



SUMMER INTERNSHIP PROGRAM
at
Integrated Disease Surveillance Programme (IDSP)
NHM, RAJASTHAN

From 6th May 2024 to 5th July 2024

A REPORT BY

Taniya Singh Butolia

Master of Business Administration

MBA (HOSPITAL AND HEALTH MANAGEMENT)

2023-25

under the Mentorship of

DR. PIYUSHA MAJUMDAR (ASSOCIATE PROFESSOR)





Government of Rajasthan
National Health Mission, Rajasthan
Department of Medical, Health & FW, Swasthya Bhawan, Jaipur
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No. F 2 (153) NHM/SPM/2024/ 839

Dated: 5/7/24

CERTIFICATE

This is to certify that **Ms Taniya Singh Butolia**, student of MBA, Indian Institute of Health Management Research (IIHMR University, Jaipur) has successfully completed her Summer Training at National Health Mission, Rajasthan from 06/05/2024 to 05/07/2024. She has worked on the project-

**ASSESSMENT OF TRENDS AND PATTERN OF DISEASES
UNDER INTEGRATED DISEASE SURVEILLANCE PROJECT IN
RAJASTHAN: A RETROSPECTIVE OBSERVATIONAL STUDY**

Her performance was found satisfactory. We extend her good wishes for a bright and successful career ahead.

(Dr Jitendra Kumar Soni)
Mission Director, NHM

Special Secretary
Medical Health & Family Welfare

IIHMR University Faculty Mentor Approval

This is to certify that **Ms. TANIYA SINGH BUTOLIA** of academic year 2023-25 of **INSTITUTE OF HEALTH MANAGEMENT RESEARCH** has prepared a poster with respect to her summer internship held during May-June 2024.

She has carried out work as per the guidelines. Her poster is approved for presentation.

Date: 23/07/24

A handwritten signature in red ink, appearing to read 'Piyusha', with a stylized flourish at the end.

Dr. Piyusha Majumdar

Associate Professor

IIHMR University Jaipur

Weekly Report

Week 1

Name of the Organisation: NHM, Rajasthan

Area/ Department/ Project of Summer Internship Program: Not yet allotted.

Name of the Student: Taniya Singh Butolia

Roll no: 1864

Stream: MBA Hospital & Health
Management

Week no: 1

From: 6th May 2024 to 9th May 2024

Activity Done	• The week started with the Orientation of different National Health programs that are operational in the state of Rajasthan. • Directors or State Program Officers generally introduce and teach about the concerned National Health Programs. Following is the day wise list of programmes introduced: • 1st Day: Ambulance Services, Family Welfare, Immunization & Supply Chain, Mobile Medical Units, Ayushman Arogya Manthan, Pre-Conception and Pre-Natal Diagnostic Techniques Act. • 2nd Day: Quality Assurance, Child Health, Mukhyamantri Nishulk Dava Yojna, Mukhyamantri Nishulk Jaanch Yojna, Immunization. • 3rd Day: National Programme for Prevention and Control of Non Communicable Diseases, National Vector Borne Disease Control Programme, Maternal Health. • 4th Day: Integrated Disease Surveillance Programme.
Linking theory (Classroom learning) with practice at your organisation.	• Different aspects of Public Health studied in the classroom helped develop a better understanding of the National Health Programs along with the issues prevailing in the society. • Epidemiology and Demography was widely used to discuss the disease prevalence of different districts of Rajasthan. • The knowledge of the structure and working of Public health Systems and several other Health institutions helped to better understand the framework.
Gaps identified on the working area.	• Till now we haven't actually performed any gap analysis to figure out the gaps as still the orientation is going on. • But from the lectures that we have received on different health programs we have figured out that despite efforts by the govt., are some the gaps that are hindering the success of these National Health Programs: a) Behaviour/perspectives of population b) Lack of technology integration due to technical limitations c) Lack of intersectoral coordination

		d) Lack of proper training and knowledge e) Resistance to change
	Suggestions for Improvement.	NA
	Plan for the next week	☐ The orientation would continue for the first two days of the week. ☐ Then we'll be asked to choose a program of Interest and then we'll start working in our respective areas.

