area of expertise	Mobile No.	e-mail
	Dr. Monalisha Sahu	Associate Professor & HoD (Acting) from 01/03/2023 MBBS, MD	Occupational Health, Environmental Health, Climate Change.	9873927966	drmonalisha@outlook.com
	Dr. Nandini Bhattacharyya	Senior Medical Officer MBBS, DIH	Occupational Health	9143036926	nandini_bhattacharyya@yahoo.co.uk
	Dr. Sibnath Banerjee	Assistant Professor (From 07/12/2022) M. Sc. (Chemistry); Ph. D.	Analytical Chemistry, Industrial Hygiene.	8767173248	snb301259@gmail.com
	Dr. Ningombam/oenna Devi	Assistant Professor (From 28/12/2023) MBBS, MD	Occupational Health, Ergonomics	9863858093	ningjoenna@gmail.com
	Dr. Bismita Nath	General Duty Medical Officer, MBBS	Occupational health ILO radiograph	9123945861	nathbismिता@gmail.com

### *Incumbency position of staff*

Sr.	Designation	Total no. of posts	Vacant posts
1.	Laboratory Technician	02	00
2.	Stenographer	01	00
3.	MTS	01	00
4.	Laboratory Attendant	01	00

### *Conference/Seminar/Workshop/Trainings attended or participated*

Sr.	Name of faculty	Name of the event and place	Role
1.	Dr.Monalisha Sahu	6 <sup>th</sup> ICC National Occupational Health and Safety Awards, 2024	Jury Member
2.	Dr.Monalisha Sahu	Attended 39th IAPSM WBCON 2024 Organized by Department of Community Medicine, JIMSH, Budge Budge 9th & 10th August 2024	Scientific Committee Member Chair person & Judge
3.	Dr.Monalisha Sahu	10 <sup>TH</sup> IAPSMCON conference for MP & CG chapter	Invited expert for Preconference session
4.	Dr.Monalisha Sahu	Breakfast Seminar & Lunch Seminar at SLU, Uppsala Sweden	Invited expert
5.	Dr.Monalisha Sahu	Webinar on Occupational Health in Construction Industry- Actionable Solutions for Emerging Issues as requested by ICOH Scientific Committee	Invited Speaker
6.	Dr.Monalisha Sahu	National Occupational Health, Safety & Environment (OHSE) committee, Indian Chambers of Commerce (ICC) for the year 2023 as a member	Invited Speaker
7.	Dr.Monalisha Sahu	74 <sup>th</sup> National Conference of Occupational health OCCUCON-2024, Vadodara	Speaker for Oral presentation
8.	Dr.Monalisha Sahu	Addressing the "Opening Session" as an Eminent Speaker of the 6 <sup>th</sup> ICC National Occupational Health and Safety Conference, 2024	Invited Speaker

9.	Dr.Monalisha Sahu	One day National Standards for Civil Service Training Institutions (NSCSTI) workshop [ at Shri Krishna Institute of Public Administration (SKIPPA), Ranchi, 2023	Attended as Trainee
10.	Dr.Monalisha Sahu	Valedictory sessions of the Bengal Global Business Summit, 2023	Invited Speaker
11.	Dr.Monalisha Sahu	Resource person for the CME at ESI PGIMSR and ESIC Medical College & Hospital and ODC (EZ), Joka, Kolkata	Resource Person
12.	Dr.Monalisha Sahu	Women Lift Health India's Leadership Journey Immersion, 2024	As attendee
13.	Dr.Monalisha Sahu	ICMR Committee on Environmental and Social Impact Assessment as an expert	Expert
14.	Dr.Monalisha Sahu	Continuing Medical Education (CME) Program as a panelist of Career opportunities in Occupational Health" Panel discussion on CME conducted by the Division of Occupational Health, Department of community Health	Panelist
15.	Dr.Monalisha Sahu	AFIH Exam at ESI Bihta & ESI Joka	External Examiner
16.	Dr.NingombamJoenna Devi	Attended 39th IAPSM WBCON 2024 Organized by Department of Community Medicine, JIMSH, Budge Budge 9th & 10th August 2024	Participant
17.	Dr.NingombamJoenna Devi	Basic Course in Medical Education (BCME) from NMC regional centre ESI-PGIMSR & ESIC Medical College, Joka from 29th July 2024 to 31st July 2024.	Participant
18.	Dr Bismita Nath	ILO radiograph by DGFASLI	Participant

19.	Miss. Amshree Kundu	Attended Training Programme on "Sexual Harassment in Work Place" Organized by Regional Training Centre, Institute of Government Accounts and Finance, Govt of India on 06.11.2024	Participant
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*EMR duty/ Evaluation National Programs/ Other consultancies*

Sr.	Name of faculty	Nature of activity: EMR duty/ Evaluation National Programs/ Other consultancies	Role
1.	Dr. Monalisha Sahu	ICMR Committee on Environmental and Social Impact Assessment as an expert	As Expert Consultation
2.	Dr. Monalisha Sahu	Invitation by National Human Rights Commission to attend "Meeting of the Core Group on Right to Food and Nutrition" for One Nation One Ration Card virtually	As Expert Consultation

*List of Publications*

Sr.	Publication-in Vancouver style	Authors
1.	Effectiveness of Video-Assisted Teaching program among Tribal Women for Under-5 age children Malnutrition Prevention. In Proceedings of the 2nd ICSSR Conference on "India Towards Viksit Bharat 2024 Sep (Vol. 2047, pp. 13th-14th).	Chaturvedi C, Krupanidhi S, Chaturvedi S, Sahu M
2.	Global, regional, and national burden of upper respiratory infections and otitis media, 1990–2021: a systematic analysis from the Global Burden of Disease Study 2021. The Lancet Infectious Diseases. 2024 Sep 9.	Sirota SB, Doxey MC, Dominguez V, Bender RG, Vongpradith A, Albertson SB, et al
3.	Global fertility in 204 countries and territories, 1950–2021, with forecasts to 2100: a comprehensive demographic analysis for the Global Burden of Disease Study 2021. The Lancet. 2024 May 18;403(10440):2057-99.	Bhattacharjee NV, Schumacher AE, Aali A, Abate YH, Abbasgholizadeh R, Abbasian M, et al
4.	Global burden and strength of evidence for 88 risk factors in 204 countries and 811 subnational locations, 1990-2021: a systematic analysis for the global burden of disease study 2021.	Brauer M, Roth GA, Aravkin AY, Zheng P, Abate KH, Abate YH, et al
5.	Global, regional, and national incidence and mortality burden of non-COVID-19 lower respiratory infections and aetiologies, 1990–2021: a systematic analysis from the Global Burden of Disease Study 2021. The Lancet Infectious Diseases. 2024 Apr 15.	Bender RG, Sirota SB, Swetschinski LR, Dominguez RM, Novotney A, Wool EE, et al.

6.	Global burden of 288 causes of death and life expectancy decomposition in 204 countries and territories and 811 subnational locations, 1990–2021: a systematic analysis for the Global Burden of Disease Study 2021. <i>The Lancet</i> . 2024 May 18;403(10440):2100-32.	Naghavi M, Ong KL, Aali A, Ababneh HS, Abate YH, Abbafati C, et al.
7.	Global fertility in 204 countries and territories, 1950–2021, with forecasts to 2100: a comprehensive demographic analysis for the Global Burden of Disease Study 2021. <i>The lancet</i> . 2024.	Schumacher AE, Aali A, Abate YH, Abbasgholizadeh R, Abbasian M, Abbasi-Kangevari M, et al.
8.	Twin studies as an innovative approach to address research questions in cancer care within primary care settings. <i>Family Medicine and Community Health</i> . 2024;12(Suppl 2).	Sahu M

### *List of Dissertation research/Short study*

Sr.	Title of dissertation/short study	Name of student	Guide
1.	A Cross-Sectional Study on Hearing Loss Prevention in Poultry Feed manufacturing Plant: Examining Knowledge, Attitudes, and Practices (KAP) of Workers	Mr. Arkadip Mondal	Dr.Monalisha Sahu
2.	A cross-sectional study on Prevalence, Knowledge, Attitude and Practice of heat related illnesses among agricultural workers in a rural setting of South 24 Parganas	Miss. Nidrothita Modak	Dr.Monalisha Sahu
3.	A Cross-Sectional Study to Assess the Prevalence of Work Related Musculo-Skeletal Disorders among Dental Practitioners in Kolkata, West Bengal	Dr. Abhisek Chakraborty	Dr.Monalisha Sahu
4.	An observational Study of hand hygiene practices and knowledge among healthcare workers in a Tertiary Care Hospital in Kolkata	Dr. Adwaya Das	Dr.Monalisha Sahu
5.	Evaluation of Physical Activity levels of bank employees in greater Kolkata, India	Dr. Anindita Barui	Dr.Monalisha Sahu
6.	An Exploratory Mixed Method Study on Alcoholism and Its Long-Term Outcome Among Coal Miners of ECL	Dr. Arindam Banerjee	Co-guide: Dr.Monalisha Sahu
7.	Hand Hygiene and Skin Disorders in people Working in Phuchka Factory	Dr. Chandra Nath Dey	Dr.Monalisha Sahu
8.	Prevalence of Foot Pain Among Nurses Working in Private Medical College Hospitals in Visakhapatnam	Dr. Chinmi Ganesh	Dr.Monalisha Sahu
9.	To Assess Prevalence of Metabolic Diseases in Underground Coal Miners Working in Shift Duties in Pench area of Western Coal filed limited -A Retrospective cross-sectional Study	Dr.Dahiwale Akshay C	Dr.Monalisha Sahu
10.	A Cross-Sectional Study on Morbidity Profile of Workers in Automobile industry, Gurugram (HR)	Dr. Lokesh	Co-guide: Dr.Monalisha Sahu

11.	Occupational Hazards and their Effects in the Automobile Industry	Dr. Nityanand Kumar	Dr.Monalisha Sahu
12.	A Retrospective Study on the Prevalence of T2DM and Medication Adherence in Coal Miner of OCP of Salanpur Area of ECL	Dr. Parmar Ashutosh	Dr.NingombamJoenna Devi
13.	Prevalence of Health Issue Among Computer Workers in Hindalco Industry Limited, Renukoot, UP	Dr. Praveen Kumar Pargi	Co-guide: Dr.Monalisha Sahu
14.	A Study of Skin Diseases Among People Working in The Garment Industry at Chennai	Dr. R. Prabakaran	Dr.Monalisha Sahu
15.	A Study of Occupational Injury Among Workers in Wood Industry, Salem, Tamil Nadu	Dr. G Raguvardhan	Dr.Monalisha Sahu
16.	Cross Sectional Study of Hearing Loss in Autorickshaw Drivers	Dr. Rajarshi Sengupta	Dr.Monalisha Sahu
17.	Cross-Sectional Study to assess Prevalence of Hypertension, Anxiety & Stress Among Coal Miners in Kajora Area of Eastern Coal Fields Limited	Dr. Rajesh Bhowmik	Dr.Monalisha Sahu
18.	A Cross-Sectional Study on the Morbidity Profile of Coal Miners in the Pandaveswar Region of ECL.	Dr. Sabyasachi Maity	Dr.Monalisha Sahu
19.	Cross Sectional Study Measuring Prevalence of Work-Related Musculo-Skeletal Pain Among House Maids ofChetla Area, Kolkata	Dr. Sayantani Sarkar	Dr.Monalisha Sahu
20.	Prevalence Of Depression, Anxiety and Stress Among Night Shift Workers in Hospital in Chennai, Tamil Nadu	Dr. Simon Raj Maria Doss	Dr.Monalisha Sahu
21.	Cross-Sectional Study of Sleep Disorders Prevalence in Emergency & Critical Care Doctors & Nurses in Hospitals in Telangana	Dr. SS Chaitanya Prasad	Dr.Monalisha Sahu
22.	A Cross-Sectional Study to Assess the Prevalence of Musculo-Skeletal Disorders and Morbidity Profile Among Workers in a Jute Mill in North 24 Parganas, West Bengal	Dr.Souraj Sarkar	Dr.Monalisha Sahu
23.	Study of Morbidity Profile in Unorganised Scrapyard Workers Dharwad city, Karnataka	Dr. Sumit Agnihotri	Co-guide: Dr.Monalisha Sahu
24.	To Assess the Burden of Poor Mental Health Among Construction Site Workers in Jaipur	Dr. Suraj Asiwai	Co-guide: Dr.Monalisha Sahu
25.	Study on Prevalence of Varicose Vein among various workers attending to a Tertiary Care Hospital in Pondicherry	Dr. Vignesh Elumalai	Dr.NingombamJoenna Devi

### *List of training programs*

Sr.	Title of training	Co-Ordinator	No. of participants
1.	Training Programme on ‘Basics of Occupational Health and Safety’ on 5 <sup>th</sup> January 2024	Dr. Bismita Nath	25

2.	Training program on “Basics of Occupational Health and Safety” for WBPDCOL Kolaghat on 27 <sup>th</sup> February 2024	Dr.Monalisha Sahu.	15
3.	Training Program on “Basics of Occupational Health & Safety” for M.Sc. Physiology students of Kalyani University on 18 <sup>th</sup> April, 2024	Dr.Monalisha Sahu.	8
4.	Hindustan Aeronautics Limited, (HAL) Barrackpore Training on 21 <sup>st</sup> June, 2024	Dr.Monalisha Sahu.	25
5.	Training program on “Basics of Occupational Health and Safety” for WBPDCOL Bandel on 4 <sup>th</sup> October 2024	Dr.Monalisha Sahu.	25
6.	Training program on 'First aid' at the Pan Seeds Pvt ltd, Burdwan Plant on 22 <sup>nd</sup> October 2024	Dr.Monalisha Sahu.	30
7.	Three Days Research Methodology Workshop from 21st to 23rd August 2024 (Hybrid mode)	Dr.Monalisha Sahu.	50

### *New initiatives*

#### ➤ **PhD Programme:**

- The Department aims to introduce a new Ph.D. Programme in Occupational Health.

#### ➤ **Revival of Occupational Health Laboratory:**

- Efforts are underway to revive the Occupational Health Laboratory for Ergonomics and Toxicology laboratories

#### ➤ **On-site Training:**

- The department has successfully conducted four on-site training programs aimed at raising awareness among workers engaged in hazardous processes across various industries, including the unorganized sector.
- Collaborations with National and International organizations such as ILO, UNSW, NIOH, and ICMR are also being planned to further expand the department's scope and impact.



**Reinstitution of Hygiene Laboratory on 3<sup>rd</sup> January, 2024**



**Human chain formation 'Swacchata Hi Seva' campaign on 26<sup>th</sup> September, 2024**





**75th Year of Service to the Nation with a Diamond Jubilee Event on 26<sup>th</sup> November, 2024**

**The Convocation Ceremony for the AFIH (Aug-Nov) students at AIH&PH on 26<sup>th</sup> November, 2024**



## EPIDEMIOLOGY

The Department of Epidemiology is the first separate Department in any institute/college in India established along with the formation of the Institute in 1932. 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. The Sonagachhi Project [identified as a World Health Organization (WHO) model] launched in 1992 by the Dept. in Sonagachhi 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 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 strives to better understand the burden and causes of health problems in human populations, and to make changes that decrease risk and improve health.

