

Name of the Institute: Institute of Biochemistry

ACADEMIC FORUM

SEMINAR / SYMPOSIUM:

S.NO	Date	Seminar and Symposium with Title	Presentor & moderators with their designation	State or National level or institute level	University / TNMSC Credits / both if present
1	09/01/2021	Interferants in immunoassays	Dr.Ramadevi – Director	Institute	NA
2	06/02/2021	Pediatric hypoglycemia	Dr.Pramila – Professor	Institute	NA
3	10/02/2021	Urea Standardization	Dr.B.M.Rajapriya- Junior Resident	Institute	NA
4	17/02/2021	Chromatography	Dr.Ramya - Junior Resident	Institute	NA
5	06/03/2021	Investigation of hypoglycemia: A Biochemist's perspective	Dr.Amuthavalli - Professor	Institute	NA
6	20/03/2021	Glycated Hemoglobin	Dr.Panimathi – Professor	Institute	NA
7	10/04/2021	Biochemical Changes in CKD	Dr.Chithra – Professor	Institute	NA
8	08/05/2021	Assessing liver function tests in Pregnancy	Dr.Uma – Assistant Professor	Institute	NA
9	29/05/2021	Role of Clinical Biochemistry in COVID-19 management	Dr.Chelladurai - Associate Professor	Institute	NA
10	12/06/2021	Biochemical changes in Pregnancy	Dr.Amuthavalli - Professor	Institute	NA
11	26/06/2021	Thyroid function tests in Pregnancy	Dr.Panimathi – Professor	Institute	NA
12	10/07/2021	Markers for obstetric emergencies	Dr.Radhalakshmi - Junior Resident	Institute	NA
13	19/08/2021	Biochemical approach to Maple syrup urine disease	Dr.Nirmaladevi – Assistant Professor	Institute	NA
14	28/08/2021	Biochemical approach to Thalessemia Major	Dr.Jemima – Junior resident	Institute	NA
15	19/09/2021	Biochemical approach to Preeclamsia	Dr.Kalaivani - Junior Resident	Institute	NA
16	09/10/2021	Gestational Diabetes	Dr.Gomathi – Assistant Professor	Institute	NA
17	12/11/2021	Biomarkers of Hepatocellular Carcinoma	Dr.Ramya Dr.Jemima Ajitha - Junior Resident	Institute	NA
18	13/11/2021	Renal tubular acidosis	Dr.Vinod Kumar – Assistant Professor	Institute	NA
19	29/11/2021	Dyslipidemia in CKD	Dr.Lekshmi Dr.Jemima Ajitha - Junior Resident	Institute	NA
20	30/11/2021	Hurler- Scheie Syndrome	Dr.Mahalakshmi Dr.Jemima Ajitha - Junior Resident	Institute	NA

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21	07/12/2021	KRAS mutation detection in Colorectal Carcinoma	Dr.D.Abarna Gnanambigai-Junior Resident	Institute	NA
22	13/12/2021	Urinary Vitamin D Binding protein in Nephrotic syndrome	Dr.S.Pavithra Junior Resident	Institute	NA
23	18/12/2021	Congenital adrenal hyperplasia	Dr.Divya – Senior Resident	Institute	NA
24	07.01.22	Early indicators of Acute Kidney Injury	Dr.Jemima Ajitha - Junior Resident	Institute	NA
25	31.01.22	Biochemical markers of hypertension	Dr.Radhakshmi - Junior Resident	Institute	NA
26	16.03.22	Vitamin status in Gestational Diabetes Mellitus	Dr.Prakash - Junior Resident	Institute	NA
27	01.04.22	Polymorphism in Diabetes Mellitus	Dr.Sivashangari Dr.Prakash - Junior Resident	Institute	NA
28	29.04.22	Acid base balance and its interpretation of disorders	Dr.Prakash - Junior Resident	Institute	NA
29	06.05.22	Diagnosis of type 2 DM using gene polymorphisms	Dr.Suresh - Junior Resident	Institute	NA
30	17.05.22	Renal Function test	Dr.Chithra Sivashankari – Assistant Professor	Institute	NA
31	06.06.22	Alzheimer's disease	Dr.Krithika – Senior Resident	Institute	NA
32	24.06.22	Colorimetry	Dr.Aishwarya Vaishnavi.M- Junior Resident	Institute	NA
33	04.07.22	Spectrophotometer	Dr.D.Abarna gnanambigai-Junior Resident	Institute	NA
34	13.07.22	Units of measurements	Dr.Harikrishnaraj.M Junior Resident	Institute	NA
35	01.08.22	Atomic absorption spectrophotometer	Dr.Jemima Ajitha - Junior Resident	Institute	NA
36	06.08.22	Reference material	DR.Haritha Agnes.S Junior Resident	Institute	NA
37	30.08.22	Biochemical aspects from menarche to menopause	Dr.Ezhil - Senior Resident	Institute	NA
38	01.09.22	Fluorometry	Dr.Kalaivani - Junior Resident	Institute	NA
39	16.09.22	Specimen collection and processing	Dr.Iniya - Junior Resident	Institute	NA
40	30.09.22	Nephelometry and turbidimetry	Dr.Prakash - Junior Resident	Institute	NA
41	15.10.22	Anticoagulants and preservatives	Dr. Janani. P.A Junior Resident	Institute	NA

