

Department of Community Medicine

SRM Medical College Hospital and Research Centre

MBBS CLASS SCHEDULE FOR THE MONTH OF MARCH 2017

1. 3RD SEMESTER PRACTICAL SCHEDULE (2015 ADDITIONAL BATCH)

| S.NO | DATE | TOPIC | FACULTY |
|------|----------|--|---------------------|
| 1. | 09.03.17 | Introduction to COP, Objectives of the posting, General Instructions, Record | Dr.G.Vijayakrishnan |
| 2. | 10.03.17 | Water Models and Demonstration Sanitary / Insanitary / Deep / Shallow Well Purification of Water – Large scale / small scale. Slow/ Rapid Sand filters / Domestic filter Chlorination – Bleaching Powder, Horrocks apparatus, OT test, Chloroscope, Chlorine Tablets Disinfection of well Problem Solving | Dr. Ramkumar |
| 3. | 13.03.17 | Waste Disposal - Demonstration Service Latrines – Rubbish cart wheel burrow, Sewage cart Sanitary Latrines – Low cost sanitary latrines, Bore well Latrine, Dug well latrine, Trench Latrine Water Seal – Closet Indian / Western, Water trap, Underground sewer, Sanitary House Soakage pit, Septic Tank, Septic tank Installation Sanitary Diary, Sanitary Slaughter House, Bio gas plant | Dr. Dinesh kumar |
| 4. | 14.03.17 | Visit to ICDS center | Dr. Anantharaman |
| 5. | 15.03.17 | Food Adulteration, additives, fortification, Lactometer Prevention of Food Adulteration Act / Food Standards Demonstration of food adulterants / food additives / fortified food | Dr.Sathiyarayanan |
| 6. | 16.03.17 | Nutritional requirements of different age groups Balanced Diet and Dietary Goals | Dr. Rajan |

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| | | Diet survey - 24 hr recall Nutritional Factors in selected diseases Exercise - calculation of caloric values in diseases Exercise - calculation of caloric value | |
| 7. | 17.03.17 | Visit to hospital CSSD | Dr.Balaji |
| 8. | 18.03.17 | Visit to water treatment plant | Dr.Dinesh Kumar |
| 9. | 20.03.17 | Visit to Sewage treatment plant | Dr.Dinesh kumar |
| 10. | 21.03.17 | Definition, Classification of foods Nutrients – As per Record Book Nutrition profiles of principal food items(raw) per 100 gm of edible portion Demonstration of nutrition specimens | Dr.Rajan |
| 11. | 22.03.17 | Meteorological instruments - Demonstration Kata thermometer, Globe Thermometer, Sling Psychrometer, Maximum and Minimum Thermometer, Dial Thermometer, Anemometer, Ventilators, Rain Gauge. | Dr.Swapna Kiran |
| 12. | 23.03.17 | Entomology specimens demonstration and methods of control- As per Record Book | Dr.Logaraj |
| 13. | 24.03.17 | Nutritional requirements of different age groups Balanced Diet and Dietary Goals Diet survey - 24 hr recall Nutritional Factors in selected diseases Exercise - calculation of caloric values in diseases Exercise - calculation of caloric value | Dr. Anantharaman |
| 14. | 25.03.17 | Biomedical Waste Disposal – Demonstration Bio hazard sign, Incinerator, Red, Yellow, Black bags, needle cutter, needle disposal can, management of spills, disposal of hospital waste Universal safety Precautions VISIT- HOSPITAL WASTE DISPOSAL | Dr.Ramkumar |
| 15. | 27.03.17 | Parasitological, Bacteriology Helminthological specimens and methods of control , Insecticides, Rodenticide &Herbicides, Antiseptics and Disinfectants as per record notebook | Dr.Swapna Kiran |

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| 16. | 28.03.17 | Visit to SRM – Blood Bank | Dr.Vijayakrishnan |
| 17. | 30.03.17 | Visit to RHTC Mamandur | Dr.Sathiyarayanan |
| 18. | 31.03.17 | Visit to SRM Dietics Department | Dr.Ramkumar |

