

Enclosure : VIII

M.B.B.S. 2015 – 2016 Batch

Lecture and practicals for the above mentioned students.

Lecture Programme :

| <u>Time</u> | <u>Monday</u> | <u>Wednesday</u> | <u>Friday</u> |
|---------------|----------------------------|------------------|----------------|
| 8.15 – 9.15 | Phy. Lecture | Phy. Lecture | Phy. Lecture |
| 9.15 – 10.15 | Phy. Lecture | Phy. Lecture | Phy. Lecture |
| | <u>SHORT RECESS</u> | | 10.15 – 10.30 |
| 10.30 – 11.30 | Biochem.Lect. | Biochem. Lect. | Biochem. Lect. |
| 11.30 – 12.30 | Phy. Lecture. | Biochem. Lect. | Phy. Lecture. |

PRACTICAL PROGRAMME :

| <u>Monday</u> | <u>Wednesday</u> | <u>Friday</u> |
|---------------|------------------|---------------|
| Practicals | Practicals | Practicals |
| 1.30 – 4.30 | 1.30 – 4.30 | 1.30 – 4.30 |

Half an hour tutorial from 1.30 pm to 2.00 pm

For practicals, the students are divided into 3 batches

A, B, C which will be rotated as follows :

First day of cycle
A- Biochemistry practical
B- Experimental practical
C- Clinical practical

Second day of cycle
C- Biochemistry practical
A- Experimental practical
B- Clinical practical

Third day of cycle
B- Biochemistry practical
C- Experimental practical
A- Clinical practical

Batch A Roll Nos. 1-35, Batch B Roll Nos. 36-70, Batch C Roll Nos. 71-100

DEPARTMENT OF BIOCHEMISTRY

1st M.B.B.S Lecture Programme 2016-2017 Batch (AUGUST)

| Date | Time | Topic & Lecture No. | Teacher |
|-------------------------|------------------------------|--------------------------------|------------------|
| 03/08/2016 Wednesday | 10.30 am – 11.00 am | Introduction | Dr. P. W. Ingale |
| | 11.00 am – 12.30 pm | Cell (1) | Dr. K.A. Dipnaik |
| | 1.30 pm – 4.00 pm | No Practicals | |
| 05/08/2016 Friday | 10.30am – 11.30 am | Carbohydrate Chemistry (1) | Dr. Bina Dias |
| | 01.30 pm – 04.00 pm | No Practicals | |
| 08/08/2016 Monday | NO LECTURES NO PRACTICALS | | |
| 10/08/2016 Wednesday | NO LECTURES NO PRACTICALS | | |
| 12/08/2016 Friday | 10.30am – 11.30 am | Carbohydrate Chemistry (2) | Dr Bina Dias |
| | 01.30 pm – 04.00 pm | Laboratory Orientation | Dr. Pooja Rai |
| 19/08/2016 Friday | 10.30am – 11.30 am | Lipid Chemistry (1) | Dr. Pooja Rai |
| | 01.30 pm – 04.00 pm | Laboratory Orientation | Dr. Pooja Rai |
| 22/08/2016 Monday | 10.30 am – 11.30 am | Lipid Chemistry(2) | Dr. Pooja Rai |
| | 01.30 pm – 04.00 pm | Laboratory Orientation | Dr. Pooja Rai |
| 24/08/2016 Wednesday | 10.30am – 11.30 am | Carbohydrate Chemistry (3) | Dr Bina Dias |
| | 11.30 am – 12.30 pm | Lipid Chemistry(3) | Dr. Pooja Rai |
| | 01.30 pm – 04.00 pm | Tests for Monosaccharides | |
| 26/08/2016 Friday | 10.30am – 11.30 am | Lipid Chemistry (4) | Dr. Pooja Rai |
| | 01.30 pm – 04.00 pm | Tests for Monosaccharides | |
| 29/08/2016 Monday | 10.30 am – 11.30 am | Carbohydrate Chemistry (4) | Dr Bina Dias |
| | 01.30 pm – 04.30 pm | Tests for Monosaccharides | |
| 31/08/2016 Wednesday | ANATOMY DAY | | |

DEPARTMENT OF BIOCHEMISTRY

1st M.B.B.S Lecture Programme 2016-2017 Batch (SEPTEMBER)

| Date | Time | Topic & Lecture No. | Teacher |
|----------------------|---------------------|-------------------------------------------------------|----------------|
| 02/09/2016 Friday | 10.30am – 11.30 am | Carbohydrate Chemistry (5) | Dr Bina Dias |
| | 01.30 pm – 04.30 pm | Tests for Disaccharides, Polysaccharides and Osazones | |