Taniya Singh Butolia

Signature of the Student

Approved by the IIHMR University's Mentor

Weekly Report

Week 2

Name of the Organisation: NHM, Rajasthan

Department: Integrated Disease Surveillance Programme(IDSP)

Name of the Student: Taniya Singh Butolia

Roll no: 1865

Stream: MBA Hospital & Health Management

Week no: 2

From: 13th May 2024 to 17th May 2024

Activity Done	The week started with the Orientation of different National Health programs that are operational in the state of Rajasthan. Following is the day wise list of programmes introduced: • 1st Day: RBSK, RKSK, NPCB, NIDDCP, NPPCF. • 2nd Day: NUMH, ASHA, DEO-FW, NOHP, NTEP. • 3rd Day: Assigned to Integrated Disease Surveillance Programme (IDSP) Department. And brief about the department and Integrated Health Information Platform(IHIP). • 4th Day: Trained about the reporting system and database of the IHIP. • 5th Day: Completion of Monthly Bulletin of IHIP portal.
Linking theory (Classroom learning) with practice at your organisation	• Different aspects of Public Health studied in the classroom helped develop a better understanding of the National Health Programs along with the issues prevailing in the society. • Epidemiology and Demography was widely used to discuss the disease prevalence of different districts of Rajasthan. • The knowledge of the structure and working of Public health Systems and several other Health institutions helped to better understand the framework.
Gaps identified on the working area.	We have identified poor reporting districts in Syndromic, presumptive and laboratory formats .
Suggestions for improvement	NA

Plan for the next week	☐ Detailed districtwise analysis of districts performing poor and issue letter to concern.
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Taniya Singh Butolia

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Weekly Report

Week 3

Name of the Organisation: NHM, Rajasthan

Department: Integrated Disease Surveillance Programme(IDSP)

Name of the Student: Taniya Singh Butolia

Roll no: 1865

Stream: MBA Hospital & Health Management

Week no: 3

From: 20th May 2024 to 24th May 2024

Activity Done	• 1st Day: IHIP(Integrated health Information Platform) Analysis for Private Sector Health Facilities in Rajasthan. • 2nd Day: Private sector health facilities in S,P,L – form. • 3rd Day: PPT Presentation of Top -10 Health facilities for V.C. meeting. • 4th Day: MONTHWISE CONSISTENCY AND QUALITY SCORE OF HEALTH FACILITIES • 5th Day: S,P,L-Form Health Facilities Monitoring Roster of Rajasthan in Private Sector Health Facilities.
Linking theory (Classroom learning) with practice at your organisation	• Different aspects of Public Health studied in the classroom helped develop a better understanding of the National Health Programs along with the issues prevailing in the society. • The knowledge of the structure and working of public health Systems and several other Health institutions helped to better understand the framework.
Gaps identified on the working area.	S,P,L-Forms deaths reported with only fever cough .
Suggestions for improvement	NA
Plan for the next week.	Outbreak Detailed Analysis.

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Weekly Report

Week 4

Name of the Organisation: NHM, Rajasthan

Department: : Integrated Disease Surveillance Programme (IDSP)

