

29. Department wise list of Faculty Members

Department of Biochemistry

Sl.No	Name of the faculty	Qualification	IMR Number (KMC.NO)	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/year.									
							Topics covered									
							2017	2018	2019	2020	2021					
01	Dr. Triveni A Jambale	MBBS,MD. Biochemistry	KMC-80199	Professor Joined On (30/08/2019)	Regular	<ul style="list-style-type: none"> GIMS.GADAG MBBS-Theory & Practical Clinical Laboratory. RGUHS Exam duty Covid-19-Fever Clinic, Asymptomatic Cases,ICU-Duties done along with Clinical Biochemistry Laboratory Duties 	Topics-19 -Introduction -Cell -Chemistry of proteins -Enzymes	Practical's-16 Colour reactions of Carbohydrates & proteins Case studies	Topics-30 -Nucleic Acid -Lipids	Practical's-16 Colour reactions of Carbohydrates & proteins Case studies	Topics-25 Lipids Nutrition	Practical's-19 Colour reactions of Carbohydrates & proteins Case studies	Topics-23 Proteins Nutrition	Practical's-15 Normal & Abnormal Urine Case studies	Topics-20 Nutrition Proteins Intermediary metabolism	Practical's-12 Normal & Abnormal Urine Case studies
								Theory & Practical DMLT-I,II,III rd DOT,DDT	Topics-13 -Nucleic Acid Chemistry & Metabolism	Practical's-07 Normal Urine	Topics-13 -Nucleic Acid Chemistry & Metabolism	Practical's-07 Normal Urine	Topics-13 Nucleic Acid Chemistry & Metabolism	Practical's-07 Normal Urine	Topics-13 Nucleic Acid Chemistry & Metabolism	Practical's-07 Normal Urine
02.	Dr.Smita.Kottagi.	MBBS,MD. Biochemistry	KMC-78483	Associate Professor Joined On 02/05/2019	Regular	<ul style="list-style-type: none"> GIMS.GADAG MBBS-Theory & Practical Clinical Laboratory. RGUHS Exam duty Covid-19-Fever Clinic, Asymptomatic Cases,ICU-Duties done along with Clinical Biochemistry Laboratory Duties 	Topics-23 - Intermediate Metabolism -Fat Soluble -Vitamins Carbohydrates Metabolism -Molecular genetics	Practical's-16 Estimation of NPN Substances & Hemen Crystals & Case studies	Topics-27 Radioactive isotopes - Proteins Genetics	Practical's-16 Estimation of NPN Substances Hemen Crystals Case studies	Topics-28 - Proteins -Waste Management. Genetics	Practical's-16 Estimation of NPN Substances Case studies	Topics-25 - Genetics -Nucleic Acid Carbohydrates Metabolism Biological Oxidation	Practical's-16 Estimation of NPN Substances Case studies	Topics-27 Genetics Biological Oxidation	Practical's-08 Estimation of Blood Glucose Glucometer & Case studies

