



AMRITA INSTITUTE OF MEDICAL SCIENCES AND RESEARCH CENTRE

AIMS Ponekkara P.O. Kochi-41

DEPARTMENT OF BIOCHEMISTRY

PG TEACHING SCHEDULE FOR THE MONTH OF DECEMBER 2025

THEORY (TIME: 2 PM – 3 PM)

| DATE | TOPIC | FACULTY |
|------------|-----------------|-------------------------|
| 03.12.2025 | Electrophoresis | Dr. Sumithra N Unni |
| 15.12.2025 | Chromatography | Dr. Purnima Eliz Thomas |
| 19.12.2025 | HPLC | Dr. Sajitha Krishnan |
| 24.12.2025 | Electrophoresis | Dr. Sumithra N Unni |

CLINICAL BIOCHEMISTRY POSTING (TIME 10 AM – 1 PM)

| DATE | TOPIC | FACULTY |
|------------|----------------|--|
| 02.12.2025 | EQAS | Dr. Sajitha Krishnan, Dr. Sumithra N Unni, Dr. Purnima Eliz Thomas |
| 09.12.2025 | ELISA | Dr. Sumithra N Unni, Dr. Purnima Eliz Thomas |
| 16.12.2025 | IQC | Dr. Sajitha Krishnan, Dr. Sumithra N Unni, Dr. Purnima Eliz Thomas |
| 23.12.2025 | Kappa & Lambda | Dr. Sajitha Krishnan, Dr. Sumithra N Unni, Dr. Purnima Eliz Thomas |

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

| DATE | TOPIC | PRESENTER | FACULTY |
|-------------|-------------------------------------|-------------------------------|--|
| 20.12.2025 | Automation | Dr. Pooja Prasannan | Dr. Purnima Eliz Thomas Dr. Gayathri, Dr. Manu, Dr. Anand Ms. Haritha |
| 22.12.2025 | Nanotechnology and Microfabrication | Dr. Afthab Moideen S Ellikkal | Dr. Purnima Eliz Thomas Dr. Gayathri, Dr. Manu, Dr. Pooja Dr. Anand Ms. Mrudula E V |

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

| DATE | TOPIC | PRESENTER | FACULTY |
|-------------|--|----------------------|---|
| 17.12.2025 | Amartya, et.al, Pleural Fluid Calprotectin levels in benign and malignant Pleural Effusions and its significance in predicting success of Pleurodesis in Malignant Pleural Effusions, Indian Journal of Clinical Biochemistry, 13 th January 2025, DOI:10.1007/s12291-024-01296-8 | Dr. Pooja Prasannan | Dr. Purnima Eliz Thomas Dr. Gayathri, Dr. Manu Dr. Pooja Dr. Anand |
| 18.12.2025 | Fatma, et. al, Evaluation of Kynurenine Pathway metabolites in subclinical hypothyroidism: Indian Journal of Clinical Biochemistry, 6 th November 2025, DOI:10.1007/s12291-025-01360-x | Dr. Afthab Moideen | Dr. Purnima Eliz Thomas Dr. Gayathri, Dr. Manu Dr. Pooja Dr. Anand Ms. Reshmy G S, Ms. Haritha |
| 24.12.2025 | Sima Nazarpour, et.al, Comparison of universal screening with targeted high-risk case finding for diagnosis of thyroid disorders, Eur J Endocrinol. 2016 Jan;174(1):77-83. doi: 10.1530/ EJE-15-0750. Epub 2015 Oct 28. | Dr. Elizabeth Thomas | Dr. Purnima Eliz Thomas Dr. Gayathri, Dr. Manu, Dr. Anand Ms. Reshmy G S Dr. Pooja, Ms. Haritha Dr. Roshin |
| 30.12.2025 | Jenni K Ranta, et.al, Decreased PAPP-A is associated with preeclampsia, premature delivery and small for gestational age infants but not with placental abruption, Eur J Obstet Gynecol Reprod Biol. 2011 Jul;157(1):48-52. doi: 10.1016/j.ejogrb.2011.03.004. Epub 2011 Apr 8. | Dr. Afthab Moideen | Dr. Purnima Eliz Thomas Dr. Gayathri, Dr. Anand Dr. Manu, Dr. Roshin Ms. Reshmy G S Dr. Pooja, Ms. Haritha |