### *Mission of the Department*

To contribute to the reduction of the disease burden in human populations through education, research and service.

### *Brief about activities conducted by the department*

- MD (MPH) Epidemiology Three-year full-time course recognized by NMC and affiliated to WBUHS. Intake capacity of the MD (MPH) Epidemiology - 7 seats. At present 14 students are currently pursuing the course in three batches.
- Classes taken for other courses i.e. MD(CM), PGDPHM, MSc (MCH), MSc (HPE), SHI, MSc (Applied Nutrition) and DHPE courses.
- Community Diagnosis Programme (07.11.2024-05.12.2024) at Rasulpur Village in collaboration with Department of Microbiology and Department of Biochemistry & Nutrition, AIHH&PH, Kolkata for MD (MPH) Epidemiology and MD (CM) residents of session 2023-26.
- Twenty two (22) participants were trained in the short training programme (Essentials of Scientific Protocol Writing, 20-22nd August 2024)) by the Dept. attending from different parts of the country including MoHFW candidates.
- More than 500 participants were involved in 4 awareness programmes and observation of days in different settings (World Hypertension Day Celebration on May 2024, World Alzheimer's Day Celebration on 20.09.2024, Swachhata Hi Seva in Rasulpur Village on 27.09.2024, Community Debriefing & Sensitisation in Rasulpur Village on 03.12.2024).
- Three (3) dissertations were completed, 11 are ongoing, 13 short studies including 3 outside AIHH&PH, Kolkata have been completed and 16 are ongoing by Junior residents of the department.

- Two (2) outbreak investigations of human case of avian influenzas were led by the department.
- Seventeen (17) dissertation works of outside AIIH&PH, Kolkata have been guided by the faculty of the department.
- Ten (10) articles were published by students and faculties of the department.

### *List of faculty members*

Photo	Name	Designation	Area of expertise	Mobile No.	e-mail
	Dr. Sanjoy Kumar Sadhukhan MD	Director Professor & HOD	Epidemiology, Research methods, Programme Evaluation, Biostatistics.	9836287874	sdknsanjoy@gmail.com sadhukhansk.iihp@nic.in
	Dr. Manas Kumar Kundu DPH, DFM (RCGP, UK) MPH PhD	Public Health Specialist (SAG) & Additional Director.	Surveillance, PHEIC & IHR, Immunization, NTDs, TB	9432012708	kundum2000@gmail.com
	Dr. Jayita Pal MD	Assistant Professor	MCH, Nutrition, Disaster, Surveillance.	9831523304	docjayita.pal@rediffmail.com

### *Incumbency position of other staff*

Sr. .	Designation	Total no. of posts	Vacant posts
1	Faculty members (Asstt. Prof - Prof)	04	02
2	Field Epidemiologist (PH Specialist)	01	01
3	Statistician (Demonstrator/Tutor/Asstt. Prof.)	01	01
4	Stenographer	01	01
5	MTS (Lab attendant)	02	01

*Conference attended/participated*

Sr.	Name of faculty	Name of the event & place	Role
1.	Dr. M. K Kundu	1st National Public Health India Conference (NPHICON): Feb 2024 NCDC New Delhi	Invited speaker on "Review of roadmap of NTDs in India-Strategies, Challenges and Opportunities"

*Workshops/Trainings/Meetings etc. attended/participated*

Sr.	Name of faculty	Name of the event & place	Role
1.	Dr. S. K. Sadhukhan	Training on "Big Data Analytics in Govt.- Advanced" ISTM New Delhi	Trainee
		"Updates on Research Ethics and Good Clinical Practice" AIIH&PH, Kolkata	
2.	Dr. M. K. Kundu	National Level Workshop on LCDC CLTRI, Chengalpattu	Resource person
		Sensitization & Co-ordination meeting on Mpox (webinar) AIIH&PH, Kolkata	Do
		NLEP review meeting for the low endemic States SLOs (NE States, Goa, Puducherry and A&N Islands New Delhi	Resource person
		NLEP review meeting for the Moderate Endemic States SLOs. New Delhi	Do
		State level review meeting on NLEP Agartala	Participant
		Training on "Statistical Tools and Techniques" ISTM, New Delhi	Trainee
3.	Dr. Jayita Pal	Training on "Monitoring and Evaluation of Government Schemes" ISTM New Delhi.	Trainee
		"Updates on Research Ethics and Good Clinical Practice" AIIH&PH, Kolkata	

*EMR duty/ Evaluation National Programs/ Other consultancies*

Sr.	Name of faculty	Name of the event & place	Role
1.	Dr. M. K. Kundu	Outbreak investigation as AIIH&PH Team Lead for H5N1 Avian Influenza of a child came to Kolkata from Australia Kolkata	Team Lead
		Outbreak investigation for H9N2 Avian Influenza case from Malda District admitted in NRSMC&H, Kolkata	Team Lead
		LCDC Monitoring Bankura & Purulia District	Central Team with DDG (Leprosy)
		Monitoring & Evaluation of NSP on NLEP Rajasthan	Central Monitor

2.	Dr. Jayita Pal	Outbreak investigation as AIIPH&PH Team Member for H5N1 Avian Influenza of a child came to Kolkata	Team Member
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### *List of Publications*

Sr.	Publication	Authors
1.	A study on chronic obstructive pulmonary disease and its determinants among underground coal mine workers in Bankola area, Durgapur, West Bengal. <i>Int J Community Med Public Health</i> 2024;11:3608-15.	Haque HZ, Sadhukhan SK, Pal J, Krishna N.
2.	Thyroid Disorders among Type 2 Diabetes Mellitus: A Cross-sectional Study from a District Hospital in West Bengal. <i>J Assoc. Physicians India</i> 2024;72 (7): 13-16. <a href="https://doi.org/10.59556/japi.72.0591">https://doi.org/10.59556/japi.72.0591</a> .	Bhattacharyya A, Rao AV, Halder S, Sadhukhan SK et al
3.	AMR An Emerging Threat. <i>Public H Open Acc</i> 2024, 8(1): 000263 (DOI: 10.23880/phoa-16000263)	Bhattacharyya S, Dan S, Sadhukhan SK
4.	A cross-sectional study of knowledge and stated practices regarding HIV among truck drivers in Basirhat health district, West Bengal. <i>Int J Community Med Public Health</i> 2024;11:4346-53.	Halder T, Pal J, Debnath P, Ghosh M
5.	A qualitative study among doctors exploring the factors influencing the doctor-patient relationship in a Government Medical College, Nadia district, West Bengal. <i>Int J Community Med Public Health</i> 2024;11:3968-75.	Pal J, Krishna N, Mandal M, Ghosh K.
6.	Knowledge and stated practice of contraception among adult married males in Bishnupur-II block, South 24 Parganas, West Bengal. <i>Int J Reprod Contracept Obstet Gynecol</i> 2024;13:2857-62.	Karmakar A, Pal J, Ghosh M, Pramanik MK, Mahato B, Gayen RK.
7.	A cross-sectional study on factors associated with iron-folic acid supplement adherence among antenatal women of Haringhata block of Nadia district, West Bengal. <i>Int J Community Med Public Health</i> 2024;11:3150-5.	Mandal M, Pal J, Ghosh M, Das H, Das D.
8.	Effect of health education on knowledge regarding cervical carcinoma among the female college students of Nadia district, West Bengal. <i>Int J Res Med Sci</i> 2024;12:2474-81.	Debnath P, Pal J, Halder T, Ghosh M.
9.	Infant and young child feeding knowledge and practices among mothers of under-5 children in Nadia district, West Bengal: a cross-sectional study. <i>Int J Community Med Public Health</i> 2024;11:2839-46.	Saha R, Pal J, Ghosh M.
10.	A Cross-Sectional Study on Depression, Anxiety, and Stress among the Students in a Medical College of West Bengal: An Insight with the Help of Machine Learning. <i>J of Population Therapeutics and Clinical Pharmacology</i> 202;30(18):3169-85.	Ghosh M, Pal J, Chakraborty K, Pandey A.

*List of Dissertation research*

<b>Sr.</b>	<b>Title of dissertation</b>	<b>Name of student</b>	<b>Guide</b>
1.	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	Dr. S. K. Sadhukhan
2.	A Cross-Sectional Study on Chronic Pain and its Associates among the Elderly in a Rural Area of Hooghly District, West Bengal.	Dr. Kaustab Ghosh	Do
3.	Injuries sustained in Road Traffic Accidents and Associated Factors among the Admitted patients in a Tertiary Care Hospital of West Bengal.	Dr. Mainak Mondal	Do
4.	A study on association between obesity and elevated liver enzymes in adults visiting a diagnostic laboratory for health check-up at Burdwan town, West Bengal.	Dr. Subhashis Dan	Do
5.	A cross sectional study on sleep quality and its associates among school going adolescents in an urban area of West Bengal.	Dr. Soham Biswas	Do
6.	Quality of Life and its Associated factors among Chronic Kidney Disease Patient on Hemodialysis attending a Tertiary Health Facility of Kolkata.	Dr. Rajdeep Shaw	Do
7.	A Study on Common Mental Health Problems and its Associates among Homemakers in a Slum of Kolkata.	Dr. Kirtesh Tewari	Do
8.	A Cross sectional Study on Household level Food Insecurity and its Determinants in a Rural Area of West Bengal.	Dr. Deepumon Rajendran	Do
9.	A Cross-Sectional Study on the Quality of Life of Diagnosed Cases of Knee & Hip Osteoarthritis in a Sub Divisional Hospital of West Bengal.	Dr. Indranil Naiya	Do
10.	Assessment of Iron Folic acid (IFA) Supplementation Status of Adolescents in a Village of Purba Bardhaman district, West Bengal.	Rimi Mukhopadhyaya	Do
11.	A Cross-Sectional Study on Morbidity Pattern and Health Seeking Behaviour among Female Sex-Workers in a Rural Area of West Bengal.	Dr. Aniruddha Biswas	Dr. R. R. Pati

12.	A Study on Frailty and its Determinants among Type-2 Diabetic Patients Aged 45 Years and above attending Outpatient Department of an Urban Health Unit, Kolkata.	Dr. Lamabam Harit Singh	Do
13.	A Cross-Sectional Study on Bone Health Status among Elderly in an Urban Slum of Kolkata.	Dr. Koushik Nag	Do
14.	A Study on Common Adolescent Mental Disorders and its Associates in a Rural area of West Bengal.	Dr. Vibhuti Vaibhab	Dr. A. K. Mallick
15.	A Cross-sectional study on Quality of Life and its Associates among Beta-Thalassemic Children and their Caregivers at a Government Medical College and Hospital, West Bengal.	Dr. Avijit Mondal	Dr. A. K. Mallick
16.	A cross-sectional study on health-related quality of life and its determinants among elderly diabetic patients at Haringhata block, Nadia, West Bengal.	Dr. Mrinal Pramanik	Dr. Jayita Pal
17.	Effect of health education on knowledge regarding cervical carcinoma among the female college students of Nadia district, West Bengal.	Dr. Priya Debnath	Do
18.	Infant and Young Child Feeding knowledge and practices among mothers of under-5 children and its association with childhood nutrition in Nadia district, West Bengal: A cross-sectional study.	Dr. Rakhi Saha	Do
19.	A cross-sectional study on teenage pregnancy and its associated factors in Nadia, West Bengal.	Dr. Ashifa Sultana	Do
20.	A cross-sectional study on birth preparedness and complication readiness among antenatal mother of Magrahat I block, South24 district, West Bengal.	Dr. Ramkrishna Gayen	Do
21.	Knowledge and stated practices regarding tuberculosis preventive treatment among household contacts of notified microbiologically confirmed pulmonary tuberculosis patients in a block of Diamond Harbor Health District, West Bengal: a cross-sectional study.	Dr. Sakil Ahmed	Do
22.	A study on patterns of injuries documented at emergency department in a super-specialty hospital of South 24 parganas district, West Bengal.	Dr. Purnashree Mondal	Do
23.	Evaluation of cold chain management system in Nadia district, West Bengal.	Dr. Priyanka Ghosh	Do
24.	An observational study on factors associated with non-adherence to treatment among adult	Dr. Ibraar Ansari	Do

	hypertensive patients in a block of South 24 parganas, West Bengal.		
25.	Knowledge and stated practice towards anemia among mid-adolescent Government school going students of a municipal area, Nadia district, West Bengal: A cross-sectional study.	Dr. Poulami Bayen	Do
26.	A cross-sectional study on depression, anxiety and stress among students in a medical college of Nadia district, West Bengal.	Dr. Manoj Ghosh	Do
27.	A cross-sectional study on knowledge and stated practices regarding HIV transmission and prevention among truck drivers in Basirhat Health District, West Bengal.	Dr. Tanudipto Halder	Do
28.	An observational study to evaluate the operational aspects of gap in distribution of spectacles among school children in Ranaghat subdivision, Nadia, West Bengal.	Dr. Bharat Bhusan	Do
29.	A cross-sectional study on factors associated with iron-folic acid supplement adherence among antenatal women of Haringhata block of Nadia district, West Bengal.	Dr. Mousumi Mandal	Do
30.	A study on knowledge and stated practice of contraception among adult married males in Bishnupur II block, South 24 parganas, West Bengal.	Dr. Anil Karmakar	Do
31.	A cross-sectional survey on parental vaccine hesitancy during measles rubella vaccination campaign in Haringhata block of Nadia district, West Bengal.	Dr. Bappaditya Mahato	Do

### *List of Short study*

Sr.	Title of Short study	Name of student	Guide
1.	Hypertension and its Associates among Bodo Tribal Community in Rural Area of Assam	Dr. Lamabam Harit Singh	Dr. S. K. Sadhukhan
2.	Exploring Health-Seeking Behaviour and its Barriers among Transgender Individuals in Imphal, Manipur: A Qualitative Study	Do	Dr. J Pal
3.	Effect of Educational Intervention on Knowledge regarding Autism among ASHA workers in Service area of RHUTC Singur, West Bengal	Dr. Kirtesh Tiwari	Do
4.	Knowledge and Practice of Artificial Intelligence in Academics among Students at AIIHPH, Kolkata	Dr. Deepumon Rajendran	Do

5.	A Cross-Sectional Study on Knowledge and Practice of Contraception among Adult Married Males in a Rural Area of West Bengal	Do	Dr. S. K. Sadhukhan
6.	A Study on Non-Pharmacological Measures in Managing Blood Pressure among the Hypertensive Patients visiting an Out Patient Department in a Rural Area of West Bengal.	Dr. Indranil Naiya	Do
7.	A Study on Prevalence of Painful Diabetic Neuropathy(PDN) among the Diabetic Patients visiting an Urban Health Centre of West Bengal.	Do	Do
8.	A Study on Stress Anxiety and Depression among students of an University in Purulia West Bengal	Dr. Koushik Nag	Do
9.	A Study on Prevalence and Pattern of Skin diseases among patient in a Steel Plant Hospital in West Bengal.	Do	Do
10.	A Study on Sleep Quality and its Associates among Elderly attending an Urban Health Centre in Kolkata	Dr. Vibhuti Vaibhab	Dr. J Pal
11.	A Study on Professional Stress among ASHA Workers in Singur	Do	Do
12.	Coverage of Pneumococcal Vaccination and its Barriers among Healthcare Delivery Personnel at Burdwan Town of Purba Bardhaman District, West Bengal.	Dr. Subhashis Dan	Dr. S. K. Sadhukhan
13.	Substance use and its associated factors among school going late adolescents in a municipal area of West Bengal	Dr. Soham Biswas	Dr. J Pal
14.	A Qualitative study on Psychosocial issues Experienced by the Leprosy patients in Regional Leprosy Training and Research Institute Gouripur, West Bengal.	Dr. Rajdeep Shaw	Do
15.	Knowledge about Vaccines, Attitude towards Emporiatics and Pre-travel Health-Seeking Behaviour among the Indians Travelling abroad attending a Yellow Fever Vaccination Centre in Kolkata	Dr. Nandu Krishna J	Dr. S. K. Sadhukhan
16.	Epidemiological and Spatial characteristics of Scrub Typhus in Hooghly District from 2019-2023	Do	Do
17.	Social Phobia and its associated factors among Medical Undergraduates in a Medical College of Kolkata: A Cross-Sectional study	Do	Dr. J Pal
18.	A Retrospective study of Snakebite cases in Hooghly district, West Bengal.	Dr. Mainak Mondal	Dr. S. K. Sadhukhan

19.	Internet Addiction and Psychological Co-morbidities among Undergraduate Medical Students of a Medical College in Kolkata: A Cross-sectional Study	Do	Dr. J Pal
20.	A Study on Knowledge, Attitude and Practices regarding Biomedical Waste Management among the Nursing Trainees in the Urban Health Unit & Training Centre at Chetla, Kolkata	Do	Dr. S. K. Sadhukhan

### *List of training programs*

Sr.	Title of training	Co-ordinator	No. of participants
1.	Essentials of Research Protocol Writing	Dr. Jayita Pal	22

### *New Initiatives*

Under graduate (MBBS) teaching assignments of students of MD (MPH Epidemiology) course conducted by this department in State Medical Colleges.

