

30. Department wise list of Faculty Members

Department	Name of the faculty Qualification IMR Number	Current Designation & Date of promotion	Nature of employment Regular/ Permanent or Contract/ outsourced	Details of Service in the Last 5 Years.					Number of lectures taken/ years Topics Covered.
				1 2017	2 2018	3 2019	4 2020	5 2021	
Biochemistry	Dr.S.Sakthidasan M.D IMR No. 38645 RBCW – JUNE 2019 CISP – JUNE 2019	Professor & HOD 15.06.2017	Regular	MAPIMS, Melmaruvathur	MAPIMS, Melmaruvathur	MAPIMS, Melmaruvathur	MAPIMS, Melmaruvathur	MAPIMS, Melmaruvathur	<ol style="list-style-type: none"> 1. FUNDAMENTAL CONCEPTS OF ENZYME 2. DNA, RNA BASICS 3. REPLICATION 4. TRANSCRIPTION 5. CHO 6. OSPE AND CERTIFIED SKILLS 7. EARLY CLINICAL EXPOSURE GLYCOLYSIS 8. HMP SHUNT 9. GIUCONEOGENESIS 10. CARBOHYDRATE METABOLISM 11. HOMEOSTESIS OF BLOOD SUGAR LEVEL CARBOHYDRATE METABOLISM 12. DIABETES MELLITUS 13. LIPOPROTEIN METABOLISM-1 14. LIPOPROTEIN METABOLISM-2 15. GLYCOGEN STORAGE DISEASES 16. LIPID CHEMISTRY 17. LIPOPROTEIN METABOLISM 18. BETA OXIDATION OF FATTY ACID 19. FATTY ACID SYNTHESIS 20. CHOLESTEROL BIOSYNTHESIS 21. KETONE BODIES METABOLISM, KETO ACIDOSIS 22. PROTEIN CHEMISTRY 23. PROTEIN STRUCTURE 24. GENERAL METABOLISM