2. 3RD SEMESTER THEORY SCHEDULE (2015 ADDITIONAL BATCH)

| Sl. No. | DATE | TOPIC | FACULTY |
|----------------|-------------|--|-------------------|
| 1. | 03.03.17 | Principles of Epidemiology <ul style="list-style-type: none"> • Definition, Aim, Epidemiologic Approach Basic Measurements of Epidemiology <ul style="list-style-type: none"> • Tools of measurement – Rate, Ratio & Proportions | Dr Vijayakrishnan |
| 2. | 10.03.17 | Measurement of Mortality <ul style="list-style-type: none"> • Mortality Rates & Ratios – Crude death rate, Specific death rates, Case fatality rate(Ratio), Proportional Mortality rate (Ratio), Survival rate, Adjusted or Standardized Rates | Dr Sathiyarayanan |
| 3. | 17.03.17 | Measurement of Morbidity <ul style="list-style-type: none"> • Incidence – Incidence rate, special incidence rates, Uses • Prevalence – Point prevalence, Period prevalence, Relation between incidence & prevalence, Uses | Dr Swapna Kiran |
| 4. | 24.03.17 | Classification of Epidemiologic Studies Descriptive Epidemiology <ul style="list-style-type: none"> • Time(Types of epidemics), place(Spot map) & person distribution, Uses | Dr Dinesh Kumar |
| 5. | 31.03.17 | Analytical Study - Case Control study <ul style="list-style-type: none"> • Steps, Bias, Advantages, Disadvantages, Examples | Dr Ramkumar |

3. IV SEMESTER 2015 REGULAR BATCH PRACTICAL SCHEDULE

| SL. No. | DATE | DAY | TOPIC | FACULTY |
|---------|----------|-----|---|-------------------|
| 1. | 01.03.17 | Wed | Case control study <ul style="list-style-type: none"> • Odds ratio <i>Epidemiological Problems</i> | Dr.Vijayakrishnan |
| 2. | 02.03.17 | Thu | Cohort study <ul style="list-style-type: none"> • Relative risk, attributable risk & population attributable risk <i>Epidemiological Problems</i> | Dr.Sathiyarayanan |
| 3. | 03.03.17 | Fri | Screening - Concepts <ul style="list-style-type: none"> • Sensitivity, Specificity, Positive predictive value and Negative predictive value <i>Epidemiological Problems</i> | Dr. Swapna Kiran |
| 4. | 04.03.17 | sat | <ul style="list-style-type: none"> • Incidence rate, prevalence rate, Case fatality rates, disease specific death rate • TB – Incidence & Prevalence of Infection, Incidence & Prevalence of Disease <i>Epidemiological Problems</i> | Dr Dinesh Kumar |
| 5. | 06.03.17 | Mon | <ul style="list-style-type: none"> • Malaria and filarial indices <i>Epidemiological Problems</i> | Dr Ramkumar |
| 6. | 07.03.17 | Tue | <ul style="list-style-type: none"> • Introduction and application of Bio-statistics in medicine • Normal Distribution, Normal curve | Dr Christopher |
| 7. | 08.03.17 | Wed | <ul style="list-style-type: none"> • Types of Data – Qualitative, Quantitative • Data Presentation Techniques – Bar chart, Pie chart, Line diagram etc. | Dr Christopher |
| 8. | 09.03.17 | Thu | <ul style="list-style-type: none"> • Measures of Central tendency – Mean, Median, Mode • Measures of Dispersion – Range, Mean Deviation, Standard deviation <i>Biostatistics Problems</i> | Dr Christopher |
| 9. | 10.03.17 | Fri | <ul style="list-style-type: none"> • Standard error of mean, Standard error of difference between two means, Standard error of proportion, Standard error of difference between two proportions, 'Z' - Test <i>Biostatistics Problems</i> | Dr. Satkthivel |
| 10 | 13.03.17 | Mon | <ul style="list-style-type: none"> • Concepts of Hypothesis Testing - Null Hypothesis, Alternate hypothesis • Tests of Significance – alpha & beta errors • Statistical tests for testing the hypothesis - | Dr Sakthivel |