Name of the Student: Taniya Singh Butolia

Roll no: 1865

Stream: MBA Hospital & Health Management

Week no: 4

From: 27th May 2024 to 31st May 2024

Activity Done	• 1st Day: OUTBREAK SUMMARY IN RAJASTHAN. • 2nd Day: EVENT ALERT PENDING , REPORTED OUTBREAK , COMPLETED OUTBREAK , UNDER SURVEILLANCE. • 3rd Day: WRONG ENTERIES IN IHIP- PORTAL. • 4th Day: DISEASE TREND IN INTEGRATED HEALTH INFORMATION PLATFORM(IHIP)-IDSP {MONTH:-JANUARY TO APRIL 2023-24 } • 5th Day: MUMPS DISEASE TREND IDSP {MONTH:-JANUARY TO APRIL 2023-24 }
Linking theory (Classroom learning) with practice at your organisation	• Different aspects of Public Health studied in the classroom helped develop a better understanding of the National Health Programs along with the issues prevailing in the society. • The knowledge of the structure and working of public health Systems and several other Health institutions helped to better understand the framework.
Gaps identified on the working area.	• Outbreak not completed. • Event alert pending.
Suggestions for improvement	NA
Plan for the next week.	Trends and Pattern of Diseases Under Integrated Disease Surveillance Project in Jaipur, Rajasthan: A Retrospective Observational Study.

Taniya Singh Butolia

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Weekly Report

Week 5

Name of the Organisation: NHM, Rajasthan

Department: Integrated Disease Surveillance Programme (IDSP)

Name of the Student: Taniya Singh Butolia

Roll no: 1865

Stream: MBA Hospital & Health Management

Week no: 5

From: 3rd june 2024 to 7th june 2024

Activity Done	• 1st Day: Trends and Pattern of Diseases Under Integrated Disease Surveillance Project in Jaipur, Rajasthan: A Retrospective Observational Study (2019-2023). • 2nd Day: Year wise distribution of Syndromic cases in various districts of Rajasthan. • 3rd Day: Distribution of Presumptive cases reported in IDSP in the urban districts of Rajasthan from 2019-2023. • 4th Day: Death Records Analysis of COVID-19 in 2024. • 5th Day: S, P, L and outbreak analysis from 2019.
Linking theory (Classroom learning) with practice at your organisation	• Different aspects of Public Health studied in the classroom helped develop a better understanding of the National Health Programs along with the issues prevailing in the society. • The knowledge of the structure and working of public health Systems and several other Health institutions helped to better understand the framework.
Gaps identified on the working area.	Gaps we will find it by going into the field with questionnaires by next week.
Suggestions for improvement	NA
Plan for the next week.	Antimicrobial resistance state action plan workshop and field visit.

Taniya Singh Butolia

Signature of the Student

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Weekly Report

Week 6

Name of the Organisation: NHM, Rajasthan

Department: Integrated Disease Surveillance Programme (IDSP)

Name of the Student: Taniya Singh Butolia

Roll no: 1865

Stream: MBA Hospital & Health Management

Week no: 6

From: 10th June 2024 to 14th June 2024

Activity Done	1st Day: Multistakeholder Consultation Workshop for the Development of Rajasthan State Action Plan or Containment of Antimicrobial resistance (RAPCAR), Day-1 and field visit in SIHFW, Jaipur. 2nd Day: Multistakeholder Consultation Workshop for the Development of Rajasthan State Action Plan or Containment of Antimicrobial resistance (RAPCAR), Day-2 and field visit in SIHFW, Jaipur. 3rd Day: Study of Guidelines Regarding Brucellosis. 4th Day: Analysis of District Wise Daily Status of COVID-19 of Date: 6.6.2024 to 12.6.2024. 5th Day: Field visit to SMS Medical College and Santokba Durlabji Memorial Hospital, Jaipur.
Linking theory (Classroom learning) with practice at your organisation	- Different aspects of Public Health studied in the classroom helped develop a better understanding of the National Health Programs along with the issues prevailing in the society. - The knowledge of the structure and working of public health Systems and several other Health institutions helped to better understand the framework.
Gaps identified on the working area.	IHIP [List have not any format of Brucellosis and others], software problem.
Suggestions for improvement	Management of Crowd in hospitals and patient satisfaction.