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.

### *Some Photographs of Our Activities:*





**Training Program on "Essentials of Protocol Writing" 20-22 August 2024**



**Observation of "World Alzheimer's Day 2024" at RHU&TC, Singur 20.09.2024**



**Community briefing and sensitization programme (03.12.2024), Rasulpur**

## DEPARTMENT OF PUBLIC HEALTH ADMINISTRATION

The Department of Public Health Administration was established along with the formation of the Institute in 1923. Col. A D Stewart was the first Head of the Department of PHA and he also became the First Director of AIIH&PH.

In the year 1944-45, Department of Public Health Administration of AIIH&PH Calcutta conducted the first Village Health Survey in collaboration with other departments. The department, since its inception, has been involved in various teaching, training and research activities in health systems, program monitoring & evaluation, operations research, quality of care, disease surveillance, health information systems, disease epidemiology, disease prevention & control and other aspects of Public Health.

Currently the Department is coordinating one-year Post-graduate Diploma in Public Health Management (PGDPHM) course supported by the NHM as a part of a consortium of Institutes Like NIHFV, JIPMER, PGI Chandigarh, PFHI etc.

### *Mission of the department*

To prepare, educate, and develop healthcare leaders and personnel in the evolving health services sector who will positively impact the well-being of the communities, to pursue high-quality research to strengthen public health knowledge and interventions and to support the provision of public health and health services.

### *Brief about activities conducted by the department:*

The Department is coordinating Post-graduate Diploma in Public Health Management (PGDPHM) course supported by the National Health Mission. The 2023-2024 Batch had 2 Students

The Department is also coordinating the Core course programme for the MD Community Medicine, MD MPH Epidemiology, MSc Public Health (MCH), MSc PH (HE) & MVPH courses: The Current Core Course batch has 34 Students

47 Participants were trained in two short course training programs/workshops : Short Course on Scientific Writing : 21-23 Feb 2024 ; and Sensitization workshop on Systematic Review and Meta-Analysis (SRMA) from 11th September to 13th September 2024

More than 400 participants were involved in different awareness programmes and observation of days in different settings : World Health Day 2024 on 5th April 2024, month long celebration/observance of World Hypertension Day 2024 starting from 17th May 2024; Swachhata Hi Seva (SHS) 2024 from 17-Sep-2024 to 02-Oct-2024, awareness program on Healthy Life Style and Substance Abuse on 04/07/2024 in School in Chetla and other awareness activities with respect to tuberculosis, antenatal care, teenage pregnancy.

One Poster Competition was conducted by the Dept on 4th April on the theme of the World Health Day 2024: My Health My Right on 4th April 2024

8 theses were completed, 14 theses are ongoing (including One External Ph D thesis) and 2 short studies have been completed under the guidance of the faculty in the Department

4 articles were published by students and faculties of the department

### *List of faculty members*

Photo	Name	Designation	Area of expertise	Mobile No.	e-mail
	Dr. Debashis Dutt M.D.	Dean, Director Professor & Head	NCD, Epid., Research methods, Programme Evaluation, Surveillance	9433193137	duttd.aiihph@gov.in dutta29@gmail.com
	Dr. RR Pati	Director Professor	Public Health	9903369733	ranjan.65.pati@gmail.com
	Dr Sumanto Pal Posted since 01.12.23	Grade I Public Health Specialist (on deputation)	Occupational Health	8583912988	dihmdcms2@gmail.com
	Dr Ketaki Sharma, Posted since 01.09.2023	CMO NFSG	Public Health MCH	9433937875	dr.ketakisharma1@gmail.com

### *Incumbency position of other staff*

Sr..	Designation	Total no. of posts	Vacant posts
1.	Faculty members (Asstt. Prof - Prof Public Health )	05	03
2.	Asst Prof. Medical Social Work	01	01
3.	Demonstrator Medical Encadered to GDMO	02	01
4.	Stenographer	01	Nil
5.	MTS	01	Nil

*Conference/Seminar/Workshop/Trainings attended or participated*

Sr.	Name of faculty	Name of the event and place	Role
1	Dr D Dutt	51't Annual National conference of the IAPSM - IAPSMCON, 2024 and Department of Community Medicine, Kasturba Medical College, Mangalore from 8th to 10 Feb 2024.	Chairperson 1 session Judge 1 Session
		One Day Workshop on Content Creation for iGOT under Mission Karmayogi on 13.8.24 NIHFW Delhi	Participant
		"Updates on Research Ethics and Good Clinical Practice" AIIH&PH, Kolkata 27.06.24	Participant
2	Dr. RR Pati	Workshop on Research Ethics Nov 8 2024 AIIHPH Kolkata	Resource person
		"Updates on Research Ethics and Good Clinical Practice" AIIH&PH, Kolkata 27.06.24	Participant
3	Dr. Sumanto Pal	CME on Occupational Health, St John Medical College and Hospital	Participant
		Annual Conference of Epidemiology Foundation of India [EFICON – 24], KGMC Lucknow	Chairperson for Poster presentation + Oral presentation on Occupational Health
		31st West Bengal State Science & Technology Congress	Participant
		CME on Occupational Health, St John Medical College and Hospital	Participant
4	Dr Ketaki Sharma	Training POSH on 16th May,2024 arranged by the Department of B & N	Participant
		Training on PFMS arranged by INGAF(Institute of Govt.Accounts & Finance) Kolkata	Participant

### List of Publications

Sr.	Publication-	Authors
1	A Cross-Sectional Study on Quality of Life of Patients with Coronary Artery Disease Attending Out Patient Cardiology Department of a Tertiary Care Hospital, Kolkata, India Healthline. 2024; 15 (1): 51-58	Maity S, Dutt D, Paul B, Bag N , Sarkar C
2	A case control study of the risk factors for MDR TB and quality of life among adult patients attending District TB Centre in Kolkata. IAPSMWBCOM 2024	Subhojoy Moitra, Dutt D
3	A study on birth preparedness and complication readiness among women attending antenatal clinics in a rural area of Hooghly District, West Bengal. Med J DY Patil Vidyapeeth 2023;16:837-45.	Shree N, Dutt D, Dasgupta A, Paul B, Bandyopadhyay L, Ghosh P, et al.
4	Medication Adherence and Self-care practices among Type 2 diabetic patients in a rural area of West Bengal In :Proceedings IVth National Conference of Epidemiology Foundation of India, EFICON 2023	Goutham Mohanan, Dutt D

### List of Dissertation research/ Short study

Sr.	Title of Thesis/ dissertation	Name of student	Guide/co guide
1.	“Assessment of Coping Skill in various crisis situations among the Adolescent population and their association with different Socio- demographic variables: Cross sectional, noninterventional Study upon school students in West Bengal “	Dr. Shibotosh Sen (ADHS Dept HFW Govt WB PhD Candidate	Co-guide Dr D Dutt
2.	Risk Factors for Rifampicin Resistance among Pulmonary Tuberculosis Patients under NTEP in Diamond Harbour Health District, West Bengal: A Case Control Study	Dr. Shyamal Halder (PGHPHM)	Guide: Dr D Dutt Co guide : Dr S Pal
3.	A Study On Quality Of Life Among Hypertensive Patients attending Clinics of Urban Health Unit and Training Centre, Chetla, West Bengal. Sr.	Poulami Gupta (PGDPHM )	Guide: Dr D Dutt
4.	A cross-sectional study on teenage pregnancy and its associates in a block of Birbhum District, West Bengal	Dr. Sarowar Hossain Purkait, PGDPHM	Guide: Dr R RPatil Co Guide Dr S Pal (PHS)

### *List of training programs conducted*

Sr.	Title of training	Co-Ordinator	No. of participants
1	Short Course on Scientific Writing 21-23 Feb 2024	Dr D Dutt	21
2	Sensitization workshop on Systematic Review and Meta-Analysis (SRMA) 11th September to 13th September 2024	Dr D Dutt	26

### *New initiatives*

The Dept has submitted a proposal for starting a two year Master in Public Health (MPH) course for candidates from medical and non-medical backgrounds which is under the consideration of the MOHFW

### *Awards or fellowships*

Sr.	Name of the award	Name of the student/Faculty
1	First Prize For Prof Ranadeb Biswas Poster presentation at IAPSMWBCOM 2024 For Study Titles "A case control study of the risk factors for MDR TB and quality of life among adult patients attending District TB Centre in Kolkata	Dr Subhojoy Mitra for Study Conducted under guidance of Dr D Dutt



**Sensitization workshop on Systematic Review and Meta-Analysis (SRMA) 11th September to 13th September 2024**



Dept Public Health Administration



Dept. Public Health Administration



Swachh Bharat Program April 2024



Healthy Lifestyle Practices and Substance Abuse 2024 June



**Health Education Regarding Antenatal Care and Prevention of Teenage Pregnancy Dist. Birbhum WB July 2024**

## DEPARTMENT OF MATERNAL AND CHILD HEALTH

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 is primarily focused on reproductive health, safe motherhood, child growth and development & health problems, adolescent health and various aspects of family welfare.

### *Mission of the department:*

Teaching, training and research in the field of Maternal and Child Health. To develop highly skilled professionals and managers to provide services in the field of Maternal and Child Health across various levels.

### *Brief about activities conducted by the department:*

In past, this department used to run Diploma in Maternity and Child Welfare (DMCW) – a postgraduate diploma course since 1933. Since inception, a total of 990 doctors have been trained in DMCW. At present the department conducts a new post-graduate course in the name of M. Sc.PH (MCH). This is a two-year full-time Masters course and is affiliated to West Bengal University of Health Sciences (WBUHS). This post-graduate course equips the medical and nursing graduates for administrative, clinical service & teaching / training 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.

### *No. of students enrolled in different course wise:*

- 1) Name of the Course: M.Sc. Public Health (MCH)
- 2) No. of students enrolled: 3

### *No. of short trainings conducted:*

- One day sensitization programme on MAA for ASHA workers under RHU&TC, Singur on 11.01.2024.  
No. of participants: 20

- One day training programme on IYCF for Nursing staff of Calcutta Medical College & Hospital, Kolkata on 22.01.2024.  
No. of participants: 100
- Certificate Course on Integrated Management of Neonatal & Childhood Illness (IMNCI) from 21.08.24 to 23.08.24.  
No. of participants: 24
- Orientation training programme on Newer and Adult Vaccination on 10.09.24.  
No. of participants: 22

### *No. of outreach awareness programs*

- One day training programme on IYCF for Nursing staff of Calcutta Medical College & Hospital, Kolkata on 22.01.2024.  
No. of participants: 100

No. dissertation and short studies conducted : 3 (Three)

No. of Articles published : 2 (Two)

### *List of faculty members:*

Photo	Name	Designation	Area of expertise	Mobile No.	e-mail
	Dr. A.K. Mallick	Director-Professor & Head	M.B.B.S., M.D. (SPM)	9433464500	
	Dr. Madhumita Bhattacharyya (Till 30.09.2024)	Professor of Paeds (eq) / CMO (SAG)	Paediatrics	9830134419	
	Dr. Sanjib Kr. Das	CMO (NFSG)	Paediatrics	7044328468	
	Dr. Sankar Sikdar	GDMO	Paediatrics	8777310275	

### *Incumbency position of other staff:*

Sr. No.	Designation	Total no. of posts	Vacant posts
1.	Stenographer	1	Nil
2.	MTS	1	Nil

*Conference/Seminar/Workshop/Trainings attended or participated:*

Sr.	Name of faculty	Name of the event and place	Role
1.	Dr. A.K. Mallick	Online training on Cyber Security	Participant
2.	Dr. M. Bhattacharyya	Online training on Cyber Security	Participant
3.	Dr. Sanjib Das	Online training on Cyber Security	Participant
4.	Dr. Sankar Sikdar	Online training on Cyber Security	Participant

*List of Publication :*

Sr.	Publication-in Vancouver style	Authors
1.	Perception and Practices Regarding Rabies among Animal Bite Victims: A Cross-sectional Study in a Rural Area of West Bengal. APCRI J. 2022-23(2):11-19	Maity CS, Paul B, Banerjee A, Bandyopadhyay L, Bhattacharyya M, Sahu M.
2.	Utilization of adolescent reproductive and sexual health services in a rural area of West Bengal: A mixed-method study. Malays Fam Physician Off J Acad Fam Physicians Malays. 2023;18:26.	Banerjee A, Paul B, Das R, Bandyopadhyay L, Bhattacharyya M, Sahu M.