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| | | | Chi-Square test etc. <ul style="list-style-type: none"> Correlation and Regression Epidemiological Problems | |
| 11 | 14.03.17 | Tue | <ul style="list-style-type: none"> Sampling Techniques – Probability & Non Probability | Dr Sakthivel |
| 12 | 15.03.17 | Wed | <ul style="list-style-type: none"> Calculation of sample size – For calculation of Mean, Proportion, Difference between Means, Difference between Proportions | Dr Christopher |
| 13 | 16.03.17 | Thu | Demography <ul style="list-style-type: none"> Vital Statistics – CBR, CDR, GR MCH indicators - MMR, IMR, PMR, NNMR, Still birth rate etc. Epidemiological Problems | Dr. Anantharaman |
| 14 | 17.03.17 | Fri | <ul style="list-style-type: none"> National Immunization schedule Spotters Cold Chain (Concepts & Spotters) - Vaccine carrier, Ice pack, ILR, Cold box & other equipments Vaccines – Dose, Mode of administration, storage temp, Indications, Contra indications, Reactions, Specific information if any Others - AD syringes, BCG syringe, | Dr Rajan |
| 15 | 18.03.17 | Sat | <ul style="list-style-type: none"> Contraceptive methods - Condom Male, female, Lippe’s Loop, copper T, Oral pills, Diaphragm/ Cervical cap, Tubectomy model, Vasectomy model Demonstration of various contraceptives Evaluation of Contraceptive methods Omega Microstat syringe, Hagedorn Needle, Delivery kit, IFA tablets, Vitamin A solution, Growth Chart | Dr Balaji |
| 16 | 20.03.17 | Mon | Educational Visit - Leprosy Rehabilitation Centre | Dr Dinesh |
| 17 | 21.03.17 | Tue | Educational Visit - National Siddha Institute | Dr Vijayakrishnan |
| 18 | 22.03.17 | Wed | Educational Visit – Sub centre | Dr Sathiya Narayanan |
| 19 | 23.03.17 | Thur | Educational Visit - Govt. Primary Health Centre (PHC) | Dr Ramkumar |
| 20 | 24.03.17 | Fri | Educational Visit – DOTS centre & ICTC (SRM) | Dr Swapna Kiran |
| 21 | 25.03.17 | Sat | Record Review | Dr Ramkumar |
| 22 | 27.03.17 | Mon | Record Review | Dr.vijayakrishnan |

4. IV SEMESTER 2013 REGULAR BATCH THEORY SCHEDULE

| Sl. No. | DATE | TOPIC | FACULTY |
|---------|----------|--|-------------------|
| 6. | 03.03.17 | Principles of Epidemiology <ul style="list-style-type: none"> • Definition, Aim, Epidemiologic Approach Basic Measurements of Epidemiology <ul style="list-style-type: none"> • Tools of measurement – Rate, Ratio & Proportions | Dr Vijayakrishnan |
| 7. | 10.03.17 | Measurement of Mortality <ul style="list-style-type: none"> • Mortality Rates & Ratios – Crude death rate, Specific death rates, Case fatality rate(Ratio), Proportional Mortality rate (Ratio), Survival rate, Adjusted or Standardized Rates | Dr Sathiyarayanan |
| 8. | 17.03.17 | Measurement of Morbidity <ul style="list-style-type: none"> • Incidence – Incidence rate, special incidence rates, Uses • Prevalence – Point prevalence, Period prevalence, Relation between incidence & prevalence, Uses | Dr Swapna Kiran |
| 9. | 24.03.17 | Classification of Epidemiologic Studies Descriptive Epidemiology <ul style="list-style-type: none"> • Time(Types of epidemics), place(Spot map) & person distribution, Uses | Dr Dinesh Kumar |
| 10. | 31.03.17 | Analytical Study - Case Control study <ul style="list-style-type: none"> • Steps, Bias, Advantages, Disadvantages, Examples | Dr Ramkumar |