Plan for the next week.	Visit to PHC and CHC, Jaipur.
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Janiya Singh Butolia

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Weekly Report

Week 7

Name of the Organisation: NHM, Rajasthan

Department: Integrated Disease Surveillance Programme (IDSP)

Name of the Student: Taniya Singh Butolia

Roll no: 1865

Stream: MBA Hospital & Health Management

Week no: 7

From: 18th June 2024 to 21st June 2024

Activity Done	1st Day: Visit to PHC and CHC in Amer, Jaipur. 2nd Day: Training programme on “Social and Behaviour Change Communication (SBCC)”– Nomination Regarding. 3rd Day: Visit to nearby nursing home. 4th Day: Medical and Health Minister Shri Gajendra Singh reviewing the preparedness for seasonal diseases in Khinvsar.
Linking theory (Classroom learning) with practice at your organisation	- Different aspects of Public Health studied in the classroom helped develop a better understanding of the National Health Programs along with the issues prevailing in the society. - The knowledge of the structure and working of public health Systems and several other Health institutions helped to better understand the framework.
Gaps identified on the working area.	Non-availability of doctors and Medical officers.
Suggestions for improvement	NA
Plan for the next week.	Visit to PHC and CHC, Udaipur.

Taniya Singh Butolia

Signature of the Student

Approved by the IIHMR University's Mentor

Weekly Report

Week 8

Name of the Organisation: NHM, Rajasthan

Department: Integrated Disease Surveillance Programme (IDSP)

Name of the Student: Taniya Singh Butolia

Roll no: 1865

Stream: MBA Hospital & Health Management

Week no: 8

From: 24th June 2024 to 28th June 2024

Activity Done	• 1st Day: Emerging & New Emerging Diseases in the Context of Climate Change. • 2nd Day: Surveillance, Outbreak, Health Planning, Emerging & New Emerging Diseases. Prepared a detailed report in the reporting system of the organization for further working. • 3rd Day: National Vector Borne Disease Control Programme (NVBDCP). Submission of report and meeting with organizational mentor regarding findings. • • 4th Day: Meeting Preparation of fire safety in the office. Presentation and further processing and photography. • 5th Day: Final Report Submission of the internship in the SPM Cell.
Linking theory (Classroom learning) with practice at your organisation	• Different aspects of Public Health studied in the classroom helped develop a better understanding of the National Health Programs along with the issues prevailing in the society. • The knowledge of the structure and working of public health Systems and several other Health institutions helped to better understand the framework.
Gaps identified on the working area.	• Outbreak not completed. • Event alert pending.
Suggestions for improvement	Government Should address this concern seriously to meet Required IHIP Portal certification standards.

Plan for the next week.	Infectious disease burden in Rajasthan (2017-2021): comparison of selected infectious disease rates with India.

Taniya Singh Butolia

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Compiled Reporting Format

Name of the Organisation: NHM, Rajasthan

Area/ Department/ Project of Summer Internship Program: Integrated Disease Surveillance Programme (IDSP).

Name of the Student: Taniya Singh Butolia

Roll no:1865

Stream: MBA (Hospital and Health Management)

