



**AMRITA INSTITUTE OF MEDICAL SCIENCES AND RESEARCH CENTRE**

**AIMS Ponekkara P.O. Kochi-41**

## **DEPARTMENT OF BIOCHEMISTRY**

**PG TEACHING SCHEDULE FOR THE MONTH OF JULY 2025**

**THEORY (TIME: 2 PM – 3 PM)**

| <b>DATE</b> | <b>TOPIC</b>           | <b>FACULTY</b>          |
|-------------|------------------------|-------------------------|
| 08.07.2025  | Cell cycle Part 2      | Dr. Sajitha.Krishnan    |
| 14.07.2025  | Cell transport Part 2  | Dr. Sumithra N Unni     |
| 19.07.2025  | Cell signalling Part 2 | Dr. Purnima Eliz Thomas |
| 25.07.2025  | Apoptosis Part 2       | Dr. Sajitha.Krishnan    |

**CLINICAL BIOCHEMISTRY POSTING (TIME 10 AM – 1 PM)**

| <b>DATE</b> | <b>TOPIC</b>  | <b>FACULTY</b>                                                           |
|-------------|---------------|--------------------------------------------------------------------------|
| 07. 07.2025 | EQAS          | Dr. Sajitha.Krishnan,<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas |
| 12. 07.2025 | ELISA         | Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas                          |
| 17.07.2025  | IQC           | Dr. Sajitha.Krishnan,<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas |
| 23.07.2025  | Kappa & Lamda | Dr. Sajitha.Krishnan,<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas |

**SEMINAR (TIME: 12 PM – 1 PM)**  
**(Attendees: All faculties and PGs)**

| DATE       | TOPIC                                        | PRESENTER            | FACULTY                                                                                                                                                    |
|------------|----------------------------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 15.07.2025 | Colorimetry                                  | Dr. Elizabeth Thomas | Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas<br>Dr. Gayathri,<br>Ms. Reshmy G S,<br>Ms. Mrudula E V,<br>Dr. Pooja<br>Dr. Anand                          |
| 18.07.2025 | Sample collection( blood) part 2             | Dr. Pooja Prasannan  | Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas<br>Dr. Gayathri,<br>Ms. Reshmy G S,<br>Ms. Mrudula E V,<br>Dr. Pooja<br>Dr. Anand                          |
| 21.07.2025 | Sample collection( other body fluids) part 2 | Dr. Pooja Prasannan  | Dr. Sajitha.Krishnan,<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas<br>Dr. Gayathri,<br>Ms. Reshmy G S,<br>Ms. Mrudula E V,<br>Dr. Pooja<br>Dr. Anand |

**JOURNAL CLUB (TIME: 2 PM – 4 PM)**  
**(Attendees: All faculties and PGs)**

| DATE       | TOPIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | PRESENTER            | FACULTY                                                                                                                                                    |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 03.07.2025 | Singhania N, Devi KB, Kaur J, Bhansali A, Gorski U, Sachdeva N, Arora S, Rai A, Walia R. Effect of Combined Low Dose Human Gonadotrophic Hormone, Follicle Stimulating Hormone, and Testosterone Therapy (LFT Regimen) Versus Conventional High Dose Human Gonadotrophic Hormone and Follicle Stimulating Hormone on Spermatogenesis and Biomarkers in Men with Hypogonadotropic Hypogonadism. Endocr Pract. 2024 Oct;30(10):978-986. doi: 10.1016/j.eprac.2024.07.007. Epub 2024 Jul 25. PMID: 39025301. | Dr. Elizabeth Thomas | Dr. Sajitha.Krishnan,<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas<br>Dr. Gayathri,<br>Dr. Pooja,<br>Dr. Anand<br>Ms. Reshmy G S,<br>Ms. Mrudula E V |

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|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 07.07.2025 | Indications des E.F.R. (Epreuves Fonctionnelles Respiratoires). Place des E.F.R. et des gaz du sang dans la surveillance de l'asthme et des bronchopneumopathies chroniques obstructives [Indications for respiratory function tests (RFT). The role of RFT and blood gases in the monitoring of asthma and chronic obstructive bronchopnumopathies]. Rev Mal Respir. 1995;12 Suppl 3: R115-31. French. PMID: 7491434. | Dr. Pooja prasannan | Dr. Sajitha.Krishnan,<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas<br>Dr. Gayathri,<br>Dr. Pooja,<br>Dr. Anand<br>Ms. Reshmy G S,<br>Ms. Mrudula E V |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|

