

**Department of Community Medicine**  
**4<sup>th</sup> Semester(2015 batch) Theory Class Schedule**

Sl.No.	Date	Topic	Faculty/SRD
1.	5/01/2017	<b>Epidemiology:</b> Definition, Concept of rate, ratio & Proportion, Different mortality indicators/morbidity indicators	Dr Kaushik Talukdar
2.	6/1/17	Direct & indirect standardization incidence & prevalence, death certificate, definition	Dr Himashree Bhattacharyya
3.	12/1/17	Different epidemiological studies: classification descriptive epidemiology time, place and person distribution of disease frequency;	Dr Pallavi Boro
4.	13/1/17	Case Control Study: how to design case control study matching, confounding factor, odds ratio, advantages & disadvantages, Bias	Dr Amrita Sarkar
5.	19/1/17	Cohort study: how to design a cohort study RR, attributable Risk advantage & disadvantages, Bias, difference between case control & cohort study ; Example of cohort study	Dr Star Pala
6.	20/1/17	RCT – Steps in designing a RCT, randomization, Types of RCT with example	Dr Kaushik Talukdar
7.	26/1/17	Association & Causation of disease: Hill's criteria	Dr Pallavi Boro
8.	27/1/17	Outbreak, epidemic, endemic, pandemic, nosocomial infection, period, serial interval, SAR, latent period, generation time, incubation period – Definition of Epidemiology	Dr Amrita Sarkar
9.	16/3/17	Investigation of outbreak/epidemic - Different Steps - Discuss with example	Dr Pallavi Boro
10.	23/3/17	Different Modes of transmission of disease, biological transmission Example of modes of disease transmission	Dr Kaushik Talukdar
11.	30/3/17	Herd immunity, vaccines, cold chain( cold chain equipments)	Dr Star Pala
12.	6/4/17	AEFI- Types; different steps of reporting AEFI Immunization Schedule (NIS)	Dr Himashree Bhattacharyya
13.	13/4/17	Isolation, quarantine: different types	Dr Amrita Sarkar
14.	20/4/17	Disinfection – different types	Dr Star Pala

15.	27/4/17	Screening of disease – difference between screening and diagnostic test; basic criteria for screening test sensitivity/specificity:	Dr Kaushik Talukdar
16.	4/5/17	Measles/chicken pox – Epidemiology, Clinical feature, Prevention	Dr Amrita Sarkar
17.	11/5/17	ARI – Pneumonia - Epidemiology, Clinical feature, Prevention	Dr Pallavi Boro
18.	18/5/17	Influenza	Dr Himashree Bhattacharyya
19.	25/5/17	<b>Tuberculosis (2 classes):</b> epidemiology and disease burden India and northeast region Epidemiological indices and case definitions; Natural history of TB;	Dr Star Pala
20.	1/6/17	CONTROL OF TB: diagnosis and management of TB DOTS and DOTS PLUS for MDR-TB XDR TB	Dr G.K Medhi
21.	8/6/17	Poliomyelitis – I Epidemiological determinants ; prevention Strategies for polio eradication in India AFP surveillance	Dr Kaushik Talukdar
22.	15/6/17	Acute diarrhea diseases: clinical types; epidemiological determinants Control of diarrheal diseases:	Dr Amrita Sarkar
23.	22/6/17	Viral Hepatitis: Hep A/B/C/E	Dr Pallavi Boro
24.	29/6/17	Typhoid fever: epidemiological determinants ;prevention and control	Dr Himashree Bhattacharyya