CLINICO PATHOLOGICAL MEETING (TIME 9 AM - 11 AM)

(Attendees: All PGs)

| DATE | TOPIC | STUDENT | FAULTY |
|-------------|--|---|----------------|
| 12.12.2025 | Non-invasive Follicular Thyroid Neoplasm with Papillary like Nuclear Features Atypical Parathyroid Tumour Papillary Thyroid Carcinoma Follicular Neoplasm with Papillary Thyroid Carcinoma Nuclear Features | Dr. Elizabeth Thomas Dr. Afthab Moideen Dr. Pooja Prasannan Pathology department and Endocrine department | Dr. Gayathri S |

GROUP DISCUSSION (TIME: 10 AM – 11 AM)

(Attendees: All faculties and PGs)

| DATE | TOPIC | STUDENT GROUP | FAULTY |
|-------------|--|---|--|
| 01.12.2025 | Immunochemistry 1 | Dr. Elizabeth Thomas Dr. Afthab Moideen Dr. Pooja Prasannan | Dr. Sajitha Krishnan, Dr. Sumithra N Unni, Dr. Purnima Eliz Thomas Dr. Gayathri, Dr. Manu Dr. Pooja Dr. Anand Ms. Reshmy G S, Ms. Mrudula E V Ms. Haritha |
| 08.12.2025 | Biostatistics & Research Methodology 1 | Dr. Elizabeth Thomas Dr. Afthab Moideen Dr. Pooja Prasannan | Dr. Sajitha Krishnan, Dr. Sumithra N Unni, Dr. Purnima Eliz Thomas Dr. Gayathri, Dr. Manu Dr. Pooja Dr. Anand Ms. Reshmy G S, Ms. Mrudula E V Ms. Haritha |
| 15.12.2025 | Immunochemistry 2 | Dr. Elizabeth Thomas Dr. Afthab Moideen Dr. Pooja Prasannan | Dr. Sajitha Krishnan, Dr. Sumithra N Unni, Dr. Purnima Eliz Thomas Dr. Gayathri, Dr. Manu Dr. Pooja Dr. Anand Ms. Reshmy G S, Ms. Mrudula E V Ms. Haritha |

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| 22.12.2025 | Biostatistics & Research Methodology 2 | Dr. Elizabeth Thomas Dr. Afthab Moideen Dr. Pooja Prasannan | Dr. Sajitha Krishnan, Dr. Sumithra N Unni, Dr. Purnima Eliz Thomas Dr. Gayathri, Dr. Manu Dr. Pooja Dr. Anand Ms. Reshmy G S, Ms. Mrudula E V Ms. Haritha |
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TEST PAPER

| DATE | TOPIC | BATCH | FACULTY |
|------------|--|------------|---|
| 08.12.2025 | Water, Biosensor, Nucleotide Chemistry 1 | 2023 BATCH | Dr. Sajitha Krishnan Dr. Sumithra N Unni, Dr. Purnima Eliz Thomas |
| 08.12.2025 | Water, Biosensor, Nucleotide Chemistry 2 | 2024 BATCH | Dr. Sajitha Krishnan Dr. Sumithra N Unni, Dr. Purnima Eliz Thomas |

BIOCHEMISTRY TEST REPORT

| TESTS | NUMBER |
|------------------------|--------|
| Blood chemistry | 741944 |
| Endocrinology | 22412 |
| Other fluids | 982 |
| Special Investigations | 4352 |

Sajitha

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