Activity Done	• The week started with the Orientation of different National Health programs that are operational in the state of Rajasthan. • Directors or State Program Officers generally introduce and teach about the concerned National Health Programs. • Assigned to Integrated Disease Surveillance Programme (IDSP) Department. And brief about the department and Integrated Health Information Platform(IHIP). • Trained about the reporting system and database of the IHIP. • Completion of Monthly Bulletin of IHIP portal. • IHIP(Integrated health Information Platform) Analysis for Private Sector Health Facilities in Rajasthan. • Private sector health facilities in S,P,L – form. • PPT Presentation of Top -10 Health facilities for V.C. meeting. • MONTHWISE CONSISTENCY AND QUALITY SCORE OF HEALTH FACILITIES • S,P,L-Form Health Facilities Monitoring Roster of Rajasthan in Private Sector Health Facilities. • OUTBREAK SUMMARY IN RAJASTHAN. • EVENT ALERT PENDING , REPORTED OUTBREAK , COMPLETED OUTBREAK , UNDER SURVEILLANCE. • WRONG ENTERIES IN IHIP- PORTAL. • DISEASE TREND IN INTEGRATED HEALTH INFORMATION PLATFORM(IHIP)-
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	IDSP {MONTH:-JANUARY TO APRIL 2023-24 } • MUMPS DISEASE TREND IDSP {MONTH:-JANUARY TO APRIL 2023-24 } • Trends and Pattern of Diseases Under Integrated Disease Surveillance Project in Jaipur, Rajasthan: A Retrospective Observational Study (2019-2023). • Year wise distribution of Syndromic cases in various districts of Rajasthan. • Distribution of Presumptive cases reported in IDSP in the urban districts of Rajasthan from 2019-2023. • Death Records Analysis of COVID-19 in 2024. • Multistakeholder Consultation Workshop for the Development of Rajasthan State Action Plan or Containment of Antimicrobial resistance (RAPCAR), Day-1 and field visit in SIHFW, Jaipur. Multistakeholder Consultation Workshop for the Development of Rajasthan State Action Plan or Containment of Antimicrobial resistance (RAPCAR), Day-2 and field visit in SIHFW, Jaipur. • Study of Guidelines Regarding Brucellosis. • Field visit to SMS Medical College and Santokba Durlabji Memorial Hospital, Jaipur. • Medical and Health Minister Shri Gajendra Singh reviewing the preparedness for seasonal diseases in Khinvsar. • Visit to the 2 different UPHC and CHC to evaluate with the IHIP Reporting. • Went to 3 different hospitals in Jaipur for review of the medical officers, patients and ANM. • Provided training to the staff of the UPHC Jamdoli about the IHIP Reporting .
Linking theory (Classroom learning) with practice at your organisation	• Different aspects of Public Health studied in the classroom helped develop a better understanding of the National Health

	Programs along with the issues prevailing in the society. • The knowledge of the structure and working of public health Systems and several other Health institutions helped to better understand the framework. • Effective patients' communication plays an important role in medical centre. Communication theories such as the transition model of communication can help me to improve between healthcare professionals and patients. • Classroom learning including material development for information education and communication has been applied to practical activities within the hospital. • The health belief model is theoretical framework that may be utilised for analysing the patient's behaviour views and satisfaction.
Gaps identified on the working area.	• They were not provided with proper commodities to meet required IHIP Reporting. • This is creating a negligence from their side to observe and undertake required Surveillance. • A shortage of IEC (Information, Education, and Communication) materials, lack of patient privacy, and inadequately trained staff. Additionally, needles were being broken on tables without using cotton or spirit, which was unavailable. There was a lack of a lab technician available round the clock and no mobile medical unit. Necessary rooms were not maintaining the required temperatures, and there was a notable unavailability of fire extinguishers despite periodic training on their use. Poor hygiene practices were observed, and most staff were not trained or aware of the procedures outlined in the SOPs. These gaps underscore the urgent need for improvements to ensure quality healthcare delivery.
Suggestions for improvement	• Focus on the Human Resources. • New Staffs Training. • Develop and distribute a comprehensive IEC material supply plan, partnering with health education organizations to create, print, and integrate digital IEC tools for broader reach. • Organize regular training sessions and workshops to improve staff skills and knowledge and develop a continuous professional

	development program focusing on practical skills and updated procedures. • Ensure at least one lab technician is available 24/7 by implementing a shift system, recruiting additional lab technicians if needed, and creating a rotational duty roster to cover all hours. • Install fire extinguishers in all critical areas, ensure they are regularly inspected, and conduct periodic fire safety drills and training sessions for all staff members. • Implement strict hygiene protocols, conduct regular cleanliness audits, provide adequate cleaning supplies, and train staff on proper hygiene practices.
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