*List of Dissertation research/Short study :*

Sr.	Title of dissertation/short study	Name of student	Guide
1.	A study on Morbidity Profile and Health seeking Behaviour among Female Beedi-Rollers in selected area of South 24-Parganas, West Bengal	Dr. Rumelika Kumar MD (CM)	Dr. A.K. Mallick
2.	Health Related Quality of life among Chronic Obstructive Pulmonary disease projects attending an Out Patient Department in a Tertiary Care Hospital in Kolkata.	Dr. Md. Ali Mallick MD (CM)	Dr. A.K. Mallick
3.	An Assessment of Risk of Obstructive Sleep Apnea and Sleep Quality among Chronic Obstructive Pulmonary Disease patients in a selected Tertiary Care Hospital, Kolkata	Dr. Megnathan E. MD (CM)	Dr. A.K. Mallick
4.	A cross sectional study about Smartphone addiction and associated health hazards among undergraduate students of a Government College in West Bengal.	Dr. Amlan Sarkar MD (CM)	Dr. A.K. Mallick
5.	A Study on Utilization of Maternal and Child Health Services among Mothers and Children Residing in a Rural Area of Singur, Hooghly District, West Bengal	Dr. Nibedita Bala MD (CM)	Dr. A. K. Mallick

Sr.	Title of dissertation/short study	Name of student	Guide
6.	A Study on Common Adolescent Mental Disorders and its Associates in a Rural Area of West Bengal	Dr. Bibhuti Vaibhav MPH (Epid)	Dr. A.K. Mallick
7.	A Study on Perceptions Regarding Infant and Young Child Feeding Practices Using Health Belief Model in a Rural Area of Hooghly District, West Bengal	Dr. Sayantika Barman MD (CM)	Dr. A.K. Mallick
8.	A Study on Knowledge Attitude and Practice of Weekly Iron and Folic Acid Supplementation (WIFS) Among School Going Adolescent Girl's	Ms. Lipika Ghosh M.Sc. Applied Nutrition	Dr. A. K. Mallick

*List of training programs :*

Sr.	Title of training	Co-Ordinator	No. of participants
1.	One day sensitization programme on MAA for ASHA workers under RHU&TC, Singur on 11.01.2024	Dr. A.K. Mallick	20
2	One day training programme on IYCF for Nursing staff of Calcutta Medical College & Hospital, Kolkata on 22.01.2024	Dr. A.K. Mallick	100
3.	Certificate Course on Integrated Management of Neonatal & Childhood Illness (IMNCI) from 21.08.24 to 23.08.24.	Dr. A.K. Mallick	24
4.	Orientation training programme on Newer and Adult Vaccination on 10.09.24	Dr. A.K. Mallick	22

*New initiatives:*

Review of course curriculum of M.Sc. Public Health (MCH).

## Photographs:



**One day sensitization programme on MAA for ASHA workers under RHU&TC, Singur on 11.01.2024**



**One day training programme on IYCF for Nursing Staff of Calcutta Medical College & Hospital, Kolkata on 22.01.2024**



**Certificate Course on Integrated Management of Neonatal & Childhood Illness (IMNCI) at A.I.I.H. & P.H., Kolkata from 21.08.2024 to 23.08.2024**



**Certificate Course on Integrated Management of Neonatal & Childhood Illness (IMNCI) at A.I.I.H. & P.H., Kolkata from 21.08.2024 to 23.08.2024**



**Orientation training programme on Newer and Adult Vaccination at A.I.I.H. & P.H., Kolkata on 10.09.2024**

## DEPARTMENT OF PUBLIC HEALTH NURSING

The Department of Public Health Nursing was established in 1953 to develop nursing manpower for India and other Asian and African countries for assuming the responsibilities of community health nurses, nursing supervisors, specialist nurses, consultants (nursing), trainers (nursing) and administrators in wide variety of professional settings in the field of community health nursing, The Bhore Committee had recommended the creation of a category of nursing personnel for implementation of public health services at community level. In order to meet this, need the department conducted regular course - Certificate of Public Health Nursing (CPHN) from 1953 to 1972. The course was subsequently reframed as Diploma in Public Health Nursing (DPHN) and Diploma in Nursing Education and Administration [DNEA (CH)] and continued up to 2012-2013.

### *Mission of the department:*

Teaching, training and research in the field of Public Health Nursing. To develop highly skilled professionals and managers to provide services in the field of Public Health Nursing across various levels.

### *Brief about activities conducted by the department:*

The department now conducts community field training for the students of graduate and post-graduate nursing courses from different nursing colleges throughout the country.

No. of short trainings conducted: 8

Field training programs of Graduate and Post graduate Nursing students from across the various Nursing colleges of India

### *List of faculty members:*

Photo	Name	Designation	Area of expertise	Mobile No.	e-mail
	Dr. A.K. Mallick	Director-Professor & Head	Teaching, Training and Research in MCH	9433464500	Ashokmallick62@yahoo.co.in

	Dr. Ananda Kr. Biswas  (Till November , 2024)	CMO (NFSG)	Administratio n	6290113292	dranandakrbi swas311268 @gmail.com
	Ms. Jyotismita Pal	Sister- Tutor	Nursing	9734129532	Jyotismitapal 2708@gmail. com

*Incumbency position of other staff:*

Sr. No.	Designation	Total no. of posts	Vacant posts
1.	Stenographer	1	Nil
2.	MTS	2	Nil

*Conference/Seminar/Workshop/Trainings attended or participated*

Sr. No	Name of faculty	Name of the event and place	Role Participant/Invited speaker/Chairperson/Paper presentation/Poster presentation
1.	Dr. A.K. Mallick	Online training on Cyber Security	Participant

*New initiative*

Total renovation of the department of public health nursing is now going on.

Department has proposed to start a new 2 year post graduate master course in Community Health Nursing (M.Sc. in Community Health Nursing) for the graduate nursing students as early as possible

## BIOCHEMISTRY AND NUTRITION

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

### *The mission of the department*

To build a health workforce and researchers in the field of public health nutrition

### *Brief about activities conducted by the department:*

Academic activities, theory and practical classes for MSc and Dip Dietetics courses, MD Community Medicine, MD epidemiology, Sanitary health inspector course, Health Promotion and Education course students. Research activities undertaken by students under the mentorship of faculties. The department also conducts outreach activities in the field practice area of RHUTC, Singur and UHTC, Chetla on regular basis.

1. M.Sc. in Applied Nutrition Annual Intake: 20
2. Diploma in Dietetics Annual Intake: 31
  - No. of short training conducted: 1
  - Total number of participants for each training: 25
  - No. of outreach awareness programs /Observation/ conducted: 9
  - Total number of participants: 225
  - No. dissertation and short studies conducted: 17
  - No. of Articles published: 8

### *List of faculty members*

Photo	Name	Designation	Area of expertise	Mobile No.	e-mail
	Dr. Shibani Datta	Director Professor & HOD	Nutrition Education, Public Health Administration, Community Nutrition	9433424805	shibani.datta@yahoo.co.in

	Dr Swetha Rajeshwari	Public Health Specialist-Grade III	Field Epidemiology,	9964205169	swetaraji24@gmail.com
	Mr Muthamizhkumar S	Demonstrator	Clinical chemistry	6369983791	muthamizhkumarans@gmail.com
	Ms Shivani Palania	Dietician	Clinical Nutrition, Diet Therapy	8218597202	Himanichoudhary1900@gmail.com

### *Incumbency position of other staff*

Sr. No.	Designation	Total no. of posts	Vacant posts
1	Laboratory Technician	6	2
2	Stenographer	1	0
3	Laboratory Attendant	2	2
4	Cook	2	0
5	MTS	2	2

### *Conference/Seminar/Workshop/Trainings attended or participated*

Sr. No	Name of faculty	Name of the event and place	Role
1	Dr Shibani Lahiri	Research Methodology Workshop	Speaker
2	Dr Shibani Lahiri	One Health Program	Speaker
3	Dr Swetha Rajeshwari	National Public Health Conference, NCDC	Poster presentation

### *Publications*

Sr .	Publication	Authors
1	Bhattacharyya S, Lahiri S : Study of anaerobes and parasites isolated from edible leafy greens .EJBPS 2024;11(2):230-235	Dr Sayan Bhattacharyya, Shiabni Lahiri
2	kabiraj A, Bhattacharyya S, Lahiri S : Study of E coli and Klebsiella oxytoca isolated from leafy greens. Journal of Preventive medicine and holistic health 2023;9(2):106-112	Kabiraj A, Bhattacharyya S, Lahiri
3	Roychowdhury P*, Moumita Chatterjee, Anindita Bhattacharjya and Shibani Lahiri (2023). Smoke Points: A Crucial Factor in Cooking Oil	Roychowdhury P, Moumita Chatterjee,

	<b>Selection for Public Health. Current Functional Foods, 2024; 2 (): e041223224179. <a href="https://dx.doi.org/10.2174/01266686292731142311082103596">https://dx.doi.org/10.2174/01266686292731142311082103596</a>.</b>	<b>Anindita Bhattacharjya and Shibani Lahiri</b>
4	Roychowdhury P *, Chatterjee, M., Bhattacharjya, A., Lahiri, S., (2024). A Review on the Potencies of AI-Driven Nutritional Assessment Studies in Enhancing Public Health. The Indian Journal of Nutrition and Dietetics (NAAS rating: 4.87), 61(1), 100–108. <a href="https://doi.org/10.21048/IJND.2024.61.1.34685">https://doi.org/10.21048/IJND.2024.61.1.34685</a> .	<b>Roychowdhury P, Chatterjee, M., Bhattacharjya, A., Lahiri, S</b>
5	Hushneara, S., Roychowdhury, P.*, Chatterjee, M., Goswami S., Saha, S., Lahiri, S., Quantifying soluble glucose in selected fruits from West Bengal (India) local markets to enhance dietary knowledge. Current Functional Foods, 2024; 10.2174/0126668629321377240807082003	<b>Hushneara, S., Roychowdhury, P.*, Chatterjee, M., Goswami S., Saha, S., Lahiri, S</b>
6	Kannan S, Nelliyanil M, Mendagudli R, Rajeshwari S, Kona C, Kundapur R, Sathyanath S, Kulkarni V, Aggarwal S. Evaluation of risk factors for non-alcoholic fatty liver disease in India: A systematic review and meta-analysis. Journal of Education and Health Promotion. 2023 Dec 1;12(1):435.	<b>Kannan S, Nelliyanil M, Mendagudli R, Rajeshwari S, Kona C, Kundapur R, Sathyanath S, Kulkarni V, Aggarwal S.</b>
7	Swetha Rajeshwari, Types of Qualitative Research, 2024, IAPSM's Textbook of Comprehensive Research Methodology	<b>Swetha Rajeshwari</b>
8	Sharmila F, Muthamizhkumaran S, Ratchagadasse VR, Ramamurthy N, Sistla S, Dhodapkar R. Influence of COVID-19 over seasonal influenza activity in southern India. Indian Journal of Medical Microbiology. 2024 Jan 1;47:100531	<b>Sharmila F, Muthamizhkumaran S, Ratchagadasse VR, Ramamurthy N, Sistla S, Dhodapkar R.</b>
9	Muthamizhkumaran S, Ramesh R, Method for Estimation of LDL Cholesterol. 2024;6(1).	<b>Muthamizhkumaran S, Ramesh R</b>

### *List of Dissertation research/ Short study*

<b>Sr.</b>	<b>Title of dissertation/short study</b>	<b>Name of student</b>	<b>Guide</b>
1	<b>A study on school health services in govt. sponsored high school under Madhyamgram municipal area</b>	<b>Ria Sarkar</b>	<b>Dr Madhumitha Bhattacharya</b>
2	<b>A study on knowledge, attitude and practice of Nutraceuticals in a general purpose undergraduate college in Hooghly, West Bengal</b>	<b>Subhangi Mukherjee</b>	<b>Dr Debashis Dutta</b>
3	<b>Impact of Perceived Stress on Eating Behaviours among students in girls college, Kolkata, West Bengal</b>	<b>Priosmita Karmakar</b>	<b>Dr Swetha Rajeshwari</b>
4	<b>Awareness of Polycystic ovarian syndrome among college going girls, Hooghly women's college, Hooghly, West Bengal</b>	<b>Payel Das</b>	<b>Dr Sanjay Sadhukhan</b>
5	<b>A Study on Functioning of ICDS and Relevant Hygienic Practices In A Selected Block of Howrah District, West Bengal</b>	<b>Shreya Das</b>	<b>Dr Lina Bandyopadhyay</b>
6	<b>A Study on Breakfast Skipping Behaviour and its association with Physical and Mental Health</b>	<b>Alisha Khatoon</b>	<b>Dr Shibani Lahiri</b>

	among undergraduate students in an urban college, Kolkata		
7	A Study on the Effect of Teenage Pregnancy on Mother and Child in Balpai, Sabang, West Bengal	Sudeshna Jana	Dr Madhumita Bhattacharya
8	KAP study on consumption of probiotics among kaikhali women. (18-35 yrs age)	Hema Das	Dr Nandini Bhattacharya
9	Study of Knowledge, Attitude and Practice on Intermittent Fasting, its Effect on Nutritional Status among Adult Women in an Urban area of Kolkata	Sayanika Dalui	Dr Monalisa Sahu
10	A study on Prevalence of Obesity among women of age group (18-35 years) in a ward of Kolkata	Fatma Firdaus	Dr Rivu Basu
11	A Knowledge Attitude and Practice (KAP) Study on Food Safety Measures Among Undergraduate Students in A College in Hooghly	Shehnaz Yasmin	Dr Rama Ranjan Pati
12	A cross-sectional study on behavioral risk factors of non-communicable diseases among college students	Sohini Mitra	Dr Lina Bandyopadhyay
13	A study on Knowledge Attitude and Practice of Weekly Iron and Folic acid supplementation (WIFS) among school going adolescent girl's	Lipika Ghosh	Dr Ashok Kumar Mallick
14	A Study on Prevalence of Belief in Myths about Obesity and weight loss among Students in a Girls' College in Burdwan	Sayantani Pal	Dr Rama Ranjan Pati
15	Lifestyle Factors Associated with Premenstrual Syndrome: A Cross-sectional Study in an Urban School of West Bengal	Piyali Das	Dr Shibani Lahiri
16	Nutritional Status of adolescent girls and its association with eating habits:A cross -sectional study in a school of kolkata,west Bengal	Tanushree Saha	Dr Bobby Paul
17	A study on eating disorder risks and its association with smartphone Addiction among undergraduate students in a selected college of Howrah, West Bengal	Snehasis Polley	Dr CS Taktikar

### *List of training programs*

Sr. No.	Title of training	Co-Ordinator	No. of participants
1	Assessment of Nutritional Status among under 5 children	Dr Shibani Lahiri	25

### *New initiatives*

1. Celebration of National Nutrition Week on 10/9/24
2. Echo platform activities - Six Lectures were delivered on different topics in ECHO platform.

### *Awards or fellowships*

Sr. No.	Name of the award	Name of the student/Faculty
1	Cooking Competition, Onco Nutrition, 2024	Debdutta Konar

2	Cooking Competition, Onco Nutrition, 2024	Sharnya Bandhopadhya
3	Cooking Competition, 1st Onco Nutrition, 2024, organized by Saroj Gupta Cancer Hospital and Research Institute	Ananya Paul Ananya Banergee
4	Poster Presentation	Tanya Verma

### Photographs:



**Inauguration of National Nutrition Week, 2024**



**Health awareness program and Swachhata Pakhwada Program in a Government School, Chetla**



**Role play on healthy eating behaviors for the school children**



**Meditation session by the School Head Master as part of the health awareness program.**

## SANITARY ENGINEERING

With an independent Department of Sanitary Engineering set up in 1938, AIIPH&PH was the first in the country and possibly in the whole of South East Asia, to have such a department in a Public Health institute. The department had many courses in its heydays notably- Master of Engineering –Public Health, Certificate course in Maintenance of Handpumps and rural sanitation.

The Dept. has conducted pioneering studies and operational research on community water supply and sanitation, on-site sanitation, pollution control of all major rivers, arsenic contamination in ground water in West Bengal and its remedial measures, pilot studies in solid waste management as well as provided advisory and consultancy services to various agencies like WHO, ICMR, MRD-GOI, UNICEF, UNDP, KMDA, CPHEEO etc. Owing to immense contribution of the departmental activities and research, it was instrumental in formulating the water pollution control laws of the country.