									<p>AMINO ACIDS</p> <p>25. UREA CYCLE</p> <p>26. AROMATIC AMINO ACIDS-1</p> <p>27. AROMATIC AMINO ACIDS-2</p> <p>28. NUCLEOTIDE CHEMISTRY</p> <p>29. PURINE METABOLISM LESCH NYHAN SYNDROME</p> <p>30. GENE EXPRESSION & GOUT</p> <p>31. RDNA TECHNOLOGY</p> <p>32. TUMOR MARKERS</p> <p>33. NUTRITION PEM& OBESITY</p> <p>34. DIET PLAN</p> <p>35. VIT A & D</p> <p>36. VIT E & K VIT D</p> <p>37. VIT C HYPER & HYPO VITAMINOSIS</p> <p>38. MINERALS[IRON, CALCIUM & MAJOR MINERALS</p> <p>39. MINERALS COPPER, ZINC , SELENIUM & MINOR TRACE MINERALS</p> <p>40. MINERALS</p> <p>41. VITAMIN C</p> <p>42. ATHEROSCLEROSIS & MI</p> <p>43. RENAL FAILURE</p> <p>44. THYROID FUNCTION TESTS</p> <p>45. HEME METABOLISM-1</p> <p>46. ETC DISORDERS</p> <p>47. HEME METABOLISM-2</p> <p>48. ACID BASE BALANCE</p> <p>49. LFT</p> <p>50. ACID BASE DISORDERS</p> <p>51. ECM HEALTH & DISEASE</p> <p>52. GASTRIC & PANCREATIC FUNCTION, RFT & CKD</p> <p>53. CANCER-ONCOGENES& TUMOR SUPPRESSOR GENE</p> <p>54. CANCER-TUMOR MARKERS</p>
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<p>Dr. K. Gunanithi M.D</p> <p>IMR No. : 87126</p> <p>BCW – JULY 2015</p> <p>RBCW – JULY 2017</p> <p>RBCW – JUNE 2019</p> <p>BCBR – MARCH 2021</p>	<p>Associate Professor</p> <p>(27.7.2018)</p>	<p>Regular</p>	<p>MAPIMS, Melmaruvathur</p>	<p>MAPIMS, Melmaruvathur</p>	<p>MAPIMS, Melmaruvathur</p>	<p>MAPIMS, Melmaruvathur</p>	<p>MAPIMS, Melmaruvathur</p>	<ol style="list-style-type: none"> 1. CELL CYCLE 2. TRANSLATION 3. EARLY CLINICAL EXPOSURE 4. PDH & ACETYL COA 5. GLYCOGEN 6. GLYCOGEN 7. DIABETES MELLITUS 8. LIPID DIGESTION & ABSORPTION 9. DYSLIPIDEMIA [ECE] 10. ESTIMATION OF CHOLESTEROL, TGL, HDL 11. ESTIMATION OF SGOT, SGPT,ALP 12. LIPID STORAGE DISEASES 13. TRIGLYCERIDE METABOLISM & FATTY LIVER, ADIPOSE TISSUE METABOLISM 14. EICOSANOIDS 15. UREA ESTIMATION 16. ONE CARBON METABOLISM 17. SULPHUR CONTAINING AMINO ACID 18. IEM-AMINO ACIDURIA HOMO CYSTEINE 19. FARMATIVE ASSESMENT 20. AMINO ACIDURIA 21. POLYAMINES 22. NITRIC OXIDE 23. GENE EXPRESSION 24. GENETIC TECHNIQUES MUTATION 25. DNA REPAIR CANCER BIOCHEMISTRY 26. VIT B1-5 27. VITAMIN DEFICIENCY DISORDERS 28. ECM-FUNCTIONS
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Biochemistry	Dr.T.Gopalakrishnan. M.D IMR No. 98441 BCW – JAN. 2012 BCW - JULY 2015 RBCW – AUG. 2021	Assistant Professor (16.12.2015)	Regular	Ponnayah Ramajayam Institute of Medical Sciences, Manamainallur, Chennai	Ponnayah Ramajayam Institute of Medical Sciences, Manamainallur, Chennai	Meenakshi Medical college and Research Institute, Kanchipuram, India	Meenakshi Medical college and Research Institute, Kanchipuram, India	MAPIMS, Melmaruvathur	<ol style="list-style-type: none"> 1. ENZYME INHIBITORS 2. CHO 3. CHO & LIPIDS 4. 4.CARBOHYDRATE DIGESTION 5. KEY FEATURES OF LIPID METABOLISM 6. UREA CYCLE DISORDERS 7. SIMPLE & HYDROXY AMINO ACIDS 8. ACIDIC&BASIC AMINO ACIDS 9. BRANCHED CHAIN AMINO ACIDS & MSUD 10. GENE EXPRESSION & GENE THERAPY 11. DNA DAMAGE & MUTATIONS 12. ONCOGENE 13. VIT B6-12 14. ANTI OXIDANT & FREE RADICALS 15. ATHEROSCLEROSIS & MI 16. DETOXIFICATION 17. DETOXIFICATION 18. ETC/OXIDATIVE PHOSPHORYLATION 19. ETC/OXIDATIVE PHOSPHORYLATION 20. HORMONE ACTION 21. OTHER HORMONES 22. IMMUNE SYSTEM 23. IMMUNE SYSTEM
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	<p>MR. K.P Shivagovindan. (M.Sc Medical Biochemistry)</p> <p>RBCW – JUNE 2019 CISP II – SEP. 2020</p>	<p>Assistant Professor</p> <p>13.10.2016</p>	<p>Regular</p>	<p>MAPIMS, Melmaruvathur</p>	<p>MAPIMS, Melmaruvathur</p>	<p>MAPIMS, Melmaruvathur</p>	<p>MAPIMS, Melmaruvathur</p>	<p>MAPIMS, Melmaruvathur</p>	<ol style="list-style-type: none"> 1. LIPIDS 2. TCA CYCLE 3. FATTY ACIDS[MUFA,PUFA] 4. BILIRUBIN, CALCIUM, PHOSPHORUS 5. ESTIMATION OF CREATININE 6. AMINO ACIDS 7. PROTEIN 8. DIGESTION & ABSORPTION] 8. ACID BASE DISORDERS 9. FLUID & ELECTROLYTE BALANCE 10. ELECTROLYTE DISORDERS 11. PROTEIN SORTING & TARGETING 12. VACCINE DEVELOPMENT
	<p>Dr.B.Ayeswarya prabha, MBBS</p> <p>IMR NO: 132623</p>	<p>Tutor</p>	<p>Regular</p>	<p>-</p>	<p>MAPIMS, Melmaruvathur</p>	<p>MAPIMS, Melmaruvathur</p>	<p>MAPIMS, Melmaruvathur</p>	<p>MAPIMS, Melmaruvathur</p>	<ol style="list-style-type: none"> 1. MINARALS 2. ANTI OXIDANTS & FREE RADICALS 3. FORMATION OF ATP 4. ETC INHIBITORS 5. ELECTROLYTE DISORDERS 6. ADRENALS 7. COLLAGEN 8. UBIQUITIN PROTEASOME 9. P53 & APOPTOSIS 10. ANTIGENS