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42	19.10.22	Flow cytometry	Dr.Radhalkshmi - Junior Resident	Institute	NA
43	31.10.22	Reagent grade water	Dr.Narendran S.C;Junior Resident	Institute	NA
44	16.12.22	Pipettes	Dr. Ragul Vijay. M Junior Resident	Institute	NA
45	12.01.23	Luminescence	Dr.Sivasangari - Junior Resident	Institute	NA
46	24.02.23	pH	DrRajasankar.P Junior resident	Institute	NA
47	25.02.23	Balance	Dr.Yuvasri J Junior resident	Institute	NA
48	17.03.23	Centrifuge	Dr.Aasha Jothimani Junior Resident	Institute	NA
49	01.06.23	Potentiometry & ISE	Dr.S.Pavithra Junior Resident	Institute	NA
50	01.06.23	Cyanide Poisoning & ETC	Dr. P. Priya - Junior Resident	Institute	NA
51	12.07.23	Voltometry, Conductometry and Coulometry	Dr.Aishwarya Vaishnavi.M- Junior Resident	Institute	NA
52	12.07.23	Glycogen storage diseases	Dr Archana L - Junior resident	Institute	NA
53	28.07.23	Cystic fibrosis	Dr.Narendran S.C Junior Resident	Institute	NA
54	26.08.23	Metabolic syndrome and Action of insulin	Dr Hashekaa.S - Junior resident	Institute	NA
55	02.09.23	Nutrition basics and diet for a 3 year old marasmic child	DR.Haritha Agnes.S Junior Resident	Institute	NA
56	23.09.23	Metabolic dearrangements in alcoholism	Dr. V. Rekha - Junior Resident	Institute	NA
57	30.09.23	Principles of immunoassay and ELISA	Dr.Yuvasri J -Junior resident	Institute	NA
58	28.10.23	Pipette	Dr.Divyabala - Junior Resident	Institute	NA
59	28.10.23	Solutions	Dr.Srinivas - Junior Resident	Institute	NA
60	04.11.23	Basic principles of semiautoanalyser	Dr. Mahadevi J - Junior Resident	Institute	NA
61	02.12.23	Glycoprotein role in biochemistry	Dr.B.M.Rajapriya- Junior Resident	Institute	NA
62	08.12.23	Diagnostic modalities of Mucopolysaccharadosis	Dr.Abinaya- Junior Resident	Institute	NA
63	27.01.24	Nephelometry and Turbidimetry	Dr. Sharmila. M Prof .Dr Chelladurai Dr Divya	Institute	NA
64	03.02.24	Reagent Grade Water	Dr. Ramani. P	Institute	NA

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			Prof.Dr Vijayalakshmi Dr Preethi		
65	23.02.24	Basics of Electrophoresis - part 1	Dr. Priyadharshini.R Prof .Dr Chelladurai Dr Gomathi	Institute	NA
66	02.03.24	Centrifuge	Dr. Roshini Priya Director & Prof Dr.K. Pramila Dr chitrasivasankari	Institute	NA
67	30.03.24	Basics of Electrophoresis - part 2	Dr. Muthulakshmi Prof.Dr Amuthavalli Dr chitrasivasankari	Institute	NA
68	08.04.24	Principles of Thermodynamics and Donnan membrane equilibrium	Dr. Revathi Director & Prof. Dr.K. Pramila Dr Ezhil	Institute	NA
69	08.04.24	Sensitivity, Specificity, PPV, NPV	Dr. Poulajones Director & Prof. Dr.K. Pramila Dr Nachiappan	Institute	NA
70	13.05.24	Prenatal Diagnosis	Dr.Mahadevi Director & Prof. Dr.K. Pramila Dr Ponmalar	Institute	NA
71	18.05.24	Colligative Properties	Dr.Raviramraaju Prof .Dr Chelladurai Dr Gomathi	Institute	NA
72	18.05.24	Measures of Dispersion	Dr.Vinetha Prof.Dr Amuthavalli Dr Uma	Institute	NA
73	15.06.24	Statistical tools in parametric and non parametric test	Dr. Priyadharshini Prof .Dr Chelladurai Dr Gomathi	Institute	NA
74	22.06.24	Reference Material	Dr. Divyabala Prof.Dr Vijayalakshmi Dr Ponmalar	Institute	NA
75	29.06.24	Chromatography	Dr. Rajasankar Prof.Dr Amuthavalli Dr Nachiappan	Institute	NA
76	05.07.24	Tumor Markers	Dr.Chinni gayathri	Institute	NA