### *Mission of the department*

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.

### *Brief about activities conducted by the department:*

The department conducts chemical analysis of Drinking water under 17 different parameters for specimens received various agencies including Government organizations and NGOs.

Spectrophotometer based estimations started with few parameters.

Certificate Course on Sanitary Health Inspector, a skill development course of 1 year duration since 2018, under Prime Minister Skill Development Program with an intake capacity of 25 students per batch. Different aspects in Sanitary Engineering are taught to almost all courses within the institute. This is based on the National Quality Standards Framework (NQS F) guidelines devised by Ministry of Skills Development and Entrepreneurship.

Classes taken for other courses i.e. MD(MPH), MD(CM), DHS, PGDPHM, MSc (MCH), MSc (HPE), DHPE and AFIH courses.

A visit to School of Water Resources Engineering at Jadavpur University, Kolkata was also conducted for Technicians of the department to get acquainted with the latest sophistications in Water analysis.

### List of faculty members

Photo	Name	Designation	Area of expertise	Mobile No.	e-mail
	Dr. Amit Banik	Associate Professor– (Microbiology) & HoD (Acting)	Microbiology	9402195476	dramitb@aiihph.gov.in

### Incumbency position of other staff

Sr. No.	Designation	Total no. of posts	Vacant Posts	Activities Performed
1.	Professor	2	2	Research, Projects, consultancies, teaching
2.	Associate Professor	2	2	Research, Projects, consultancies, teaching
3.	Assistant Professor	4	4	Research, Projects, consultancies, teaching
4.	Assistant Research Officer	1	1	Research
5.	Demonstrator	2	2	Teaching
6.	Medical Laboratory Technologist	4	1	Laboratory analysis work
7.	Junior Medical Laboratory Technologist **	2	1	Laboratory analysis work and maintenance of Chemicals
8.	Draftsman	4	2	Office work
9.	Lab. Attendant	4	2	Washing and Maintenance
10.	MTS	2	1	Support Service

### Conference/Seminar/Workshop/Trainings attended or participated

Sr. No	Name of faculty	Name of the event and place	Role Participant/Invited speaker/Chairperson/Paper presentation/Poster presentation
1.	Dr. Amit Banik	'Waste to Art – Transforming Trash to treasure' at Sarojini Naidu College of Women, Kolkata	Expert in Panel discussion & Judge for Models/Poster

### New initiatives:

- Pillow based estimation of parameters started in Department using Visible range Spectrophotometer- Alkalinity, Zinc, Copper, Aluminum parameters.
- Laboratory Work And Revenue Generation

- Parameters available for testing
- Turbidity ,pH, Alkalinity, Hardness total, Chloride, Conductivity, Iron, Calcium, Magnesium, Sulphate, Nitrate, Arsenic , Fluoride, Residual Chlorine, Chloride demand test

Sl. no.	No. of Samples Tested	No. of Parameters tested	Revenue Generated (₹)
1.	70	586	81600/-
2.	15	15	0 /- (waived off for Government agencies like APHO, PHO)
<b>Total</b>	<b>85</b>	<b>601</b>	<b>81600/-</b>

### IMAGES:



Analysis of Drinking water parameters by Spectrophotometer , 3rd October 2024



Visit of SHI students at Chandannagar STP, 21st August 2024



Visit to Regional Waste Management Centre, Baidyabati, 27th August 2024



Junior MLT teaching students about Sanitary Inspection of Water sources, 5th June 2024

## LIBRARY

The AIH&PH Library serves as a vital resource center, dedicated to supporting research, academic excellence, and policy development in public health. Housing an extensive collection of books, scientific journals, government publications, and archival materials, the library caters to the diverse needs of researchers, students, and policymakers.

With a strong emphasis on technology integration, the library offers automated systems for efficient access, a growing repository of digitized historical reports, and online databases to facilitate seamless information retrieval. Our mission is to empower knowledge seekers by providing accurate, up-to-date, and comprehensive resources while preserving invaluable public health records for future generations.

### *Mission of the department*

To serve as a premier knowledge hub that empowers researchers, academicians, and policymakers in public health. The library is committed to leveraging automation and digitization technologies for efficient resource management, ensuring accessibility to archived reports and historical data critical for public health research and policymaking.

### *Incumbency position of other staff*

Sr.	Designation	Total no. of posts	Vacant posts
1	Library & Information Assistant	02	-
2	LDC	02	02
3	MTS	04	02

### *New initiatives*

- Library Automation through Koha software.
- Entry of details of Reports, Thesis and gifted books.



Library Reading Room



With Director and a Research Scholar from Humboldt University Germany in search of annual reports and archival materials

## हिन्दी अनुभाग



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

### परिचय

1. 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। इसके अलावा अधिकारियों को समय-समय पर राजभाषा संबंधी नियमों से अवगत कराना है।
2. संस्थान के हिन्दी कक्ष में एक सहायक निदेशक (राजभाषा), एक कनिष्ठ अनुवाद अधिकारी, एक हिन्दी टंकक एवं एक एम टी एस का पद है। श्री मनीन्द्र नाथ विश्वकर्मा सहायक निदेशक (राजभाषा) हैं। कनिष्ठ अनुवाद अधिकारी एवं हिन्दी टंकक का पद रिक्त है एम टी एस का पद भर लिया गया 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। वहाँ हिन्दी के पद सृजित करने की दिशा में ठोस कदम उठाया जाना चाहिए।

### 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. दिनांक 10/01/2024 को पहली बार विश्व हिन्दी दिवस का आयोजन किया गया। कार्यक्रम की अध्यक्षता संस्थान के निदेशक डॉ. रंजन दास के द्वारा की गयी। विश्व हिन्दी दिवस के दौरान आशु भाषण की प्रतियोगिता आयोजित की गई। प्रतियोगिता हिन्दी भाषी एवं हिन्दीतर दोनों के लिए आयोजित की गई थी। विजेताओं को अध्यक्ष के कर-कमलों द्वारा पुरस्कृत किया गया।
3. दिनांक 24/01/2024 को केन्द्रीय काँच एवं सिरामिक अनुसंधान संस्थान, यादवपुर, कोलकाता-32 में हिन्दी-अंग्रेजी शब्दावली प्रतियोगिता के उत्तर पत्रकों के मूल्यांकन हेतु संस्थान के सहायक निदेशक(राजभाषा), श्री मनीन्द्र नाथ विश्वकर्मा जी को आमंत्रित किया गया।
4. पूर्व एवं पूर्वोत्तर भारत का संयुक्त राजभाषा सम्मेलन एवं पुरस्कार वितरण समारोह सिलीगुड़ी, पश्चिम बंगाल में दिनांक 08/03/2024 को आयोजित किया गया था जिसमें संस्थान के सहायक निदेशक(राजभाषा), श्री मनीन्द्र नाथ विश्वकर्मा जी के द्वारा भाग लिया गया।
5. इस वर्ष केन्द्रीय काँच एवं सिरामिक अनुसंधान संस्थान, यादवपुर, कोलकाता-32 के द्वारा नगर राजभाषा कार्यान्वयन समिति (कार्यालय-2) की दो बैठकें दिनांक 02/04/2024 एवं 03/09/2024 को आयोजित की गई थी। जिसकी दिनांक 02/04/2024 को आयोजित पहली बैठक में संस्थान के तरफ से संस्थान के अपर निदेशक डॉ. संगीता कालसा एवं सहायक निदेशक(राजभाषा), श्री मनीन्द्र नाथ विश्वकर्मा जी ने भाग लिया व दिनांक 03/09/2024 को आयोजित द्वितीय बैठक में सहायक निदेशक(राजभाषा), श्री मनीन्द्र नाथ विश्वकर्मा जी ने भाग लिया।
6. राजभाषा विभाग, गृह मंत्रालय द्वारा दिनांक 08/07/2024 से 12/07/2024 तक ब्यूरो मुख्यालय, नई दिल्ली में आयोजित उच्च स्तरीय अनुवाद प्रशिक्षण हेतु संस्थान के सहायक निदेशक(राजभाषा), श्री मनीन्द्र नाथ विश्वकर्मा को नामांकित किया गया।
7. दिनांक 16/08/2024 को केन्द्रीय काँच एवं सिरामिक अनुसंधान संस्थान, यादवपुर, कोलकाता-32 में उत्कृष्ट पत्रिकाओं के चयन हेतु संस्थान के सहायक निदेशक(राजभाषा), श्री मनीन्द्र नाथ विश्वकर्मा जी को निर्णायक मण्डल के एक सदस्य के रूप में आमंत्रित किया गया।

8. चतुर्थ अखिल भारतीय राजभाषा सम्मेलन दिनांक 14/09/2024 एवं 15/09/2024 को भारत मंडपम ,नई दिल्ली में आयोजित किया गया था जिसमें संस्थान के सहायक निदेशक(राजभाषा), श्री मनीन्द्र नाथ विश्वकर्मा जी के द्वारा भाग लिया गया।
9. इस वर्ष 16 सितंबर से 30 सितंबर तक संस्थान में हिन्दी पखवाड़ा का आयोजन किया गया था। हिन्दी पखवाड़ा के सम्पादन समारोह का आयोजन दिनांक 01/10/2024 को किया गया । कार्यक्रम की अध्यक्षता संस्थान के निदेशक डॉ रंजन दास के द्वारा की गयी। हिन्दी पखवाड़ा के दौरान टिप्पणी एवं प्रारूपण, निबंध प्रतियोगिता, सुलेख व श्रुति लेखन, साधारण ज्ञान प्रतियोगिता, कविता पाठ, सम्भाषन एवं कथा वाचन आदि प्रतियोगिताएं आयोजित की गई । प्रतियोगिताएं हिन्दी भाषी एवं हिन्दीतर दोनों के लिए आयोजित की गई थीं। विजेताओं को अध्यक्ष महोदय के कर-कमलों द्वारा पुरस्कृत किया गया । हिन्दीतर प्रतियोगियों में सर्वश्रेष्ठ प्रदर्शन डॉ सयन भट्टाचार्य का रहा जिन्होंने कुल चार पुरस्कार जीते । दूसरे स्थान पर संयुक्त रूप से श्री देवाशिष गोलदार, श्री इंद्रनील भद्र,श्री रिताम हज़रा, एवं सुश्री अनुश्री कुंडु रहीं, जिन्होंने तीन-तीन पुरस्कार जीते। हिन्दी भाषी प्रतियोगियों में डॉ शर्मिष्ठा भट्टाचार्य प्रथम स्थान पर रहीं, जिन्होंने कुल चार पुरस्कार जीते। द्वितीय स्थान पर श्री अभिषेक घतुर्वेदी रहें जिन्होंने कुल तीन पुरस्कार जीते। श्री राजकुमार एवं श्री निशु कुमार ने दो-दो पुरस्कार जीते। अन्य प्रतिभागियों को सांत्वना पुरस्कार प्रदान किया गया।
10. दिनांक 01/10/2024 को भारतीय प्रबंध संस्थान,झायमंड हार्बर रोड,जोका, कोलकाता में आयोजित हुये कार्यक्रम में संस्थान के सहायक निदेशक (राजभाषा), श्री मनीन्द्र नाथ विश्वकर्मा जी को बाहरी विशेषज्ञ एवं निर्णायक के रूप में आमंत्रित किया गया।
11. दिनांक 12/11/2024 से 14/11/2024 तक राजभाषा संस्थान द्वारा बे ब्रीज होटल एवं रिसोर्ट,मोरजिम,गोवा में पाँचवाँ अखिल भारतीय राजभाषा सम्मेलन एवं कौशल संबर्धन संगोष्ठी का आयोजन किया गया जिसमें सहायक निदेशक(राजभाषा), श्री मनीन्द्र नाथ विश्वकर्मा जी के द्वारा भाग लिया गया।
12. इस वर्ष हिंदी शिक्षण योजना द्वारा आयोजित जनवरी से मई 2024 सत्र की हिन्दी प्रवीण एवं प्राज्ञ क्व प्रशिक्षण संस्थान में ही आयोजित की गई थी । इस सत्र में कुल 16 कर्मचारियों ने प्रवीण में ,15 कर्मचारियों ने प्राज्ञ में एवं 25 कर्मचारियों ने पारंगत में नामांकन कराया,जबकि जुलाई से नवम्बर 2024 सत्र में 15 कर्मचारियों ने प्राज्ञ में एवं 15 कर्मचारियों ने पारंगत में नामांकन कराया।
13. इस वर्ष अलग-अलग अवधियों में कुल चार,तीन दिवसीय हिन्दी कार्यशालाओं का आयोजन किया गया। पहली कार्यशाला दिनांक 19.02.2024, 20.02.2024 और 21.02.2024 को आयोजित हुई, दूसरी कार्यशाला दिनांक 28.05.2024, 29.05.2024 और 31.05.2024 को,तीसरी कार्यशाला दिनांक 28.08.2024, 29.08.2024 और 30.08.2024 को एवं चतुर्थ कार्यशाला दिनांक 27.11.2024,28.11.2024 और 29.11.2024 को आयोजित हुई। इस बार कार्यशाला संस्थान सहित ग्रामीण स्वास्थ्य इकाई एवं प्रशिक्षण केंद्र, सिंगूर में भी आयोजित के गई। इन कार्यशालाओं में संस्थान के कर्मचारियों ने बढ-चढ के भाग लिया।
14. संस्थान में व्यवहृत होने वाले अधिकांश कंप्यूटरों में यूनी कोड की व्यवस्था कर ली गई है इस पद्धति के द्वारा आसानी से हिन्दी में काम किया जा सकता है।



## AIH&PH, Bidhan Nagar Campus

### *Introduction:*

The picturesque 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 include quarters in blocks A to H, non-residential buildings include the main G+III institutional block, Guest House, International Hostel, a generator room and a few garages. The Institutional Building Houses Additional Director's Office and four Departments namely D/O –Microbiology, Biochemistry & Nutrition and Sanitary Engineering.

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

### *List of officers*



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

**E-mail:** officebnc4@gmail.com  
aiihphbnc@gmail.com

**Mobile No.:** +91 90519 38055

**Area of expertise:** Clinical Medicine,  
Administration.

### *Manpower Incumbency position as on 30.11.2024*

Sl. No.	Cadre /Category	Number
1	LDC	1
2	MTS	6

### *Budget: 2023-24 and 2024-25*

Sl. No.	Financial Year	Budget
1.	2023-24	11,92,00,000/-
2.	2024-25	15,04,00,000/-

### *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. Block A, F, G & H which includes two duplex quarters for the Director & Additional Director (A-1 & A-2). Block C houses MOH&FW office for which maintenance & repair work is done by CPWD from AIIH&PH fund. The campus has Gents and Ladies hostel with adequate facilities. The International hostel has 14 double bed rooms & 09 single bed rooms. The Guest House 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**



**Some Important Photographs of Events/Activities Carried out during 01.12.2023 to 30.11.2024.**

**Echo Platform Pre Launch Program at AIIHPH, Bidhannagar Campus on 17<sup>th</sup> January, 2024.**





# Field Units



## **RURAL HEALTH UNIT & TRAINING CENTRE (RHU&TC) SINGUR**

Rural Health Unit & Training Centre serves as a hub for training both medical and paramedical students focusing on promoting and protecting community health. Rural Health Unit & Training Centre (RHU& TC), Singur, Hooghly, started as Health Unit & Maternity Home on 26th March, 1931. RHU&TC, Singur became a part of administrative control of AIHH& PH in 1944 - 45. Initially, the centre had a few multi-purpose staff, primarily focusing on family planning, sanitation and malaria control, as malaria was prevalent at that time and Medical students from the institute began visiting the community for practical training. Rural Health Unit & Training Centre, Singur, contributed to the "Bhore Committee Health Survey Report". This is one of the three field Pilot centres of Primary Health care in India.