Biochemistry	Dr.E.C.P..Rooban chakravarthy, MBBS IMR NO: 116617	Tutor	Regular	Dr.A.Ramachan dran Diabetes Hospital Fellowship in clinical Diabetology chennai	Dr.A.Ramachan dran Diabetes Hospital Fellowship in clinical Diabetology chennai	Dr.A.Ramachan dran Diabetes Hospital Fellowship in clinical Diabetology chennai	MAPIMS, Melmaruvathur	MAPIMS, Melmaruvathur	<ol style="list-style-type: none"> 1. CHO & LIPIDS 2. MINARALS 3. ANTI OXIDANTS & FREE RADICALS 4. FORMATION OF ATP 5. ETC INHIBITORS 6. ELECTROLYTE DISORDERS 7. ADRENALS 8. COLLAGEN 9. UBIQUITIN PROTEASOME 10. P53 & APOPTOSIS 11. ANTIGENS
Biochemistry	Dr. Jegadish. J MBBS IMR NO: 145652	Tutor	Regular	-	-	-	-	MAPIMS, Melmaruvathur	<ol style="list-style-type: none"> 1. MINARALS 2. ANTI OXIDANTS & FREE RADICALS 3. FORMATION OF ATP 4. ETC INHIBITORS 5. ELECTROLYT DISORDERS 6. ADRENALS 7. COLLAGEN 8. UBIQUITIN PROTEASOME 9. P53 & APOPTOSIS 10. ANTIGENS
Biochemistry	DR.S.Naresh MBBS 121749	Tutor 07.12.2020	Regular	SLIMS	PRIMS	Meenakshi medical college	Meenakshi medical college	MAPIMS, Melmaruvathur	<ol style="list-style-type: none"> 1. OSPE, 2. Clinical Pharmacology, 3. Experimental 4. Pharmacology, 5. Pharmacovigilance

ANNEXURE – I

SL.NO	Faculty Name	Publication in Vancouver referencing style.	Pubmed Indexed Yes/No	Scopus
1.	Dr. S. Sakthi Dasan	1. Gunanithi.K, Sakthi Dasan.S. Asymptomatic Hypokalemia in uncontrolled type II Diabetes Mellitus. IOSR Journal of Dental and Medical Sciences.2016; 4 (15):36-38	No	No
		2. Gunanithi.K, Sakthi Dasan.S, Sultan Sheriff.D. Hyperammonemia in uncontrolled type 2 diabetes mellitus. IOSR Journal of Dental and Medical Sciences.2016;10: 14-19	No	No
		3. S.Sakthi Dasan, C.Suthakaran. Correlation between level of albumin and glycosylated haemoglobin in south Indian patients with type 2 diabetes mellitus. Ijpbs.2017; 8:638-640.	No	No
		4. SakthiDasan S, Hemachandrika C, Suthakaran C. Relationship between the levels of glycosylated haemoglobin red cell width and haemoglobin levels in patients with type 2 diabetes mellitus. Indian Journal of Basic and applied medical research. 2017; 6(2): 645-651.	No	No
		5. Dhastagir sheriff, S.Sakthi Dasan, K.Gunanidhi et al. Poster preparation and presentation As a Novel method of learning in medical biochemistry. IOSR Journal of Dental and Medical Sciences. 2017; 16(05): 49-51	No	No
		6. Bhaskaran S, SakthiDasan S. et.al Thyroid status in patients undergoing maintenance haemodialysis: a south Indian cohort study. Int J Adv Med 2019; 6(5): 1531-1534	No	No
		7. Gunanithi. K. Sakthidasan.S. Serum albumin levels in uncontrolled type 2 diabetes mellitus-An observational study. Medpulse international journal of biochemistry. 2021;20(2):13-17	No	No