5. 6TH SEMSTER 2014 REGULAR BATCH PRACTICAL POSTING SCHEDULE

| Sl. No. | Date | Day | Topic | Faculty |
|---------|----------|------------|--|----------------------|
| 1. | 01.03.17 | Wed | Postnatal Case | Dr. Ramkumar B |
| 2. | 02.03.17 | Thu | Leprosy/Scabies/Impetigo | Dr. G. Dinesh Kumar |
| 3. | 03.13.17 | Fri | Filariasis/Rheumatic Heart Disease/ADD | Dr. Vijayakrishnan G |
| 4. | 04.03.17 | Sat | Internal Evaluation | All Staffs |
| 5. | 05.03.17 | <i>Sun</i> | <i>Sunday - Holiday</i> | |

6. 6TH SEMESTER 2014 REGULAR BATCH THEORY SCHEDULE

| Sl. No. | Date | Day | Topic | Faculty |
|---------|----------|-----|---|------------------------|
| 1. | 01.03.17 | Wed | <u>Mumps, Measles, Rubella</u> <ul style="list-style-type: none"> • Problem Statement, Epidemiological Determinants, Clinical Features, Prevention & Control • Immunization, MR Vaccine Campaign - 2017 | Dr S Sathiya Narayanan |
| 2. | 03.03.17 | Fri | <u>Influenza</u> <ul style="list-style-type: none"> • Avian, Pandemic Influenza A (H1N1) 2009 – Antiviral Rx and Chemoprophylaxis • SARS | Dr Rajan Rushender |
| 3. | 08.03.17 | Wed | <u>Diphtheria, Whooping Cough, Meningococcal Meningitis</u> <ul style="list-style-type: none"> • Problem Statement, Epidemiological Determinants, Clinical Features, Prevention & Control | Dr Swapna Kiran |
| 4. | 10.03.17 | Fri | <u>Acute Respiratory Infections</u> <ul style="list-style-type: none"> • Epidemiology, Classification, Treatment, Prevention & Control | Dr Dinesh Kumar |
| 5. | 15.03.17 | Wed | <u>Tuberculosis</u> <ul style="list-style-type: none"> • Problem statement, Epidemiological Indices, Definitions, Natural History, Case finding (Investigations), Tuberculin Test | Dr Balaji R |
| 6. | 17.03.17 | Fri | <u>Revised National Tuberculosis Control Programme (RNTCP)</u> <ul style="list-style-type: none"> • Organization, Lab Network, Objectives, Diagnostic Criteria, Category, DOTS Regimen, PMDT, BCG Vaccination, TB & HIV, TB & Diabetes • Critical Analysis of the Program | Dr Balaji R |
| 7. | 22.03.17 | Wed | ❖ Intestinal Infections <u>Poliomyelitis</u> <ul style="list-style-type: none"> • Epidemiological Determinants, Current status, Prevention – OPV & IPV | Dr Logaraj M |
| 8. | 24.03.17 | Fri | <u>National Polio Surveillance Project (NPSP)</u> <ul style="list-style-type: none"> • Objectives & Strategies, Pulse Polio Immunization, Vaccine Derived Polio Virus (VDPV), AFP Surveillance, Strategies for Eradication, Line listing, Mopping Up • Critical Analysis of the Program | Dr Logaraj M |
| 9. | 29.03.17 | Wed | <i>Telugu New Years Day – Holiday</i> | |
| 10 | 31.03.17 | Fri | <u>Viral Hepatitis</u> <ul style="list-style-type: none"> • Types, Epidemiology, Serological sequence, Clinical course, Prevention - Vaccination | Dr Ramkumar B |