### *Mission of RHU&TC:*

- To provide rural field training and facilitate research of various UG, PG medical and Paramedical courses in Public Health.
- 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) and to provide Sanitary Engineering Services (Disinfection of Tube wells).

### *Brief activities conducted by RHU&TC:*

Functions of Rural Health Unit & Training Centre are as follows:

- **Teaching & Training:** Community-based learning opportunity in view to generate skilled public health manpower for students of AIHH&PH, Kolkata as well as outside institutes
- **Research:** Mostly need based operational and health system research.
- **Services to the Community:** Community-based preventive, promotive, curative and rehabilitation services.
- **Surveillance, Outbreak Investigation & Containment Measures**
- **EMR duties as per directives of Government of India.**

Teaching & training of the following students is routinely conducted

- M.D. (PSM) and MD (MPH) Epidemiology AIHH&PH, Kolkata
- M.Sc. (Applied Nutrition), AIHH&PH, Kolkata
- DHPE, AIHH&PH, Kolkata
- Dip Diet, AIHH&PH, Kolkata
- MD (CHA) from NIHFW, New Delhi
- B.Sc.(H) (Nursing) and GNM from different Nursing Colleges
- M.Sc. (Nursing) from different Nursing Colleges
- BHMS students from National Institute of Homeopathy

*Total No. of beneficiaries in General OPD & Special clinics:*

	General OPD	MCH-ANC	MCH-PNC	Immunization	School Health	Family planning	NCD	TB
Anandanagar PHC	9789	513	508	509	8569	9117	5023	23
Nasibpur PHC	7164	426	421	425	5988	7296	4698	21
Total	16953	939	929	934	14557	16413	9721	44

*Laboratory services:*

Items	PH Lab, RHU&TC	DMC, RHU&TC (sputum for AFB)	APHC, Anandanagar	NPHC, Dearah	Total
Total Patients	1898	931	1581	2076	6486
Total samples (Blood and Urine samples)	2446	1099	1818	2672	7867
Total tests (Tests done on Blood and Urine samples)	4855	2531	3274	4703	13763

*Training:*

Sl. No	Institute	Course	No of Students	Duration
1	AIHH&PH, Kolkata	MSc Applied Nutrition & Dip. Diet	51	February 2024
2	AIHH&PH, Kolkata	Core course student 2023	21	11.12.2023 – 12.01.2024
3	AIHH&PH, Kolkata	DHPE & MSc in Public Health	26	11.03.2024 - 10.04.2024
4	College of Nursing Eastern Command Hospital, Kolkata	BSc Nursing & MSc Nursing (2nd yr)	64	05.02.2024 – 01.03.2024
5	Regional College of Nursing, Guwahati.	MSc Nursing 2 <sup>nd</sup> yr.	5	05.02.2024 – 01.03.2024
6	College of Nursing, Tripura	MSc Nursing 2 <sup>nd</sup> yr.	2	Two months
7	Sikkim Manipal Institute of Medical Science, Gangtok	MSc Nursing 2 <sup>nd</sup> yr.	5	15.07.2024 - 10.08.2024
8	National Institute for Locomotor	MSc Nursing	10	13.05.2024 – 26.05.2024

	Disabilities, Bon Hooghly, Kolkata			
9	Tata Medical Centre, Kolkata	MSc Nursing 1 <sup>st</sup> yr	8	02.01.2024 – 12.02.2024
10	Aliah University, Kolkata	BSc Nursing	62	08.01.2024 – 02.03.2024
11	College of Nursing, Bankura Sammilani Medical College	MSc Nursing 2 <sup>nd</sup> yr	3	04.03.2024 – 22.03.2024
12	Baba Farid University of Health Science, College of Nursing	MSc Nursing 1 <sup>st</sup> yr	2	19.02.2024 – 29.02.2024
	<b>Total</b>		<b>259</b>	

### *List of Officers (AD/OCs & M.O.s)*

Doctors and faculties working at RHU&TC, Singur at present:

No	Photo	Name	Designation	Area of Expertise
1.		Dr Nandini Bhattacharya	CMO(NFSG) and Officer-in charge, RHUTC Singur.	Occupational Health
2.		Dr Sourav Sinha	SMO & DDO & Store In charge.	Radiotherapy
3.		Dr Soumya Patra	SMO and MOIC APHC	Clinical
4.		Dr AnasFaiz KC	Medical Officer	Clinical

5.		Dr Mahipa Gangopadhyay	Medical Officer	Clinical
6.		Dr Snigdha Basu	CMO, NFSG and MOIC NPHC	Maternal and Child Health
7.		Dr Shankar Sikdar	Medical Officer	Paediatrics
8.		Dr Sanjib Das	CMO NFSG	Paediatrics
9.		Dr Monisha J	Medical Officer	Clinical
10.		Dr Arjun P.S.	Medical Officer	Clinical
11.		Dr Harikrishna B.N.	Public Health Specialist Gr-III, MBBS, MD, FCD	Community Medicine

*Conference/Seminar/Workshop/Trainings attended or participated:*

SI No	Name of Officer/ MO/ PHS	Name of the event and place	Role
			Participant/ Invited speaker/ Chairperson/ Paper presentation/ Poster presentation
1	Dr Mahipa Gangopadhyay	IHIP-IDSP training – Chinsurah	Participant
2	Dr Soumya Patra	1. IHIP-IDSP training – Chinsurah 2. Orientation on Monkey pox outbreak management	Participant
3	Dr Sourav Sinha	1. IHIP- IDSP training – Chinsurah 2. Orientation on Monkey pox outbreak management	Participant
4	Dr Shankar Sikdar	IMCI - AIHPH, Kolkata	Participant
5	Dr Nandini Bhattacharya	IMCI - AIHPH, Kolkata	Participant

*Training of Field Functionaries under RHU&TC, Singur:*

SI No.	Training Programme	Date of Training	Workers Trained
1	One day sensitization programme on MAA	11.01.2024	HW, HA, PHNO,ASHA Worker
2	One hour discussion on New initiatives and review of NTEP	19.01.2024	HW, HA, PHNO,ASHA Worker
3	Training on Matrima , FPLMIS, Convergence portal	24.05.2024	HW, HA, PHNO
4	Observation of World Hypertension Day	31.05.2024	Medical officer, HW, HA, PHNO
5	Training on IDSP-IHIP Portal, Dengue control activity	30.08.2024	Medical officer, HW, HA, PHNO
6	Orientation on Monkey pox outbreak management	30.08.2024	Medical officer, HW, HA, PHNO
7	Observation of World Alzheimer's day workshop	20.09.2024	Medical officer, HW, HA, PHNO, Pharmacist.

*New initiatives*

- Online data entry of all services of pregnant mother and child in Matri Maa portal through mobile app
- Online indent of essential drug and family planning materials in SMIS portal
- Online data entry of all high risk pregnant mother and centralized supervision from RHU&TC, Singur on App

### *Activities of Sanitary Engineering Dept.*

Nature of Work	Total Number
Disinfection of Tube Well & Tube well Platform	161
Tube Well Repairing	19
Water sample collection for Routine Chemical Analysis of water Sample	05
Routine Chemical Analysis of water sample	05
Classes taken on method of chemical Analysis of drinking water	13
Demonstration given on Environmental Sanitation.	17
Tube well maintenance work	11
Give Awareness to the villagers of the service area during disinfection work about utility of keeping the tube well platform clean to avoid source contamination in drinking water (No of village cover)	21
Households Numbering for student programme at Rasulpur village(in Days)	03
Working as Field guide during Core Course Student Community Diagnosis Programme	15 days

### *Special mentions and Important Days observed:*

1	<p><b><u>Inauguration of Drone service in Health Care Sector:</u></b></p> <p>Based on instruction from MoHFW, Drone service in Health Care Sector was used on a pilot basis for carrying pathology samples from Sub centers in periphery to laboratory at RHU&amp;TC, Singur and then back with medicines from RHU&amp;TC, Singur to Sub centers in periphery.</p> 
2	<p><b><u>Swachhta Pakhwada:</u></b></p> <p>For MoHFW, Swachhta Pakhwada is held during the first 15 days of the month of April 2024. In line with MoHFW mandate, RHU&amp;TC, Singur observed Swachhta Pakhwada by pledge taking and cleanliness drives in all its buildings (RHU&amp;TC, Singur; PHCs, SCs)</p> 

<p>3</p>	<p><b><u>World Malaria Day:</u></b>  World Malaria Day was observed on 25 April 2024 at Diara PHC, a field practice area of AIIPH&amp;PH, Kolkata. PGTs (session: 2022-25) conducted a half-an-hour awareness and sensitization session for the patients attending OPD.</p> <div style="display: flex; justify-content: space-around;">   </div> <p style="text-align: center;"><b>Patients at Diara PHC during World Malaria Day</b></p>
<p>4</p>	<p><b><u>National Dengue Day:</u></b>  An half-an-hour focused awareness session on prevention of dengue was conducted by PGTs (session: 2022-25) in Anandnagar PHC, Singur, WB on the occasion of National Dengue Day, i.e., on 16 May 2024. MOs, HAs(F), ASHAs, VRPs &amp; CHO were among the 30 attendees who participated in this interactive session.</p> 
<p>5</p>	<p><b><u>World Hypertension Day:</u></b>  On 17 May 2024, World Hypertension Day was observed at NasibpurSubcentre, Singur, West Bengal. A health talk session lasting for half-an-hour was conducted by PGTs (session: 2022-25) from AIIPH&amp;PH, Kolkata.</p> 
<p>6</p>	<p><b><u>NCD CAMPS (VILLAGE ADOPTION PROGRAMME):</u></b>  NCD camps were done at Balitipa Sub-centre (SC) and Nanda SC. Blood samples of the patients were also collected by laboratory technicians of RHU&amp;TC Singur. Epicollect software was used to maintain the health records of the patients for better follow-up.</p>

		
7	<p><b><u>World Hepatitis Day 2024:</u></b></p> <ul style="list-style-type: none"> <li>On 25/07/2024, Diara PHC was selected for World Hepatitis Day 2024.</li> <li>PGTS (session: 2022-25) gave an interactive health talk on Hepatitis, causes, modes of transmission, prevention and treatment to the patients attending Diara PHC.</li> </ul>	
8	<p><b><u>Healthy Lifestyle Awareness Programme:</u></b></p> <p>As part of the Village Adoption Programme, a Healthy Lifestyle Awareness Program on 30 July 2024 was conducted at Primary School, Gomotia.</p> <p>The program included health talks, exercise demos, role play and a cooking competition, the event highlighted the importance of diet, exercise and dangers of substance use and it was delivered by PGTs (session: 2022-25)</p>	
		

Food items prepared by participants for cooking competition	PGT during a health talk session at Gomotia Primary school
<p>9 <b><u>Breastfeeding Awareness Programme:</u></b></p> <p>Breastfeeding awareness programme was conducted on 7<sup>th</sup> August 2024 at Anandanagar PHC and Diara PHC, Singur. The program featured interactive sessions between mothers and PGTs, the event highlighted the importance of breastfeeding, attachment and position and myths regarding breastfeeding. The event saw active participation from the MOs, ASHA, ANM and mothers. The program was delivered by PGTs (session: 2022-25)</p> 	
<p>10 <b><u>Swachhta Awareness programme:</u></b></p> <p>Swachhta Awareness programme was conducted on 24/09/2024 at three places under RHU&amp;TC Singur service area. They are Hakimpur High School and Gomotia Primary School and at RHU&amp;TC Singur.</p> <ul style="list-style-type: none"> <li>• At RHU&amp;TC Singur, a drawing competition with the theme 'My Dream, Clean Village' was conducted for the children of ASHA workers.</li> <li>• At Hakimpur high school, interactive sessions were held on health impacts on 'e-waste &amp; plastic waste management' and 'plantation drive'.</li> <li>• At Gomotia primary school, lectures, demonstration and roleplay were done on personal Hygiene and environmental cleanliness. Drawing competition was held on 'Swachh Bharath'.</li> </ul> <p>The program was delivered by PGTs (session: 2023-26)</p> 	

## URBAN HEALTH UNIT AND 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 Southeast 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. 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 over population 1 lakh divided predominantly in KMC ward 74 & 82.

### *Mission of the center*

To be a model centre for providing comprehensive Primary Health care to slum population and model field practice area for training, teaching and research in the field of Public Health

### *Activities 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.

Total No. of General OPD patients: 27425

### **Special clinics:**

MCH: ANC -Total No. of beneficiaries -222

PNC- Total No. of beneficiaries -230

Immunization: Total No. of beneficiaries: ANC -93

Under 5 children -449

NCD: Total No. of beneficiaries: 10055

TB: Total No. of beneficiaries: 45

School Health: Total No. of beneficiaries :1063

Mental health clinic: Total No. of beneficiaries :39

Family planning/Contraceptives: Total No. of beneficiaries :7156

### **Laboratory services:**

No. of patients :2849

No. of tests done :9929

### **Training Programs:**

No. of trainings conducted: 52

Total number of participants :1129

No. of outreach awareness programs /Observation/extension activities conducted:33

Total number of participants: 1387

No. of Articles published: 2

*List of Officers (AD/OCs & M.O.s)*

No	Photo	Name	Designation	Area of Expertise
1.		Dr. Amitabha Dan M.B.B.S(Cal), DIH(Cal), Master of Applied Epidemiology (Chennai). E-mail: dan.amitabha@gmail.com Mob No. 7044544489	PHS(SAG) & Additional Director	Public Health
2.		Dr. Rajarshi Chakraborty, M.B.B.S (Cal) E- mail:raj700031@gmail.com Mob: 9830464564	Chief Medical Officer	Public Health
3.		Dr. Sanjoy Bhattacharyya, M.B.B.S (Cal), DIH (Annamalai University) E-mail: sbhattacharyya19@yahoo.com Mob: 7797443708	Medical Officer	Occupational Health
4.		Dr. Shilpa Krishna K M.B.B.S (AIIMS) E-mail: shilpakrishna16@gmail.com Mobile No. 7978427043	Medical Officer	Clinical

5.		Dr. Swetha M V M.B.B.S (CHMC) E-mail: swethamv1212@gmail.com Mob: 7904809202	Medical Officer	Clinical
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*Other Group B Officers of VHU&ITC, Chetla: B.Sc. Nursing*