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			Prof.Dr Amuthavalli Dr Viodhkumar		
77	12.7.24	Flame photometer & mass absotrption spectrometer	Dr.Aasha Jothimani Prof.Dr Vijayalakshmi Dr vinodhkumar	Institute	NA
78	20.7.24	HPLC	Dr.Narendran Director & Prof. Dr.K. Pramila Dr Chitrasivasankari	Institute	NA
79	27.7.24	Genetic basis of carcinogenes, role of oncogenes & tomour supressor gene & cancer cell biology	Dr.Muthulakshmi Prof.Dr Amuthavalli Dr Chitrasivasankari	Institute	NA
80	3.8.24	mechanism of hormones	Dr.Prathiba Prof .Dr Chelladurai Dr Sampathkumar	Institute	NA
81	9.8.24	POCT	Dr.Priya Prof.Dr Amuthavalli Dr Ezhil	Institute	NA
82	6.9.24	Linearity & regression	Dr.Sharmila Prof .Dr Chelladurai Dr Divya	Institute	NA
83	21.9.24	TMS	Dr.Ragul vijay Prof.Dr Vijayalakshmi Dr Gomathi	Institute	NA
84	28.9.24	Total laboratory automation	Dr.Archana Director & Prof. Dr.K. Pramila Dr vinodhkumar	Institute	NA
85	5.10.24	Neurotransmitter	Dr.Roshini priya Director & Prof. Dr.K. Pramila Dr Chitrasivasankari	Institute	NA
86	9.11.24	free radicals	Dr. Revathi	Institute	NA

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			Director & Prof. Dr.K. Pramila Dr Ezhil		
87	23.11.24	Immunoelectrophoresis	Dr. Rekha Prof.Dr Amuthavalli Dr Preethi	Institute	NA
88	23.11.24	Total protein	Dr.Vinetha Prof.Dr Amuthavalli Dr Ezhil	Institute	NA
89	7.12.24	ELISA	Dr.Hashekaa. S Prof.Dr Amuthavalli Dr Divya	Institute	NA
90	9.12.24	Albumin	Dr.Raviramraaju Prof.Dr Chelladurai Dr Gomathi	Institute	NA
91	21.12.24	CLIA	Dr.Abinaya Prof.Dr Vijayalakshmi Dr Gomathi	Institute	NA
	10.02.2025	Urea	Dr. Revathi Dr.K.Pramila mam Dr.G. Ezhil mam	Institute	NA
	22.02.2025	Biosensors	Dr.Haemasarajini M Dr Chelladurai Dr Divya D	Institute	NA
	10.03.2025	Phlebotomy	Dr.Subashini Prof Dr Vijayalakshmi Dr Menaka Devi	Institute	NA
	15.03.2025	Pre-analytical variables	Dr.Roshini priya Prof Dr. Pramila K Dr.Chitrasivasankari	Institute	NA
	07.04.2025	Order of draw and preservatives	Dr .Saadhana Director & Prof Dr Pramila Dr.Chitrasivasankari	Institute	NA
	12.05.2025	Lipid profile	Dr Poula Jones Director & Prof. Dr. Pramila.K Dr. Menaka Devi	Institute	NA
	12.05.2025	Solution -types , preparation with examples	Dr Raghavan Prof Dr Amuthavalli V Dr	Institute	NA

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			Gomathi		

CME / CONFERENCE

S.NO	Date	CME / CONFERENCE – Title	University / TNMSC Credits / both if present	State or National level or institute level
	29.01.22	Applications of next generation sequencing in clinical practice	NA	State
	09.12.22	N-Latex FLC,Kappa and Lambda assay	NA	State

WORKSHOP and TRAINING PROGRAMME:

S.NO	Date	WORKSHOP / TRAINING with Title	University / TNMSC Credits / both if present	State or National level or institute level
1	16/12/2021 & 17/12/2021	Human Single Nucleotide Polymorphism - Genotyping by PCR-RFLP	University	State
2	17.08.22	Immunoassays- A laboratory perspective	NA	State
3	27.08.22	Paradigm shift in interpretation of Arterial Blood Gas reports	NA	State
4	17.05.23	Clinical applications of Capillary Electrophoresis	University	State
5	14.3.2024 & 15.3.2024	PCR- workshop- Real Time PCR and Gel PCR based Human SNP Genotyping	20 points-TNMC	State

Others:

Case Presentations

S.NO	Date	Title	Presentor & moderators with their designation
1	28.11.22	Case presentation on Multiple Myeloma	Dr.Kalaivani - Junior Resident
2	18.08.23	Case presentation on Alcoholic Liver disease	Dr.Rajashankar – Junior Resident
3	15.09.23	Case Presentation on Chronic Kidney Disease	Dr.Iniya – Junior resident
4	02.12.23	Case Presentation on Liver Cirrhosis	Dr.Rajapriya – Junior resident
5	12.01.2024	Multiple Myeloma	Dr. Ragul Vijay Prof.