7. 7TH SEMSTER 2013 ADDITIONAL BATCH POSTING SCHEDULE

| Sl. No | DATE | Day | TOPIC | FACULTY |
|--------|------------|----------------------------------|--|----------------------------|
| 1 | 01.03.2017 | Wed | Case Presentation - Antenatal Mother/ Post natal Mother | Dr. V. V. Anantharaman |
| 2 | 02.03.2017 | Thu | Case Presentation - Acute Respiratory Infection/ Acute diarrhoeal disease/ PEM | Dr. Swapnakiran |
| 3 | 03.03.2017 | Fri | Case Presentation - TB / Leprosy | Dr. G. Vijayakrishnan |
| 4 | 04.03.2017 | Sat | Case Presentation – Hypertension / Diabetes | Dr. Sathiyarayanan |
| 5 | 05.03.2017 | Sunday - Holiday | | |
| 6 | 06.03.2017 | Mon | Case Presentation - Fever – (Malaria, Filariasis , Typhoid, HIV,, Dengue, Leptospirosis, Chikungunya) | Dr. R. Balaji |
| 7 | 07.03.2017 | Tue | Revision Practicals - Water (Models & Problem Solving) Disposal of Waste, Biomedical Waste Insecticides, Rodenticides, Antiseptics, Disinfectants | Dr. B. Ramkumar |
| 8 | 08.03.2017 | Wed | Revision Practicals Meteorology Specimens – Entomology, Parasitology, Bacteriology, Helminthology | Dr. G. Dinesh kumar |
| 9 | 09.03.2017 | Thu | Revision Practicals - Nutrients, Adulterants, Additives, Fortification, Models Calculation of caloric value, Problem solving | Dr. C. Rajan Rushender |
| 10 | 10.03.2017 | Fri | Revision Practicals –Immunization, Family Planning, MCH Spotters | Dr. C. Rajan Rushender |
| 11 | 11.03.2017 | Second Saturday - Holiday | | |
| 12 | 12.03.2017 | Sunday - Holiday | | |
| 13 | 13.03.2017 | Mon | Revision Practicals – Epidemiological Exercises I | Dr. V. V. Anantharaman |
| 14 | 14.03.2017 | Tue | Revision Practicals – Biostatistics Exercises I | Dr. V. Christopher Amalraj |
| 15 | 15.03.2017 | Wed | Practical test | Dr.C. Rajan /Dr.G. Dinesh |

8. 7TH SEMESTER 2013 ADDITIONAL BATCH THEORY SCHEDULE

| S. No. | DATE | DAY | TOPIC | FACULTY |
|--------|-------------------|------------|---|------------------------|
| 10 | 01.03.2017 | WED | <p>Health System in India – Centre, State and District Level, Panchyat Raj, Rural Development</p> <p>Health Care Systems in India - Public (no details of primary Health Care) , Private, Indigenous, Voluntary Health Agencies</p> | Dr. G. Vijayakrishnan |
| 11 | 03.03.2017 | FRI | <p>Levels of health care</p> <p>Changing concepts of health care</p> <p>Elements and principles of primary health care</p> <p>Primary Health Care in India – Primary Health Centres</p> | Dr. Swapnakiran |
| 12 | 08.03.2017 | WED | <p>Health for All</p> <p>Millennium Development Goals</p> | Dr. B. Ramkumar |
| 13 | 10.03.2017 | FRI | International health | Dr. V. V. Anantharaman |
| 14 | 15.03.2017 | WED | National Rural Health Mission | Dr. R. Balaji |
| 15 | 17.03.2017 | FRI | RCH Programme | Dr. Sathiyarayanan |
| 16 | 18.03.2017 | Sat | 2nd Internal Assessment Test | Dr. G. Vijayakrishnan |
| 17 | 22.03.2017 | WED | National program for control of cardiovascular diseases, diabetes, cancer and stroke | Dr. Swapnakiran |
| 18 | 24.03.2017 | FRI | <p>Revision- National Health Programmes</p> <p>National Vector Borne Disease Control Programme</p> <p>National Filariasis, Kala Azar, JE, Dengue</p> | Dr. V. V. Anantharaman |
| 19 | 29.03.2017 | WED | TELUGU NEW YEAR | |
| 20 | 31.03.2017 | FRI | <p>Revision – National Health Programmes</p> <p>Leprosy Eradication</p> <p>RNTCP</p> | Dr. G. Dinesh Kumar |