**CLINICO PATHOLOGICAL MEETING (TIME 9 AM - 11 AM)**  
**(Attendees: All PGs)**

| DATE       | TOPIC                                                                       | STUDENT                                                                                      | FAULTY         |
|------------|-----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------|
| 09.07.2025 | Pituitary neuro endocrine tumour                                            | Dr. Elizabeth Thomas<br>Dr. Pooja<br>Pathology department<br>and Endocrine<br>department     | Dr. Gayathri S |
| 09.07.2025 | Ca. Thyroid with mets.                                                      | Dr. Elizabeth Thomas<br>Dr. Pooja<br>Pathology department<br>and Endocrine<br>department     | Dr. Gayathri S |
| 09.07.2025 | Mixed medullary and papillary thyroid carcinoma with lymph nodal metastases | Dr. Elizabeth Thomas<br>Dr. Pooja<br>Pathology department<br>and Endocrine<br>department     | Dr. Gayathri S |
| 09.07.2025 | Oncocytic neoplasm of thyroid of uncertain malignant potential              | Dr. Elizabeth Thomas<br>Dr. Pooja<br>Pathology department<br>and Endocrinology<br>department | Dr. Gayathri S |

**GROUP DISCUSSION (TIME: 10 AM – 11 AM)**

**(Attendees: All faculties and PGs)**

| DATE       | TOPIC                                         | STUDENT GROUP                     | FAULTY                                                                                                                                                    |
|------------|-----------------------------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10.07.2025 | Bio membrane                                  | Dr. Elizabeth Thomas<br>Dr. Pooja | Dr. Sajitha.Krishnan,<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas<br>Dr. Gayathri<br>Ms. Reshmy G S,<br>Ms. Mrudula E V,<br>Dr. Pooja<br>Dr. Anand |
| 17.07.2025 | Biostatistics and research methodology part 2 | Dr. Elizabeth Thomas<br>Dr. Pooja | Dr. Sajitha.Krishnan,<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas<br>Dr. Gayathri<br>Ms. Reshmy G S,<br>Ms. Mrudula E V,<br>Dr. Pooja<br>Dr. Anand |
| 25.07.2025 | Cell organelles                               | Dr. Elizabeth Thomas<br>Dr. Pooja | Dr. Sajitha.Krishnan,<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas<br>Dr. Gayathri<br>Ms. Reshmy G S,<br>Ms. Mrudula E V,<br>Dr. Pooja<br>Dr. Anand |
| 31.07.2025 | Biostatistics and research methodology part 2 | Dr. Elizabeth Thomas<br>Dr. Pooja | Dr. Sajitha.Krishnan,<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas<br>Dr. Gayathri<br>Ms. Reshmy G S,<br>Ms. Mrudula E V,<br>Dr. Pooja<br>Dr. Anand |

**TEST PAPER**

| DATE       | TOPIC               | BATCH      | FACULTY                                                                 |
|------------|---------------------|------------|-------------------------------------------------------------------------|
| 30.07.2025 | Exam                | 2022 BATCH | Dr. Sajitha.Krishnan<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas |
| 30.07.2025 | Cell biology part 3 | 2023 BATCH | Dr. Sajitha.Krishnan<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas |

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| 30.07.2025 | Cell biology part 3 | 2024 BATCH | Dr. Sajitha.Krishnan<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas |
|------------|---------------------|------------|-------------------------------------------------------------------------|

**BIOCHEMISTRY TEST REPORT**

| TESTS                  | NUMBER |
|------------------------|--------|
| Blood chemistry        | 760224 |
| Endocrinology          | 22395  |
| Other fluids           | 995    |
| Special Investigations | 4989   |

*Sajitha*

**DR. SAJITHA KRISHNAN,  
PROF & HOD  
DEPARMENT OF BIOCHEMISTRY  
AIMS KOCHI**