



# AMRITA INSTITUTE OF MEDICAL SCIENCES AND RESEARCH CENTRE

AIMS Ponekkara P.O. Kochi-41

## DEPARTMENT OF BIOCHEMISTRY

### PG TEACHING SCHEDULE FOR THE MONTH OF AUGUST 2026

#### THEORY (TIME: 2 PM – 3 PM)

| DATE       | TOPIC             | FACULTY                 |
|------------|-------------------|-------------------------|
| 04.08.2026 | Spectrophotometry | Dr. Sajitha Krishnan    |
| 11.08.2026 | Flame Photometry  | Dr. Sajitha Krishnan    |
| 18.08.2026 | Fluorometry       | Dr. Sumithra N Unni     |
| 25.08.2026 | Turbidimetry      | Dr. Purnima Eliz Thomas |

#### CLINICAL BIOCHEMISTRY POSTING (TIME 10 AM – 1 PM) (Attendees: All PGs)

| DATE       | TOPIC          | All PGs | FACULTY                                                                  |
|------------|----------------|---------|--------------------------------------------------------------------------|
| 03.08.2026 | EQAS           | -do-    | Dr. Sajitha Krishnan,<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas |
| 10.08.2026 | ELISA          | -do-    | Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas                          |
| 17.08.2026 | IQC            | -do-    | Dr. Sajitha Krishnan,<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas |
| 24.08.2026 | Kappa & Lambda | -do-    | 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                                                                                                                |
|------------|-----------------------------|---------------------|------------------------------------------------------------------------------------------------------------------------|
| 01.08.2026 | Electrophoresis -3          | Dr. Srihari Sanjeev | Dr. Purnima Eliz Thomas<br>Dr. Gayathri S<br>Dr. Manu Sudhakar<br>Dr. Roshin T                                         |
| 13.08.2026 | ELISA -2                    | Dr. Pooja Prasannan | Dr. Purnima Eliz Thomas<br>Dr. Gayathri S<br>Dr. Manu Sudhakar<br>Dr. Pooja Sasi                                       |
| 19.08.2026 | pH Electrodes               | Dr. Srihari Sanjeev | Dr. Purnima Eliz Thomas<br>Dr. Gayathri S<br>Dr. Manu Sudhakar<br>Dr. Pooja Sasi<br>Dr. Roshin T                       |
| 28.08.2026 | Sample Collection- Blood -2 | Dr. Lamcy Jose      | Dr. Sumithra N Unni<br>Dr. Purnima Eliz Thomas<br>Dr. Gayathri S<br>Dr. Manu Sudhakar<br>Dr. Roshin T<br>Ms. Reshmy GS |

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

| DATE       | TOPIC                                                                                                                                                                                                                                                                                                                                                                                                                           | PRESENTER           | FACULTY                                                                                            |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------------------------------------------------------------------------------------|
| 07.08.2026 | Jeppu, Ashok Kumar & Sajida, M.P. & Joseph, S.. (2010). Plasma ceruloplasmin in chronic renal failure patients undergoing haemodialysis. Journal of Clinical and Diagnostic Research. 4. 2058-2060.                                                                                                                                                                                                                             | Dr. Srihari Sanjeev | Dr. Gayathri S<br>Dr. Manu Sudhakar<br>Dr. Roshin T<br>Ms. Mrudula EV<br>Ms. Reshmy G S            |
| 20.08.2026 | Al Balawi AN, Alblwi NAN, Soliman R, El-Far AH, Hassan MG, El-Sewedy T, Ameen F, Ismail NF, Elmetwalli A. Impact of Vitamin D deficiency on immunological and metabolic responses in women with recurrent pregnancy loss: focus on VDBP/HLA-G1/CTLA-4/ENTPD1/adenosine-fetal-maternal conflict crosstalk. BMC Pregnancy Childbirth. 2024 Oct 29;24(1):709. doi: 10.1186/s12884-024-06914-0. PMID: 39472874; PMCID: PMC11523824. | Dr. Lamcy Jose      | Dr. Purnima Eliz Thomas<br>Dr. Gayathri S<br>Dr. Manu Sudhakar<br>Ms. Mrudula EV<br>Ms. Reshmy G S |