						<ul style="list-style-type: none"> B.Sc Nursing-Theory.& DMLT- Theory & Practical 	Topics-13 Protein Metabolism	Practical's-07 Abnormal Urine analysis	Topics-13 Protein Metabolism	Practical's-07 Abnormal Urine analysis	Topics-13-07 Protein Metabolism	Practical's-07 Abnormal Urine analysis	Topics-13 Protein Metabolism	Practical's-07 Abnormal Urine analysis	Topics-13 Protein Metabolism	Practical's-06 Abnormal Urine analysis
03	Dr.Sadananjali.	MBBS,MD. Biochemistry	KMC-90510	Assistant Professor Joined On (10/06/2020)	Regular	<ul style="list-style-type: none"> ESIC/KBNIMS/ GIMS.GADAG MBBS-Theory & Practical Clinical Laboratory. RGUHS Exam duty Covid-19-Fever Clinic, Asymptomatic Cases,ICU-Duties done along with Clinical Biochemistry Laboratory Duties	Topics-02 -Lipid Chemistry&	Practical's-07 Abnormal Urine analysis	Topics-28 Lipid Chemistry Metabolism Genetics Immunology	Practical's-07 Estimation of Abnormal Urine analysis Unknown carbohydrates Case studies	Topics-22 Nucleotide chemistry & Metabolism -Lipid Chemistry & Metabolism	Practical-07 Estimation of NPN Substances Abnormal Urine analysis Case studies	Topics-23 Plasma proteins Acid base balance Hemoglobin chemistry Metabolism	Practical-07 CSF Fluid Analysis & Case Studies	Topics-28 Enzymes, -Cell. Carbohydrates Metabolism	Practical-07 CSF Fluid Analysis& Case Studies
						<ul style="list-style-type: none"> B.Sc Nursing-Theory. Dental BDS Theory & Practical DMLT- Theory & Practical 	Topics-01 Carbohydrate chemistry	Practical's-03 Abnormal Urine	Topics-22 Carbohydrate chemistry Metabolism Vitamins Minerals	Practical's-07 Estimation of Blood urea Serum& Urinary Creatinin	Topics-20 Cell Carbohydrate chemistry metabolism	Practical's- Lipid Chemistry metabolism & Immunology	Topics-20 Demonstration Experiment	Topics-20 ELISA, RIA, Photometry, and colorimetry	Practical's-07 CSF Fluid Analysis	
04	Mr.Ananda.K.M.	M.Sc. Medical Biochemistry	-----	Assistant Professor Joined On 27/11/2018	Contract	<ul style="list-style-type: none"> GIMS.GADAG MBBS-Theory & Practical Clinical Laboratory. RGUHS Exam duty Clinical Biochemistry Laboratory Duties,& Skill India courses Sample collections and trainer.	Topics-19 -Water Soluble Vitamins -Chemistry of Carbohydrates	Practical's-09 Serum Creatinine Estimation of Urea Creatinine Glucose & Case Studies	Topics-19 Metabolism Immunology Chemistry of Carbohydrates	Practical's-09 Serum Creatinine Estimation of Urea Creatinine Glucose & Case Studies	Topics-18 Electrolytes. -Quality Control -S.I.Units -Nucleic Acid -Acid Base balance.	Practical's-09 Serum Creatinine Estimation of Urea Creatinine Glucose & Case Studies	Topics-18 Metabolism -Acid Base balance. Carbohydrates	Practical's-09 Serum Creatinine Estimation of Urea Creatinine & Case Studies	Topics-19 Acid Base balance -- Heme --Nucleic Acid	Practical's-09 Serum Creatinine Estimation of Urea & Case Studies
						<ul style="list-style-type: none"> B.Sc Nursing-Theory.& DMLT- Theory & Practical 	Topics-20 - Carbohydrates & enzymes	Practical's-07 Estimation of LFT	Topics-20 Carbohydrates & enzymes	Practical's-07 Estimation of LFT	Topics-20 Carbohydrates & enzymes	Practical's-07 Estimation of LFT	Topics-20 Carbohydrates & enzymes	Practical's-07 Estimation of LFT	Practical's-07 Estimation of LFT	

05	Mr. Manjunatha.G.O.	M.Sc. Medical Biochemistry	-----	Tutor 03/02/2016	Contract	<ul style="list-style-type: none"> GIMS.GADAG MBBS-Theory & Practical Clinical Laboratory. RGUHS Exam duty Clinical Biochemistry Laboratory Duties 	Topics-20 -Heme -Minerals -Nucleotide Metabolism	Practical's-07 Estimation of Total Protein& Albumin& Case Studies	Topics-16 -Vitamins -Heme -Collagen -tissue biochemistry -Acid-base balance	Practical's-07 Estimation of Total Protein& Albumin Case Studies	Topics-19 - Heme Immunology - tissue Proteins	Practical's-07 Estimation of Total Protein& Albumin Case Studies	Topics-20 - Heme Immunology Automation -Quality Control -SI-units	Practical's-07 Estimation of Total Protein& Albumin Case Studies	Topics-16 Minerals -Vitamins Radioisotopes	Practical's-07 Estimation of Total Protein& Albumin Case Studies
						<ul style="list-style-type: none"> B.Sc Nursing-Theory. DMLT- Theory & Practical 	Topics-20 Minerals Acid Base Salt & Indicators	Practical's-07 Instrumentation and automations	Topics-16 Minerals Acid Base Salt & Indicators	Practical's-07 Instrumentation and automations	Topics-19 Minerals Acid Base Salt & Indicators	Practical's-07 Instrumentation and automations	Topics-20 Minerals Acid Base Salt & Indicators	Practical's-07 Instrumentation and automations	Topics-16 Minerals Acid Base Salt & Indicators	Practical's-07 Instrumentation and automations