1.		Mrs. Kakali Roy, B.Sc. Nursing Senior Public Health Nursing Officer, E-mail: kakaliroy@gmail.com Mob: 8902230789		
2.		Mrs. Namita Acharya, B.Sc. Nursing Public Health Nursing Officer E-mail: namita65acharya@gmail.com Mob: 7439118904		
3.		Mrs. Asima Nayak, B.Sc. Nursing & M.A. in Sociology Public Health Nursing Officer E-mail: asima.phns@gmail.com Mob: 8777834844		
4.		Mrs. Maitreyee Guha Purkait, M.Sc. Nursing Public Health Nursing Officer E-mail: maitreybelu@gmail.com Mob: 9433341423		
5.		Mrs. Firoja Khatun, B.Sc. Nursing & B.Sc. in Zoology Public Health Nursing Officer E-mail: firoja.k1984@gmail.com Mob: 6291593078		
6.		Mr. Dilip Kumar Baidya, Master in Sociology Medical Social Welfare Officer E-mail: dkbaidya1965@gmail.com Mob: 869705745		

7.		<p>Mr. Sanjoy Kumar Banik, Master in Social Work          Medical Social Welfare Officer          E-mail: sanjoykumarbanik65@gmail.com          Mob: 9432084821</p>
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### *Incumbency position of other staff*

Sr. No.	Designation	Total no. of posts	Vacant posts
1	Additional Director	01	0
2	Specialist grade Medical Officer of CHS Sub-cadre	06	05
3	Chief Medical Officer	03	02
4	Senior Medical Officer, General Duty Medical Officer	04	01
5	Assistant Engineer(PH), Department of Sanitary Engineering	01	01
6	statistician	01	01
7	Head Clerk	01	01
8	Upper Division Clerk	03	02
9	Accountant	01	01
10	Lower Division Clerk	08	05
11	Telephone Operator	01	01
12	Care taker	01	00
13	Driver	01	00
14	Artist	01	01
15	Data Entry Operator	04	03
16	Dietician	01	01
17	Health Assistant (Male)	04	04
18	Building Inspector	01	01
19	Draughtsman	03	03
20	Field Investigator	04	02
21	Assistant Cine Technician	01	01
22	Pharmacist	03	02
23	X Ray Technician	01	01
24	Medical Laboratory Technician	04	00
25	Senior Public Health Nursing Officer	01	00
26	Public Health Nurse	10	06
27	Nurse	07	06
28	Health Assistant ((Female)	10	07
29	Health Worker (Female)	04	04
30	Laboratory Assistant	02	02
31	Medical Social Welfare Officer	03	01
32	Peon	20	18
33	Durwan	04	03
34	Safaiwala	11	05
35	Mali	04	03
36	Ayah	04	04
37	Cleaner	01	01
38	Attendant	02	01

Sr. No.	Designation	Total no. of posts	Vacant posts
39	Laboratory Attendant	02	00
40	Cook	01	01
41	Canteen Manager	01	01
42	Bearer	01	00
43	Tea maker	01	01
44	MTS ( Non-technical)	03	00
	<b>Total</b>	<b>151</b>	<b>94</b>

*EMR duty/ Evaluation National Programs/ Other consultancies*

Sr.	Name of Officer/MO/ PHS	Nature of activity: EMR duty/ Evaluation National Programs/ Other consultancies	Role
1	Dr Shilpa Krishna K	RMNCH+A	In-Charge MCH Unit
2	Dr Swetha M V	RBSK	In-Charge School Health Unit
3	Dr. Swetha M V	NTEP	In-Charge TB Unit
4	Dr. Shilpa Krishna K	NP-NCD	In-Charge Epidemiology and statistics and NCD Clinic

*List of Publication*

Sr.	Publication- in Vancouver style	Authors
1	Dan Amitabha, A.R.Pasi,Bhattacharyya S, Maitreyee G P :A study on Causes and Pattern of School Drop Out in A Slum Area of Kolkata,India in 2024.Journal of Learning and Educational Policy.New Delhi,2024 October 17:Page no 12-20	Dr. Amitabha Dan1 , Dr. Achchhe Lal Pasi2 ,Dr.Sayan Bhattacharyya3 ,Maitreyee Guha Purkait4
2	Krishna.S.K,Bhattacharya S,Dan et al:Urinary tract infection by Staphylococcus Aureus in an alcoholic male patient:Case Report and review of literature:Journal of clinical case studies and review reports.1(1)	Dr. Amitabha Dan,Dr.Sayan Battacharya,Dr.Shilpa Krishna K AIIH&PH, Kolkata

*List of training programs:*

**Nursing Students from Different Institution of West Bengal.**

No. of Batches: 26

No. of students: 802

Sl	Name Of Programme	Duration/Dates	No of Students	Name of the Institute
1	Field Training Programme of Post Basic B.Sc Nursing (Final Yr - 1st Batch )	3 Wks (21/11/23-08/12/23)	31	College of Nursing, S S K M Medical College & Hospital, Kolkata.
2.	Field Training Programme of Post Basic B.Sc Nursing	3 Wks (11/12/23 - 29/12/23)	28	College of Nursing,

Sl	Name Of Programme	Duration/Dates	No of Students	Name of the Institute
	( Final Yr -2nd Batch )			S S K M Medical College & Hospital, Kolkata.
3.	Field Training Programme of Post Basic B.Sc Nursing (Final Yr - 1st Batch )	2 Wks (02/01/24-12/01/24)	30	College of Nursing, Medical College Hospital, Kolkata.
4.	Field Training Programme of Post Basic B.Sc Nursing ( Final Yr -2nd Batch )	2 Wks (15/01/24-29/01/24)	30	College of Nursing, Medical College Hospital, Kolkata.
5.	Field Training Programme of B.Sc Nursing (Final Yr - 1st Batch )	2 Wks (30/01/24 - 09/02/24)	30	College of Nursing, Medical College Hospital, Kolkata.
6.	Field Training Programme of B.Sc Nursing (Final Yr – 2nd Batch )	2 Wks (12/02/24-23/02/24)	28	College of Nursing, Medical College Hospital, Kolkata.
7.	Field Training Programme of GNM (1st year & 3rd year – 1st Batch )	1Wk (04/03/23-08/03/24)	32 (16 + 16 )	Nurse's Training School ESI Hospital, Maniktala, Kolkata.
8.	Field Training Programme of GNM (1st year & 3rd year – 2nd Batch )	1Wk (11/03/24 - 15/03/24)	32 (16 + 16 )	Nurse's Training School ESI Hospital, Maniktala, Kolkata.
9.	Field Training Programme of GNM (1st year & 3rd year – 3rd Batch )	1Wk (18/03/24 - 22/03/24)	32 (16 + 16 )	Nurse's Training School ESI Hospital, Maniktala, Kolkata.
10.	Field Training Programme of B.Sc Nursing Students (Final Year )	3 Wks (01/04/24 - 19/04/24)	30	College of Nursing, Command Hospital (Eastern Command ) Kolkata
11.	Field Training Programme of B.Sc Nursing Students (5th Semester – 1st Batch )	2 Wks ( 01/04/24-05/04/24 & 15/04/24 -19/04/24 )	28	Aliah University Kolkata
12.	Field Training Programme of B.Sc Nursing Students (5th Semester – 2nd Batch )	2 Wks (22/04/24-03/05/24)	29	Aliah University Kolkata
13.	Field Training Programme of B.Sc Nursing Students (5th Semester )	1 Wk (22/04/24 - 26/04/24 )	30	College of Nursing, Command Hospital (EC ) Kolkata
14.	Field Training Programme of B.Sc Nursing Students (Final Year -1st Batch )	2 Wks(06/05/24-17/05/24 )	31	Aliah University Kolkata
15.	Field Training Programme of B.Sc Nursing Students (Final Year -2nd Batch )	2 Wks(22/05/24-31/05/24 )	31	Aliah University Kolkata
16.	Field Training Programme of ANM Students ( Final Year -1st Batch )	2 Wks (03/06/24–14/06/24)	30	ANM (R) Training School Vidyasagar S G Hospital Behala, Kolkata.

Sl	Name Of Programme	Duration/Dates	No of Students	Name of the Institute
17.	Field Training Programme of ANM Students ( Final Year -2nd Batch )	2 Wks (18/06/24–28/06/24)	29	ANM (R)Training School Vidyasagar S G Hospital Behala, Kolkata.
18.	Field Training Programme of ANM Students (First Year – 1st Batch )	2 Wks (01/07/24–12/07/24)	27	ANM (R)Training School Vidyasagar S G Hospital Behala, Kolkata.
19.	Field Training Programme of ANM Students (First Year – 2nd Batch )	2 Wks (15/07/24–26/07/24)	27	ANM (R)Training School Vidyasagar S G Hospital Behala, Kolkata.
20.	Field Training Programme of B.Sc Nursing Students (Final Year -1st Batch )	2 Wks (05/08/24–16/08/24)	32	College of Nursing, S S K M Medical College & Hospital, Kolkata.
21.	Field Training Programme of B.Sc Nursing Students (Final Year -2nd Batch )	2 Wks (20/08/24–30/08/24)	32	College of Nursing, S S K M Medical College & Hospital, Kolkata.
22.	Orientation Visit of B.Sc Nursing Students	27/08/2024	25	The Neotia University.
23.	Field Training Programme of B.Sc Nursing Students (Final Year -1st Batch )	2 Wks (02/09/24–13/09/24)	40	College of Nursing, R G Kar Medical College & Hospital, Kolkata.
24.	Field Training Programme of B.Sc Nursing Students (Final Year -2nd Batch )	2 Wks (17/09/24–27/09/24)	40	College of Nursing, R G Kar Medical College & Hospital, Kolkata.
25.	Field Training Programme of B.Sc Nursing Students (5th Semester- 1st Batch)	2 Wks (04/11/24–14/11/24)	34	Aliah University Kolkata
26.	Field Training Programme of B.Sc Nursing Students (5th Semester- 2nd Batch)	2 Wks (18/11/24–29/11/24)	34	Aliah University Kolkata

### M.Sc Nursing Students from Different Institution of West Bengal & Outside West Bengal

No of Batches: 13

No of Students: 82

Sl No	Name Of Programme	Duration/Dates	No of Students	Name of the Institute
1.	Orientation Visit of M.Sc Nursing Students	17/01/2024	05	College of Nursing IDBG Hospital, Kolkata.

Sl No	Name Of Programme	Duration/Dates	No of Students	Name of the Institute
2.	Field Training Programme of M.Sc Nursing Students	2.5 Wks (01/02/24–13/02/24)	02	University College of Nursing, Baba Farid University of Health Sciences, Faridkot, Punjab
3.	Field Training Programme of M.Sc Nursing Students	2 Wks (12/02/24–23/02/24)	05	College of Nursing, Medical College Hospital, Kolkata.
4.	Field Training Programme of M.Sc Nursing Students ( Part -11 )	3 Wks (01/04/24–19/04/24)	06	College of Nursing, Command Hospital (EC ) Kolkata
5.	Field Training Programme of M.Sc Nursing Students (Part -1)	1 Wk (22/04/24–26/04/24)	05	College of Nursing, Command Hospital (EC ) Kolkata
6.	Field Training Programme of M.Sc Nursing Students	2 Wks (06/05/24–17/05/24)	27	College of Nursing, S S K M Medical College & Hospital, Kolkata.
7.	Field Training Programme of M.Sc Nursing Students (Part -1)	3 Wks (03/06/24–21/06/24)	03	College of Nursing, R G Kar Medical College & Hospital, Kolkata.
8.	Field Training Programme of M.Sc Nursing Students	4 Wks (10/06/24–05/07/24)	03	Rajkumari Amrit Kaur (RAK) College of Nursing, New Delhi.
9.	Field Training Programme of M.Sc Nursing Students ( Part -11 )	2 Wks (01/07/24–12/07/24)	06	College of Nursing, R G Kar Medical College & Hospital, Kolkata.
10.	Field Training Programme of M.Sc Nursing Students	2 Wks (01/07/24–12/07/24)	06	Regional College of Nursing, Guwahati, Assam.
11.	Field Training Programme of M.Sc Nursing Students	4 Wks (08/07/24–12/07/24)	04	College of Nursing IDBG Hospital, Kolkata.

Sl No	Name Of Programme	Duration/Dates	No of Students	Name of the Institute
12.	Field Training Programme of M.Sc Nursing Students	2 Wks (15/07/24– 26/07/24)	05	Sikkim Manipal Institute of Medical Sciences, Manipal, Gangtok, Sikkim.
13.	Orientation Visit of M.Sc Nursing Students	23/08/2024	05	College of Nursing, S S K M Medical College & Hospital, Kolkata.

#### Students from Different Courses:

No of Batches: 09

No of Students: 150

Sl No	Name Of Programme	Duration/Dates	No of Students	Name of the Institute
1.	Orientation Visit of MD (PHA) Students	2 Days (31/01/24 & 01/02/24)	13	National Institute of Health & Family Welfare (NIH&FW) Delhi
2.	Orientation Visit of Intern Students of Industrial Health	1 Day ( 26/03/2024)	02	Dept. of Occupational Health AIIH&PH, Kolkata.
3.	Field Training Programme of M.Sc (Applied Nutrition) Students	2 Days (29/07/24 & 30/07/24)	17	Dept. of Biochemistry & Nutrition, AIIH & PH, Kolkata.
4.	Field Training Programme of Dip. Diet Students	2 Wks (29/07/24 – 09/08/24)	18	Dept. of Biochemistry & Nutrition, AIIH & PH, Kolkata.
5.	Orientation Visit of Associate Fellow of Industrial Health (AFIH)	1 Day (30/08/2024)	19	Dept. of Occupational Health AIIH&PH, Kolkata.
6.	Field Training Programme of the Students of Sanitary Health Inspector Course(2023-2024)	3 Wks (17/09/24 – 04/10/24)	03	Dept. of Sanitary Engineering AIIH & PH, Kolkata
7.	Orientation Visit of BHMS Students	1 Day (18/09/24)	45	National Institute of Homeopathy, Kolkata.
8.	Orientation Visit of BHMS Students	1 Day (25/09/24)	30	National Institute of Homeopathy, Kolkata.