Sl.No	FacultyName	Publication in Vancouver referencingstyle.	Pubmed Indexed Yes/No	Scopus
2.	Dr.K.Gunanithi	1. Shanthi B. Gunanithi.K. Low serum BNP levels in type 2 diabetes mellitus. <i>Int J Pharm Bio Sci.</i> 2013;4(3):1389-1392.	No	Yes
		2. Kalaiselvi V.S. Gunanithi.K. Correlation between serum uric acid levels and LDL/HDL ratio in type 2 diabetes mellitus – An observational study. <i>Int J Pharm Bio Sci.</i> 2014;5(2):702-707.	No	Yes
		3. Gunanithi. K. Sakthidasan.S. Asymptomatic hypokalemia in uncontrolled type 2 diabetes mellitus. <i>IOSR-JDMS.</i> 2016;15(4):36-38.	No	No
		4. Gunanithi.K. Sakthidasan.S. Sultan sheriff D.S. Hyperammonemia in uncontrolled type 2 diabetes mellitus. <i>IOSR-JDMS.</i> 2016;15(10):14-19.	No	No
		5. Sheriff D.S. et al. Poster preparation and presentation as a novel method of learning in medical biochemistry. <i>IOSR-JDMS.</i> 2017;16(5):49-51.	No	No
		6. Gunanithi. K. Sakthidasan.S. Serum albumin levels in uncontrolled type 2 diabetes mellitus- An observational study. <i>Medpulse international journal of biochemistry.</i> 2021;20(2):13-17.	No	No

SL.NO	Faculty Name	Publication in Vancouver referencing style.	Pubmed Indexed Yes/No	Scopes
3.	DR.T.Gopalakrishnan	1. T.Gopalakrishnan; N.muninathan. Vitamin D in different stages of gastric cancer. <i>Global journal for research analysis;</i> 2016;5(9):70.36	No	No
		2. T.Gopalakrishnan; N.Muninathan; Leptin expression in cardiovascular diseases. <i>International journal of scientific research.</i> 2016 5(11):69.48	No	No
		3. T. Gopalakrishnan. et.al. Study of effect of nutrition and sunlight exposure on bone mineral density in and around Kanchipuram district. <i>Scholars International journal of biochemisty.</i> 2020;3(10): 221-225.	No	No
		4. T. Gopalakrishnan. et.al .A study of metabolic syndrome in medical students: <i>International journal of applied biochemistry.</i> 2015; 3(2):1-8.	No	No
		5. J.Sivakumar, K. Ponnazhagan,. T. Gopalakrishnan. The protective effect of vitamin D and combination with liv-52 on lipid profiles in carbon tetrachloride-induced liver disease in wistar rats. <i>Asian journal of medical sciences.</i> 2021; 12(11):71-78.	No	No

SL.NO	Faculty Name	Publication in Vancouver referencing style.	Pubmed Indexed Yes/No	Scopus
4.	Mr.K.P.ShivaGovindan	1. Shivagovindan, Saleem Basha, Sheriff DS. A short review on the inter-relationship between thyroid function and diabetes mellitus. JBMAS.2015;7:5(3)	No	No
		2. Shivagovindan.K.P., Saleem B, Sathish Kumar et al. A Mini-Review on the Role of Kidney in Glucose Homeostasis in Normal and in Diabetes Mellitus. Medicine Journal. 2015; 2(5): 68-72	No	No
		3. K.P.Shivagovindan, Saleem Basha et al. A comparative study on serum lipoprotein (a) and lipid profile between rheumatoid arthritis patients and normal subjects. J Pharm Bioall Sci. 2015; 7:522-5.	Yes	No