06	Mr.Basalingappa..	M.Sc. Medical Biochemistry	-----	Tutor 26/12/2017	Contract	<ul style="list-style-type: none"> GIMS.GADAG MBBS-Theory & Practical Clinical Laboratory. RGUHS Exam duty Clinical Biochemistry Laboratory Duties 	Topics-04 -Radioisotopes -Immunology	Practical's-07 Case studies	Topics-24 -Minerals -Cancer Aging hormones -Quality Control - Biological Oxidation SI-units Standardization	Practical's-07 Colorimeter Spectrophotometer & Case Studies	Topics-18 - Minerals -Vitamins - Radioisotopes Spectrophotometer & Case Studies	Practical's-07 Colorimeter Spectrophotometer & Case Studies	Topics-18 -Minerals -Cancer Aging hormones -Vitamins -tissue proteins	Practical's-07 Colorimeter Spectrophotometer & Case Studies	Topics-18 Collagen -tissue biochemistry -Acid-base balance	Practical's-07 Colorimeter Spectrophotometer & Case Studies
						<ul style="list-style-type: none"> B.Sc Nursing-Theory. DMLT- Theory & Practical 	Topics-20 Minerals Acid Base Salt & Indicators	Practical's-07 Estimation of KFT	Topics-16 Minerals Acid Base Salt & Indicators	Practical's-07 Estimation of KFT	Topics-19 Minerals Acid Base Salt & Indicators	Practical's-07 Estimation of KFT	Topics-20 Minerals Acid Base Salt & Indicators	Practical's-07 Estimation of KFT	Topics-16 Minerals Acid Base Salt & Indicators	Practical's-07 Estimation of KFT

N.B.

1. Publications by faculty should be attached as annexure.
2. Publications should be quoted in Vancouver referencing style.
3. Medical Educator Training/ research methodology and dates

*To be updated every new session/academic year

**To be updated on 1st October each year

ANNEXURE-1
Department of Biochemistry.