#### Special Training Programme

Total No- 04

Total Participants- 95

Sl No	Name of the Training Programme	Date of Programme & Venue	Number & Type of Participants	Speaker
1.	Orientation programme on RMNCH+A	20/06/2024 Committee Room	28 ANM Students NTC, Bidyasagar Hospital, Kolkata	M.Sc Nursing Students CON, R G

		Of UHU&TC		Kar Medical College & Hospital, Kolkata
2.	Problem Solving Activity on First Aid Management & Compression only Life Support	01/07/2024 Committee Room Of UHU&TC	22 Care Giver of Iswar Sankalpa (NGO)	M.Sc Nursing Student RAK College of Nursing, New Delhi
3.	Training Programme on Prevention & Control of Dengue Fever	04/07/2024 Auditorium of UHU&TC	20 Community Leader	M.Sc Nursing Student RAK College of Nursing, New Delhi
4.	Training Programme on Prevention & Control of Cancer	22/07/2024 Committee Room Of UHU&TC	25ANM Students NTC, Bidyasagar Hospital	M.Sc Nursing Students CON, IDBG Hospital, Kolkata

### *Awareness Programme*

Total No of Awareness Programme: 19

Total Participants: 78

Sl No	Name of the Programme	Date & Place	No & Type of Participants	Organized by
1.	Prevention of Tuberculosis	10 /01/2024 Community Hall of UHU&TC, Chetla	16 Community People	Post Basic Bsc Nursing Students of CON, Medical College & Hospital, Kolkata /MCH Unit of UHU&TC, Chetla.
2.	Worm Infestation	11/01/2024 KMCP School, Chetla	14 School Students	Post Basic BSc Nursing Students of CON, Medical College & Hospital /School Health Unit of UHU&TC, Chetla.
3.	Prevention of Cancer	05/02/2024 School Health Clinic UHU&TC, Chetla	14 School Students & Parents	M.Sc Nursing Students, BFUHS, Faridkot, Punjab & SH Unit of UHU&TC, Chetla
4.	National Eating Disorder	22/02/2024 Saudamini GSFP School Chetla	27 School Students	BSc & MSc Nursing Students of CON, Medical College & Hospital / School Health Unit of UHU&TC, Chetla
5.	Oral Hygiene	14 /03/2024 Alipur Multipurpose Girls School, Alipur.	130 School Students	GNM Students of NTC,ESI Hospital,Manicktala & School Health Unit of UHU&TC, Chetla
6.	Dengue & Malaria	21/03/2024 New Alipur Multipurpose Boys School.	75 School Students	GNM Students of NTC,ESI Hospital,Manicktala & School Health Unit of UHU&TC, Chetla
7.	Personal Cleanliness	02/04/2024 Kailash Vidya Mandir Chetla	150 School Students	Dept. of Bio Chemistry & Nutrition /School Health Unit, UHU&TC, Chetla
8.	Environmental Sanitation, Personal Hygiene & Menstrual Hygiene	12/04/2024 19 Alipur Rd (Community)	53 Community People	BSc & MSc Nursing Students of CON, Eastern Command Hospital / MCH Unit of UHU&TC, Chetla

Sl No	Name of the Programme	Date & Place	No & Type of Participants	Organized by
9.	Stress Management	26/04/2024 19 Alipur Rd (Community)	35 Community People	BSc & MSc Nursing Students of CON, Eastern Command Hospital / MCH Unit of UHU&TC, Chetla
10.	First Aid Management	16/05/2024 Alipur Abaitanik School	22 School Students	BSc Nursing Students of Aliah University & School Health Unit of UHU&TC, Chetla
11.	Worm Infestation & Personal Hygiene	30/05/2024 KMCP School PHD Rd	21 School Students	BSc Nursing Students of Aliah University & School Health Unit of UHU&TC, Chetla
12.	Prevention & Control of Diarrhoea, Personal Hygiene	13/06/2024 Raja Santosh Road (Community)	24 Community People	ANM students of Vidyasagar State General Hospital & MCH Unit of UHU&TC, Chetla
13.	Dengue Fever	27/06/2024 Kolahal Gosthi 42 R S Road	30 Community People	ANM students of Vidyasagar State General Hospital & MCH Unit of UHU&TC, Chetla
14.	Menstrual Hygiene	02/07/2024 Recreation Club 32 Judges Court Rd	20 Adolescent Girl & Adult Female	M.Sc Nursing Student of RAK College of Nursing, New Delhi & MCH Unit of UHU&TC, Chetla
15.	Maintenance of Work Place Hygiene & Safety Measures	12/07/2024 Calcutta Motors Rakhal Das Auddy Rd	14 Garage Worker	M.Sc Nursing Student of CON, R G Kar Medical College & Hospital / Occupational Health Unit of UHU&TC, Chetla
16.	Vector Bourne Diseases Control Programme	13/09/2024 Kranti Sporting Club 60 Rakhal Das Auddy Rd	18 Community People	B.Sc Nursing Student of CON, R G Kar Medical College & Hospital / MCH Unit of UHU&TC, Chetla
17.	Diabetes	11/11/2024 New Alipur Multipurpose Boys School	70 School Students	B.Sc Nursing Student of Aliah University / S H Unit of UHU&TC, Chetla
18.	Personal Hygiene & Menstrual Hygiene	25/11/2024 Param Hansha Dev Rd	24 Adolescent Girl & Adult Female	MCH Unit of UHU&TC, Chetla
19.	Lung Cancer	29/11/2024 4 A Rakhal Das Auddy Road	30 Garage Worker & Phuchka Maker	Occupational Health Unit of UHU&TC, Chetla

### *Observation of Special Days / Weeks / Months*

Total No of DAYS Celebrated: 14

Total Participants: 600

Sl No	Name of the Programme	Date & Place	No & Type of Participants	Organized by
1.	World Kidney Day	07/03/2024 Adarsha Hindi Vidyalaya 34 Judges Court Road	80 School Students & Teachers	GNM Students of ESI Hospital, Maniktala & School Health Unit, UHU&TC.
2.	World T B Day	28/03/2024 UHU&TC	20 T B Patient & Their Family Member	T B Unit, UHU&TC.
3.	World Malaria Day	25/04/2024 UHU&TC, Chetla	25 Community People	B.Sc Nursing Students of Aliah University & School Health Unit, UHU&TC.
4.	World Thalassaemia Day	09/05/2024 Raja Santosh Road	21 Adolescent & their Parents	M.Sc Nursing Students of CON, SSKM Hospital & School Health Unit, UHU&TC, Chetla.
5.	World Hypertension Day	21/05/2024 UHU&TC, Chetla	17 NCD Patient	B.Sc Nursing Students of Aliah University & MCH Unit, UHU&TC.
6.	International YOGA Day	21/06/2024 Community Hall UHU&TC, Chetla	60 All Officials	UHU&TC, Chetla
7.	Doctors Day	01/07/2024 Chetla Boys High School	43 School Students	ANM Students of Vidyasagar S D Hospital & School Health Unit, UHU&TC.
8.	First Aid Day	19/09/2024 Chetla Boys High School	52 School Students	B.Sc Nursing Student of CON, R G Kar Medical College & Hospital /School Health Unit of UHU&TC, Chetla
9.	Nutrition Month	12/09/2024 Multipurpose Girls High School	22 School Students & Teachers	B.Sc Nursing Student of CON, R G Kar Medical College & Hospital /School Health Unit of UHU&TC, Chetla
10.	Swachhata Hi Sewa	27/09/2024 Adarsha Hindi Vidyalaya	50 School Students	School Health Unit, UHU&TC.
11.	Swachhata Hi Sewa	27/09/2024 Kailash Vidya Mandir	40 School Students	School Health Unit, UHU&TC.
12.	Swachhata Hi Sewa	27/09/2024 UHU&TC, Chetla	10 Community People(Mother)	MCH Unit, UHU&TC, Chetla
13.	Swachhata Hi Sewa	01/10/2024 Iswar Sasnkalpa (NGO) 19 B Chetla Hat Road	100 Boarder & Care Giver	UHU&TC, Chetla
14.	World Antimicrobial Awareness Week	21/11/2024 Deshbandhu Balika Vidyalaya	60 School Students & Teacher	BSc Nursing Stds of Aliah University & School Health Unit of UHU&TC, Chetla.

*Photographs:*



**World Water Day was observed at Hindi Vidhyalaya, Alipore on topic Safe Drinking Water on 04.04.2024 by School Health Unit, UHU&TC, Chetla.**



**World Hypertension Day was observed at NCD OPD at UHU&TC, Chetla with BSc Nursing students from Aliah University posted for community experience. (21.05.2024)**



**An awareness programme on World TB Day was arranged by TB unit, UHU&TC, Chetla with 20 patients undergoing treatment at TB Unit, UHU&TC, Chetla (28.03.2024)**



**World AIDS Day was observed by Family Planning Clinic, UHU&TC, Chetla with 30 participants from service area on 01.12.2023.**

## HUMAN RESOURCE MOVEMENT - 2024

Our New Friends				
Sl. No.	Name	Designation	DoJ	Pay Level
1.	Dr. Bidyut Paul	SAG	01/01/2024	14
2.	Dr. Swetha M.V	MO	07/03/2024	10
3.	Dr. Monisha J	MO	08/03/2024	10
4.	Dr. Arjun P S	MO	12/04/2024	10
5.	Dr. Rakesh Basak	CMO	16/04/2024	12
6.	Jyotisma Pal	Tutor	16-10-2024	10
7.	Muthamizhkumaran	Demonstrator(B&N)	17/10/2024	7
8.	Shivani Palania	DITECIAN	09-07-2024	6
9.	Kishan Kumar Maurya	MUSEUM ASSISTANT	01-08-2024	2
10.	Harekrushna Mohanty	Library and Information Assistant	13-08-2024	6
11.	Hridesh Mohan	Animal Attendant	10-07-2024	1
12.	Abir Banerjee	Laboratory Attendant	10-07-2024	1
13.	Manashi Ghosh	Laboratory Attendant	15-07-2024	1
14.	Milan Manik	Laboratory Attendant	15-07-2024	1
15.	Debnath Mukherjee	Laboratory Attendant	15-07-2024	1
16.	Debkanto Chandra	Laboratory Attendant	15-07-2024	1
17.	Tanmay Gharami	Laboratory Attendant	16-07-2024	1
18.	E. Vani	Laboratory Attendant	24-07-2024	1
19.	Soumok Kumar Shit	Laboratory Attendant	31-07-2024	1
20.	Amit Biswas	Laboratory Attendant	07-08-2024	1
21.	Aniruddha Kamila	Laboratory Attendant	18-11-2024	
22.	Amit Hela	MTS	23-09-2024	1
23.	Dip Das	MTS (Trainee)	24-09-2024	1
24.	Khuedasagar	Ayah	14-11-2024	1
Friends Who Moved UP				
Sl.	Name	Promoted As	Date of Promotion	Pay Level
1	Dr. Debashis Dutt	NFU	10/08/2022	15
2	Dr. Rama Ranjan Pati	NFU	06/11/2023	15
3	Dr. Rajarshi Chakraborty	CMO	03/02/2023	12
4	Dr. Kaushik Das	CMO	22/10/2023	12
6	Sri P.K. Barman	Head Clerk	01/12/2024	6
7	Smt Mithu Das	Health Assistant(F)	19/06/2024	4
8	Smt Nabanita Biswas	Health Assistant(F)	19/06/2024	4
9	Smt. Swati Biswas	Health Assistant(F)	19/06/2024	4
10	Smt Mamata Bhar (Ghosh)	Health Assistant(F)	19/06/2024	4
11	Sri Jayanta Shaw	Driver Special Grade	02/04/2024	6
12	Sri Sanat Ch Sandal	Driver Grade -I	09/07/2024	5
13	Sri Shyamal Kr Sahoo	Driver Grade-I	09/07/2024	5
Departure On Transfer				
Sl.	Name	Designation	Date of Departure	Pay Level
1	Chandrima Das	Deputy Director	05/01/2024	12
2	Dr. Bokam Usharani	Medical Officer	30/01/2024	11
3	Dr. Sayantani Nandi	Medical Officer	10/05/2024	10
4	Dr. Arun Kumar L	Medical Officer	24/07/2024	11
5	Dr. Sourav Ghosh	Medical Officer	13/08/2024	11
6	Dr. Kiran Swapnil Akhade	Assistant Professor (Public Health)	30/08/2024	11

6	Dr. Kiran Swapnil Akhade	Assistant Professor (Public Health)	30/08/2024	11
7	Dr. Bismita Nath	Medical Officer	14/10/2024	11
8	Harsh Singh	MTS	22/02/2024	1
9	Biplab Kr. Tikadar	MTS	29/02/2024	1
10	Sanjeev Kumar	MTS	29/02/2024	1
11	Soumya Goswami	MTS	29/02/2024	1
12	Vinayak Kumar	MTS	29/02/2024	1
13	Sanat Biswas	MTS	29/11/2024	1
<b>Departure On Superannuation/Died in harness/ VR</b>				
Sl.	Name	Designation	Date of Superannuation	Pay Level
1.	Smt. Iti Pal	HA(F)	31/12/2023	4
2.	Shri Krishna Kumar Kundu	DBO	31/12/2023	6
3.	Shri Samir Kumar Majumder	Laboratory Attendant	31/12/2023	1
4.	Shri S. K. Mahato	Driver Grade -I	31/12/2023	5
5.	Shri Tarak Rao	Laboratory Attendant	31/12/2023	1
6.	Shri Krishnendu Barua	MTS	31/12/2023	1
7.	Sri Subhas Hazra	MTS	31/12/2023	1
8.	Smt. Parbati Malik	HW(F)	31/01/2024	2
9.	Sri Niranjana Halder	Driver Special Grade	31/01/2024	6
10.	Sri Gopal Rajak	MTS	31/01/2024	1
11.	Sri Dinesh Roy	Stenographer	31/01/2024	6
12.	Sri Chhutu Ram Saren	Field Investigator	29/02/2024	2
13.	Sri Nitai Chandra Das	MTS	29/02/2024	1
14.	Sri Pradip Kumar Chakraborty	Animal Attendant	29/02/2024	1
15.	Sri Nirmal Chandra Saha	UDC	29/02/2024	4
16.	Smt. Gayatri Naskar	HA(F)	31/03/2024	4
17.	Shaik Naushad	MTS	31/03/2024	1
18.	Sri Jyotirmoy Das	Field Assistant	30/04/2024	2
19.	Sri Pradip Chowdhury	MTS	30/04/2024	1
20.	Smt Bandan Sengupta	HA(F)	31/05/2024	4
21.	Dr. Lina Bandyopadhyay	PHS(Advisor)	30/06/2024	14
22.	Sri Mihir Lal Naskar	Laboratory Attendant	31/10/2024	1
23.	Smt. Iva Biswas	PHN	31/07/2024	8
24.	Dr. Madhumita Bhattacharya	Senior CMO(SAG)	30/09/2024	14
25.	Smt. Lakshmi Das	Nurse	30/09/2024	7
26.	Sri Nakul Baskey	Worker	30/11/2024	2
27.	Late Goutam Ghosh (Died in harness)	MTS	24/01/2024	1
28.	Late Monaj Sharma (Died in harness)	MTS	27/01/2024	1
29.	Late Subhasish Chakraborty (Died in harness)	UDC	24/08/2024	4
30.	Smt. Shipra Majumder (V.R.)	MLT	05/11/2023	6
31.	Shri Sanjib Kumar Das (V.R.)	MTS	04/01/2024	1

Notes: We have covered above only the cases of Designation. MACP cases have not been covered above

**TOTAL NO. OF STUDENTS AT AIIPH&PH, KOLKATA AS ON 18.12.2024**

Course	Session	No. of Students
MD(CM)	2021-2024	18
MD(CM)	2022-2025	16
MD(CM)	2023-2026	19
MD MPH (Epidemiology)	2021-2024	03
MD MPH (Epidemiology)	2022-2025	04
MD MPH (Epidemiology)	2023-2026	07
MVPH	2023-2025	02
MVPH	2024-2026	02
M. Sc in Applied Nutrition	2022-2024	18
M. Sc in Applied Nutrition	2023-2025	16
DIP-DIET	2023-2024	17
DHPE	2023-2024	25
M. Sc in Public Health (Health Promotion)	2022-2024	02
M. Sc in Public Health (Health Promotion)	2023-2025	01
M. Sc in Public Health (Maternal & Child Health)	2023-2025	03
Sanitary Health Inspector	2023-2024	06
Sanitary Health Inspector	2024-2025	15
TOTAL		174

\*Admission in MD (CM) and MD MPH (Epidemiology) courses for the Session 2024-2027 is going on at present. Total intake capacity of these two courses is:

MD (CM) = 20

MD MPH (Epidemiology) = 07



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