			Dr.Vijayalakshmi M Dr Gomathi
6	13.02.2024	ST Elevation Myocardial Infarction	Dr. Harikrishnaraj. M Prof Dr Amuthavali Dr Ezhil
7	08.03.2024	Sickle Cell Anaemia	Dr. Yuvasri Prof Dr Pramila Dr Preethi M V
8	20.04.2024	Thyroiditis	Dr.Haritha Agnes Prof Dr Chelladurai
9	07.06.2024	Type 2 Diabetes Mellitus	Dr. Janani Prof. Dr. Pramila K
10	05.10.2024	Hashimoto's thyroiditis	Dr Hashekaa
11	03.02.2025	Hyperparathyroidism	Dr.Rekha Prof. Dr. Amuthavalli V Dr Preethi M V
12	03.03.2025	Acute myocardial infraction	Dr.Priya Prof. Dr. Amuthavalli V Dr Ezhil
13	24.03.2025	Alcoholic liver disease	Dr Archana Director & Prof Dr Pramila Dr Vinodh kumar
14	26.04.2025	Chronic kidney disease	Dr Mahadevi Director & Prof Dr Pramila Dr Ponmalar

Journal club

S.NO	Date	Title	Presentor & moderators with their designation
1	05.01.2024	The Association between Vitamin D Hypovitaminosis and Cardiovascular disease risk in Saudi Type 2 Diabetes Mellitus patients	Dr. Muthulakshmi Prof Dr Amuthavalli Dr.Chitrasivasankari
2	27.01.2024	Estimation of fluoride and Sirtuin 1 in patients with Diabetic Nephropathy in Kolar district of Karnataka, India	Dr. Priyadarshini. R Prof.Dr.Chelladurai.K Dr Uma
3	22.03.2024	Serum Fructosamine and Glycosylated Hemoglobin in Monitoring the Glycemic Control in Gestational Diabetes Mellitus	Dr.Archana. L Director & Prof Dr Pramila Dr Vinodh kumar
4	04.05.2024	Serum Dickkopf -1 as a potential prognostic marker in patients with Rheumatoid Arthritis	Dr.Hashekaa. S Prof Dr Amuthavalli Dr Nachiappan
5	25.05.2024	Evaluation of Serum level of Inflammation, Fibrinolysis, Oxidative stress markers in CAD Prediction	Dr. Haemasarajini Prof Dr Chelladurai Dr Divya D
6	22.06.2024	A convenient diagnostic tool for discriminating adult onset GADA Antibody positive autoimmune Diabetes from type 2 Diabetes	Dr. Srinivasan Prof.Dr. Amuthavalli. V Dr. D. Divya
7	20.07.2024	Galectin-3 as a prognostic marker in Diabetic nephropathy	Dr.Rekha Prof. Dr. Amuthavalli V Dr Preethi M V

8	06.09.2024	Plasma Fetuin A levels are reduced in patients with hypothyroidism	Dr Mahadevi Director & Prof Dr Pramila Dr Ponmalar
9	09.11.2024	Serum homocysteine & folic acid levels as risk factors of chronic kidney disease	Dr. Abinaya Prof Dr Vijayalakshmi Dr Gomathi
10	25.01.2025	Plasma Copeptin level in Type 2 DM patients and its role in Diabetic nephropathy	Dr. Sharmila. M Prof.Dr.Chelladurai.K Dr.Divya.D
11	17.02.2025	Serum Tenascin C and Alarin levels associated with cardiovascular disease in Type 2 DM	Dr. Pratibha Prof Dr Chelladurai Dr Sampath kumar
12	28.03.2025	Zinc alpha 2 glycoprotein as an early biomarker of diabetes nephropathy in T2DM	Dr.Chinni gayathri Prof. Dr. Amuthavalli V Dr. Vinodh Kumar B
13	26.04.2025	Diagnostic value of serum cathepsin S in type 2 diabetic kidney disease	Dr Divya Bala Prof.Dr.Vijayalakshmi Dr. Ponmalar
14	19.05.2025	Evaluation of Serum Visfatin as a Biomarker of Lupus Nephritis in Egyptian Patients with Systemic Lupus Erythematosus	Dr Roshini priya Director & Prof Dr. Pramila K Dr.Chitrasivasankari