|            |                                                                                                                                                                                                                                                                                                                                                                                                         |                     |                                                                                                                    |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------|
| 24.08.2026 | Hao Y, Wang P, Zhao Z, Cheng J. The early diagnostic value of lung cancer autoantibodies and tumor markers in lung cancer. Clin Transl Oncol. 2026 Sep;28(9):3754-3773. doi: 10.1007/s12094-026-04249-0. Epub 2026 Mar 13. PMID: 41824177.                                                                                                                                                              | Dr. Pooja Prasannan | Dr. Purnima Eliz Thomas<br>Dr. Gayathri S<br>Dr. Manu Sudhakar<br>Dr. Roshin T<br>Ms. Mrudula EV<br>Ms. Reshmy G S |
| 31.08.2026 | Inzani F, Santoro A, Angelico G, Feraco A, Spadola S, Arciuolo D, Valente M, Carlino A, Piermattei A, Scaglione G, Scambia G, Rindi G, Zannoni GF. Neuroendocrine Carcinoma of the Uterine Cervix: A Clinicopathologic and Immunohistochemical Study with Focus on Novel Markers (Sst2-Sst5). Cancers (Basel). 2020 May 12;12(5):1211. doi: 10.3390/cancers12051211. PMID: 32408525; PMCID: PMC7281076. | Dr. Lamcy Jose      | Dr. Purnima Eliz Thomas<br>Dr. Gayathri S<br>Dr. Manu Sudhakar<br>Dr. Roshin T<br>Ms. Reshmy G S                   |

### **CLINICO PATHOLOGICAL MEETING (TIME 9 AM - 11 AM)**

**(Attendees: All PGs)**

| DATE       | TOPIC                                                                                | STUDENT                                                                                                                                  | FAULTY         |
|------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 05.08.2026 | Small round blue cell tumor - Shaft of Femur<br>Tenosynovial Giant cell tumor - Knee | Dr. Elizabeth Thomas<br>Dr. Pooja Prasannan<br>Dr. Srihari Sanjeev<br>Dr. Lamcy Jose<br>Pathology department and<br>Endocrine department | Dr. Gayathri S |

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

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

| DATE       | TOPIC         | STUDENT GROUP                                                                        | FAULTY                                                                                                                                                                                                  |
|------------|---------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01.08.2026 | Bioenergetics | Dr. Elizabeth Thomas<br>Dr. Pooja Prasannan<br>Dr. Srihari Sanjeev<br>Dr. Lamcy Jose | Dr. Sajitha Krishnan,<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas<br>Dr. Gayathri S.<br>Dr. Manu Sudhakar<br>Dr. Pooja Sasi<br>Dr. Roshin T<br>Ms. Reshmy G S,<br>Ms. Mrudula E V<br>Ms. Haritha |

|            |                                        |                                                                                      |                                                                                                                                                                                                       |
|------------|----------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08.08.2026 | Biostatistics & Research Methodology 1 | Dr. Elizabeth Thomas<br>Dr. Pooja Prasannan<br>Dr. Srihari Sanjeev<br>Dr. Lamcy Jose | Dr. Sajitha Krishnan,<br>Dr. Purnima Eliz Thomas<br>Dr. Gayathri S.<br>Dr. Pooja Sasi<br>Dr. Roshin T<br>Ms. Reshmy G S,<br>Ms. Mrudula E V                                                           |
| 18.08.2026 | Biostatistics & Research Methodology 2 | Dr. Elizabeth Thomas<br>Dr. Pooja Prasannan<br>Dr. Srihari Sanjeev<br>Dr. Lamcy Jose | Dr. Sajitha Krishnan,<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas<br>Dr. Gayathri S.<br>Dr. Manu Sudhakar<br>Dr. Roshin T<br>Ms. Reshmy G S,<br>Ms. Mrudula E V<br>Ms. Haritha                 |
| 29.08.2026 | Biological oxidation                   | Dr. Elizabeth Thomas<br>Dr. Pooja Prasannan<br>Dr. Srihari Sanjeev<br>Dr. Lamcy Jose | Dr. Sajitha Krishnan,<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas<br>Dr. Gayathri,<br>Dr. Manu Sudhakar<br>Dr. Pooja Sasi<br>Dr. Roshin T<br>Ms. Reshmy G S,<br>Ms. Mrudula E V<br>Ms. Haritha |

### **TEST PAPER**

| <b>DATE</b> | <b>TOPIC</b>                      | <b>BATCH</b> | <b>FACULTY</b>                                                          |
|-------------|-----------------------------------|--------------|-------------------------------------------------------------------------|
| 10.08.2026  | Nutrition                         | 2024 BATCH   | Dr. Sajitha Krishnan<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas |
| 10.08.2026  | Chromatography, Mass Spectrometry | 2025 BATCH   | Dr. Sajitha Krishnan<br>Dr. Sumithra N Unni,<br>Dr. Purnima Eliz Thomas |

**BIOCHEMISTRY TEST REPORT**

| TESTS                  | NUMBER |
|------------------------|--------|
| Blood chemistry        | 747001 |
| Endocrinology          | 19084  |
| Other fluids           | 910    |
| Special Investigations | 4023   |



**DR. SAJITHA KRISHNAN,  
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DEPARMENT OF BIOCHEMISTRY  
AIMS KOCHI**