



AMRITA INSTITUTE OF MEDICAL SCIENCES AND RESEARCH CENTRE

AIMS Ponekkara P.O. Kochi-41

DEPARTMENT OF BIOCHEMISTRY

PG TEACHING SCHEDULE FOR THE MONTH OF OCTOBER 2025

THEORY (TIME: 2 PM – 3 PM)

DATE	TOPIC	FACULTY
01.10.2025	Cell Part 3	Dr. Sajitha Krishnan
08.10.2025	Cell fractionation 3	Dr. Sajitha Krishnan
15.10.2025	Intracellular protein trafficking part 3	Dr. Sumithra N Unni
22.10.2025	Cell cycle part 3	Dr. Purnima Eliz Thomas

CLINICAL BIOCHEMISTRY POSTING (TIME 10 AM – 1 PM)

DATE	TOPIC	FACULTY
03.10.2025	EQAS	Dr. Sajitha Krishnan, Dr. Sumithra N Unni, Dr. Purnima Eliz Thomas
10.10.2025	ELISA	Dr. Sumithra N Unni, Dr. Purnima Eliz Thomas
17.10.2025	IQC	Dr. Sajitha Krishnan, Dr. Sumithra N Unni, Dr. Purnima Eliz Thomas
24.10.2025	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
09.10.2025	Flame Photometry	Dr. Elizabeth Thomas	Dr. Sajitha Krishnan, Dr. Sumithra N Unni, Dr. Purnima Eliz Thomas Dr. Gayathri S S, Dr. Manu Sudhakar Sudhakar, Dr. Pooja Sasi Sasi Dr. Anand suresh Suresh Ms. Reshmy G S, Ms. Mrudula E V,
16.10.2025	Osmometry	Dr. Afthab Moideen	Dr. Sumithra N Unni, Dr. Purnima Eliz Thomas Dr. Gayathri S, Dr. Manu Sudhakar, Dr. Pooja Sasi Dr. Anand suresh Ms. Reshmy G S, Ms. Mrudula E V
23.10.2025	Analytical Balances	Dr. Pooja Sasi Prasannan	Dr Sajitha Krishnan Dr. Sumithra N Unni, Dr. Purnima Eliz Thomas Dr. Gayathri S, Dr. Manu Sudhakar, Dr. Pooja Sasi Dr. Anand suresh Ms. Reshmy G S, Ms. Mrudula E V

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

DATE	TOPIC	PRESENTER	FACULTY
10.10.2025	Kavsak PA, Hammett-Stabler CA. Clinical Biochemistry year in review - the clinical "good", the analytical "bad", and the "ugly" laboratory practices. Clin Biochem. 2014 Dec;47(18):255-6. doi: 10.1016/j.clinbiochem.2014.11.015. Epub 2014 Nov 21. PMID: 25448025	Dr. Elizabeth Thomas	Dr. Sajitha Krishnan, Dr. Sumithra N Unni, Dr. Purnima Eliz Thomas Dr. Gayathri S, Dr. Manu Sudhakar Dr. Pooja Sasi Dr. Anand suresh Ms. Reshmy G S, Ms. Mrudula E V
17.10.2025	Constantinescu SN. Journal of Cellular and Molecular Medicine: the Future. J Cell Mol Med. 2017 Feb;21(2):206-207. doi: 10.1111/jcmm.13075. PMID: 28121074; PMCID: PMC5264140	Dr. Afthab Moideen	Dr. Sajitha Krishnan, Dr. Sumithra N Unni, Dr. Purnima Eliz Thomas Dr. Gayathri S, Dr. Manu Sudhakar Dr. Pooja Sasi Dr. Anand suresh Ms. Reshmy G S, Ms. Mrudula E V
24.10.2025	Oyagbemi AA, Saba AB, Azeez OI. Capsaicin: a novel chemopreventive molecule and its underlying molecular mechanisms of action. Indian J Cancer. 2010 Jan-Mar;47(1):53-8. doi: 10.4103/0019-509X.58860. PMID: 20071791.	Dr. Pooja Sasi Prasannan	Dr. Sajitha Krishnan, Dr. Sumithra N Unni, Dr. Purnima Eliz Thomas Dr. Gayathri S, Dr. Manu Sudhakar Dr. Pooja Sasi Dr. Anand suresh Ms. Reshmy G S, Ms. Mrudula E V

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

DATE	TOPIC	STUDENT	FAULTY
01.10.2025	Ortho CPC	Dr. Elizabeth Thomas Dr. Afthab Moideen Dr. Pooja Sasi Prasannan Pathology department and Endocrine department	Dr. Gayathri S

08.10.2025	Papillary thyroid carcinoma	Dr. Elizabeth Thomas Dr. Afthab Moideen Dr. Pooja Sasi Prasannan Pathology department and Endocrine department	Dr. Gayathri S
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GROUP DISCUSSION (TIME: 10 AM – 11 AM)

(Attendees: All faculties and PGs)

DATE	TOPIC	STUDENT GROUP	FAULTY
08.10.2025	Ion channels	Dr. Elizabeth Thomas Dr. Afthab Moideen Dr. Pooja Sasi Prasannan	Dr. Sajitha Krishnan, Dr. Sumithra N Unni, Dr. Purnima Eliz Thomas Dr. Gayathri S, Dr. Manu Sudhakar Dr. Pooja Sasi Dr. Anand suresh Ms. Reshmy G S, Ms. Mrudula E V
15.10.2025	Channelopathies	Dr. Elizabeth Thomas Dr. Afthab Moideen Dr. Pooja Sasi Prasannan	Dr. Sajitha Krishnan, Dr. Sumithra N Unni, Dr. Gayathri S, Dr. Manu Sudhakar Dr. Pooja Sasi Dr. Anand suresh Ms. Reshmy G S, Ms. Mrudula E V
22.10.2025	Intracellular trafficking of proteins	Dr. Elizabeth Thomas Dr. Afthab Moideen Dr. Pooja Sasi Prasannan	Dr. Sajitha Krishnan, Dr. Sumithra N Unni, Dr. Purnima Eliz Thomas Dr. Gayathri S, Dr. Manu Sudhakar Dr. Pooja Sasi Dr. Anand suresh Ms. Reshmy G S, Ms. Mrudula E V

29.10.2025	Intracellular signalling pathways	Dr. Elizabeth Thomas Dr. Afthab Moideen Dr. Pooja Sasi Prasannan	Dr. Sajitha Krishnan, Dr. Sumithra N Unni, Dr. Purnima Eliz Thomas Dr. Gayathri S, Dr. Manu Sudhakar Dr. Anand suresh Ms. Reshmy G S, Ms. Mrudula E V
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TEST PAPER

DATE	TOPIC	BATCH	FACULTY
31.10.2025	Cell Part 2	2023 Batch	Dr. Sajitha Krishnan
31.10.2025	Cell Part 2	2024 Batch	Dr. Sajitha Krishnan

BIOCHEMISTRY TEST REPORT

TESTS	NUMBER
Blood chemistry	769886
Endocrinology	23501
Other fluids	998
Special Investigations	4897

Sajitha

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