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|-------------------------|---------------------|---------------------------------------------------------------------------------------------|-------------------|
| 06/09/2016 Tuesday | 10.30 am – 11.30 am | Protein Chemistry (1) | Dr. P. W. Ingale |
| | 11.30 am – 12.30 pm | Nucleic Acid Chemistry (1) | Dr. S. D. Mane |
| | 01.30 pm – 04.00 pm | Tests for Disaccharides, Polysaccharides and Osazones | |
| 07/09/2016 Wednesday | 09.15 am – 10.15 am | Protein Chemistry (2) | Dr. P. W. Ingale |
| | 01.30 pm – 04.00 pm | Tests for Disaccharides, Polysaccharides and Osazones | |
| 09/09/2016 Friday | 10.30am – 11.30 am | Protein Chemistry (3) | Dr. P.W. Ingale |
| | 01.30 pm – 04.00 pm | Precipitation and colour reactions of proteins | |
| 12/09/2016 Monday | 10.30am – 11.30 am | Nucleic Acid Chemistry (2) | Dr. S. D. Mane |
| | 01.30 pm – 04.00 pm | Precipitation and colour reactions of proteins | |
| 14/09/2016 Wednesday | 10.30am – 11.30 am | Protein Chemistry (4) | Dr. P.W. Ingale |
| | 11.30 am – 12.30 pm | Nucleic Acid Chemistry (3) | Dr. S. D. Mane |
| 16/09/2016 Friday | 01.30 pm – 04.00 pm | Precipitation and colour reactions of proteins | |
| | 10.30am – 11.30 am | Nucleic Acid Chemistry (4) | Dr. S. D. Mane |
| | 01.30 pm – 04.00 pm | Viva on cell, carbohydrate and protein chemistry. Practicals- Normal constituents of urine. | |
| 20/09/2016 Tuesday | 10.30am – 11.30 am | Enzymes (1) | Dr. K. A. Dipnaik |
| | 01.30 pm – 04.00 pm | Viva on cell, carbohydrate and protein chemistry. Practicals- Normal constituents of urine. | |
| 21/09/2016 Wednesday | 10.30am – 11.30 am | Nucleic Acid Chemistry (5) | Dr. S. D. Mane |
| | 11.30 am – 12.30 pm | Enzymes (2) | Dr. K. A. Dipnaik |
| | 01.30 pm – 04.00 pm | Viva on cell, carbohydrate and protein chemistry. Practicals- Normal constituents of urine. | |
| 23/09/2016 Friday | 10.30am – 11.30 am | Fat Soluble Vitamins (1) | Dr. K. N. Dave |
| | 01.30 pm – 04.00 pm | Abnormal constituents of urine | |
| 26/09/2016 Monday | 10.30am – 11.30 am | Fat Soluble Vitamins (2) | Dr. K. N. Dave |

| | | | |
|------------------------|---------------------|-------------------------------------------------------------------------------|-------------------|
| | 01.30 pm – 04.00 pm | Abnormal constituents of urine | |
| 29/09/2016 Thursday | 10.30am – 11.30 am | Enzymes (3) | Dr. K. A. Dipnaik |
| | 11.30 am – 12.30 pm | Fat Soluble Vitamins (3) | Dr. K. N. Dave |
| | 01.30 pm – 04.00 pm | Abnormal constituents of urine | |
| 30/09/2016 Friday | 10.30am – 11.30 am | Enzymes (4) | Dr. K. A. Dipnaik |
| | 01.30 pm – 04.00 pm | Colorimetry & Blood Pigments Viva on Lipid Chemistry & Nucleic Acid Chemistry | |

M.D. BIOCHEMISTRY SEMINARS

| S.no. | Topic | Presenter | Date |
|-------|---------------------------------------------------------------------|---------------------------|---------------------------------|
| 1 | Haemoglobinopathies | Dr. Dipti Tiwari | 6 th October, 2016 |
| 2 | Journal Club/ Case Study | Dr. Shubhangi Wankhade | 13 th October, 2016 |
| 3 | Thyroid – General Aspects | Dr. Minal Pore | 24 th November, 2016 |
| 4 | Journal Club / Case Study | Dr. Tarunima Gupta | 1 st December, 2016 |
| 5 | Gonadal Hormones – General Aspects | Dr. Dipti Tiwari | 8 th December, 2016 |
| 6 | Journal Club/ Case Study | Dr. Shubhangi Wankhade | 15 th December, 2016 |
| 7 | Thyroid – Lab diagnosis | Dr. Minal Pore | 22 nd December, 2016 |
| 8 | Journal Club/ Case Study | Dr. Vibha Sakhare | 29 th December, 2016 |
| 9 | Gonadal Hormones – Lab Diagnosis | Dr. P77Shubhangi Wankhade | 5 th January, 2016 |
| 10 | Journal Club/ Case Study | Dr. Dipti Tiwari | 12 th January, 2016 |
| 11 | Adrenal Hormones –General Aspects | Dr. Minal Pore | 19 th January, 2016 |
| 12 | Journal Club/ Case Study | Dr. Tarunima Gupta | 2 nd February, 2016 |
| 13 | Adrenal Hormones – Lab diagnosis | Dr. Dipti Tiwari | 9 th February, 2016 |
| 14 | Journal Club/ Case Study | Dr. Shubhangi Wankhade | 16 th February, 2016 |
| 15 | Hypothalamic and Pituitary hormones (Growth hormone, ADH, Oxytocin) | Dr. Tarunima Gupta | 23 rd February, 2016 |
| 16 | Journal Club/ Case Study | Dr. Minal Pore | 2 nd March, 2016 |
| 17 | Pancreatic Hormones | Dr. Vibha Sakhare | 9 th March, 2016 |
| 18 | Journal Club/ Case Study | Dr. Shubhangi Wankhade | 16 th March, 2016 |
| 19 | Beta oxidation | Dr. Minal Pore | 23 rd March, 2016 |

| Date | Time | Lecture Topic / Practical Experiment | Teacher |
|-------------|------------------|-------------------------------------------------------------------------------------------------------------|------------------------|
| 05/10/2016 | 1.30pm - 2.30pm | Carbohydrate Chemistry | Dr. Bina Dias |
| | 2.30pm – 3.30pm | Lipid Chemistry | Dr. Pooja Rai |
| 06/10/2016 | 1.30pm – 4.00pm | Precipitation and colour reactions of proteins. | Dr. Dipti Tiwari |
| 13/10/2016 | 1.30pm – 4.00pm | Normal constituents of urine | Dr. Minal Pore |
| 19/10/2016 | 1.30pm – 2.30pm | Specimen collection, preservation of specimens and anticoagulants. | Dr. Minal Pore |
| | 2.30pm – 3.30pm | Different types of glassware, their use, care and maintenance. | Dr. Namrata Raul |
| 20/10/2016 | 1.30pm – 4.00pm | Abnormal constituents of urine. | Dr. Shubhangi Wankhade |
| 02/11/2016 | 1.30pm – 2.30pm | Protein Chemistry | Dr. Namrata Raul |
| | 2.30pm – 3.30pm | Nucleic acid chemistry | Dr. Shraddha More |
| 03/11/2016 | 1.30pm – 3.00p.m | Colorimeter and spectrophotometer | Dr. Minal Pore |
| 09/11/2016 | 1.30pm – 2.30pm | Protein chemistry | Dr. Namrata Raul |
| | 2.30pm – 3.30pm | Type, use, care and maintenance of oven, incubator, centrifuges, Analytical balances. | Dr. Dipti Tiwari |
| 10/11/2016 | 1.30pm – 4.00pm | Standardization and estimation of Total Protein | Dr. Namrata Raul |
| 16/11/2016 | 1.30pm – 2.30pm | Type, use, care and maintenance of Refrigerator, Deep Freezer, Water bath, Distillation unit and microscope | Dr. Shubhangi Wankhade |
| | 2.30pm – 3.30pm | Flame Photometry | Dr. Shraddha More |
| 17/11/2016 | 1.30pm – 4.00pm | Standardization and estimation of Serum Albumin | Dr. Shraddha More |

**PLEASE INCLUDE THIS UNDER THE EXISTING MATTER OF
WORKLOAD**

[Home](#) > [LTMG Hospital](#) > [Departments](#) > [Biochemistry](#) > [Workload](#)

Number of tests performed in September 2016

| Test | Sept |
|--------------|--------------|
| SUGAR | 7586 |
| T. BILI | 3128 |
| D. BILI | 1390 |
| AST | 3429 |
| ALT | 3537 |
| ALP | 3758 |
| TP | 3253 |
| ALB | 3254 |
| BUN | 3363 |
| CREAT | 3356 |
| Ca | 2238 |
| IP | 1933 |
| UA | 1367 |
| TG | 2001 |
| CHOL | 1900 |
| TOTAL | 45493 |

| Test | Sept |
|-------------|-------------|
| LDH | 1326 |
| AMY | 564 |
| HDL | 300 |
| Na(ISE) | 4187 |
| K(ISE) | 4187 |
| Cl(ISE) | 1522 |
| Na(FLM) | 2153 |
| K(FLM) | 2153 |
| UR.PRO | 112 |
| UR.MYO | 4 |
| AMMO. | 140 |
| Mg | 841 |
| LIPASE | 533 |
| VMA | 2 |

| | |
|--------------|--------------|
| CRP | 200 |
| IRON | 105 |
| UIBC | 145 |
| FERRETIN | 223 |
| ADA | 196 |
| TOTAL | 18893 |

Emergency Laboratory

| Name of Test | Sept. |
|---------------------|--------------|
| ABG + Elect. | 7213 |
| Serum Electrolytes | 5940 |
| RBS | 4256 |
| BUN | 6239 |
| Creatinine | 6239 |
| Bilirubin | 95 |
| Amylase | 34 |
| Total : | 30016 |