Sl. No	Faculty Name	Publication in Vancouver referencing style.	Pubmed Indexed Yes/No	Scopes
01	Dr. Triveni A Jambale	1) Jambale T A, Halyal SS, Murthy JDS. Study of serum malondialdehyde, nitric oxide, vitamin e levels in patients with rheumatoid arthritis. Int J med Res Health Sci. 2014;3(2):322-325.	Yes	
		2) Swapna V. S, Jambale T A, Murthy JDS. Study of urinary calcium and urinary creatinine levels and urinary calcium/creatinine ratio in gestational hypertensive patients. J of Evolution of Med and Dent Sci.2015;4(2): 2278-4748.		
		3) Swapna V. S, Jambale T A, Murthy JDS. Study of urinary microalbumin/ creatinine levels and ratio in gestational hypertensive patients. Int J R Trends Sci Tech.2015;15(3):451-454.		
		4) Deshpande A, Jambale T A , Afshan A. Effect of chronic flour dust exposure on pulmonary functions of flour mill workers. Int J Health Sci Res.2015; 5(6):280-285.		
		5) Rajni s, Taj Raheem, Jambale T A. Study of Serum Lipids in Hypothyroidism. Indian J Public Health Res & Development.2014; 5(4):253-255.		
		6) Jambale T A, Deeba Z, Halyal S S. Study of serum calcium/ phosphorus in rheumatoid arthritis patients. Int J Clin Bio Res. 2017;4(1):103-105.		
		7) Deeba Z, Jambale T A, Swamy GPM, Murthy JDS. Study of levels of malondialdehyde, super oxide dismutase and hsCrp in serum of non-obese patients with polycystic ovarian syndrome. Int J Clin Bio Res. 2017;4(2):191-194.		
		8) Swapna V. S, Jambale T A, Anand K M. A study of association of serum uric acid and hypertension in the patients at tertiary health care center. MedPulse Int J Bio. 2017; 4(1): 19-21.		
		9) Kottagi S, Jambale T A , Deshpande S , Malagi A. Atherogenic index of plasma in subclinical hypothyroidism. MedPulse Int J Bio. 2017; 4(2): 51-53.		
		10) Kottagi S, Jambale T A , Deshpande S , Malagi A. Risk of hypertension in subclinical hypothyroidism. MedPulse Int J Bio. 2017; 4(2): 54-57.		
		11) Kottagi S, Jambale T A , Deshpande S , Malagi A. Age specific distribution of subclinical hypothyroidism. MedPulse Int J Bio. 2017; 4(2): 70-72.		
		12) Kottagi S, Jambale T A , Deshpande S , Malagi A. A study on prevalence of subclinical hypothyroidism in rural women MedPulse Int J Bio. 2017; 4(2): 84-86.		
		13) Kottagi S, Jambale T A , Deshpande S. Castelli risk indices as useful indicators of atherogenic risk in subclinical hypothyroidism. Int J Clin Bio Res. 2017;4(4):432-434.		
		14) Swapna V S, Jambale T A, Javerappa D, Deshpande S. Study of serum Malondialdehyde, nitric oxide and vitamin E in rheumatoid arthritis patients before and after the supplementation of vitamin E. MedPulse Int J Bio. 2018; 7(1): 5-8.		
		15) Swapna V S, Jambale T A, Ananda K M, Manjunatha G O. Study of serum uric Acid level in adolescents who were born preterm. Int J Biotec Bio.2018; 14(3):193-197.		
		16) Karigar A.H. Jambale T.A. Deshpande A. Kottagi.S. Study of lung function changes in asymptomatic smokers. EJMCM.2020;7(11):8766-8769		Yes
		17) Karigar A.H. Jambale T.A. Deshpande A, Deshpande A.A.. Study of effect of smoking on forced expiratory flow during 25-75% of expiration (FEF 25-75%). EJMCM.2021:8(3)2938-2941.		Yes
		18) Kottagi S. Jambale T.A. Channashetti G, Belgoankar R, Deshpande S. Role of vitamin D in Type 2 Diabetes Mellitus and its Impact on Diabetic Retinopathy. IJMSCR.2021:4(2):808-815		Yes

02.	9 Dr.Smita.Kottagi.	1. Smita Kottagi, Triveni Jambale ,Gajanan Channashetti, Rashmi Belgoanker,Srinivas Deshpande ,Role of Vitamin D in Type 2 Diabetes Mellits and its Impact on Diabetic Retinopathy. International Journal of Medical science and current Research, 2021;4:808-815.		
		2. Dr Arun, Dr Triveni, Dr Anpriya, Dr Smita , Study of Lung function changes in asymptomatic smokers. Europen Journal of Moleclar and Clinical medicine . 2020;07:8766-8773.		
		3. Smita Kottagi, Triveni Jambale,Srinivas Deshpande, Amareshwar Malagi .Age specific distribution of subclinical Hypothyroidism. , MedPulse International Journal of Biochemistry, 2017 ;4: 70-72.		
		4. Smita Kottagi, Triveni Jambale,Srinivas Deshpande, Amareshwar Malagi Risk of hypertension in subclinical hypothyroidism ., MedPulse International Journal of Biochemistry, 2017 ;4: 54-57.	NO	
		5. Smita Kottagi, Triveni Jambale,Srinivas Deshpande Castelli risk indices as useful indicators of atherogenic risk in subclinical hypothyroidism . International Journal of Clinical Biochemistry and Research, 2017;4(4):432-434		
		6. Smita Kottagi, Triveni Jambale ,Srinivas Deshpande, Amareshwar Malagi .Atherogenic index of plasma in subclinical Hypothyroidism. MedPulse International Journal of Biochemistry, 2017 ;4(2): 70-72.		
		7. Smita Kottagi, Triveni Jambale,Srinivas Deshpande ,Cardiovascular disease risk factors and its association with subclinical hypothyroidism . International Journal of Clinical Biochemistry and Research, October-December 2017;4(4):435-438.		
		8. Smita Kottagi, Triveni Jambale ,Srinivas Deshpande, Amareshwar Malagi .A study on prevalence of subclinical Hypothyroidism in rural women, MedPulse International Journal of Biochemistry, 2017 ;4(2): 84-86.		
		9 Smita S. Kottagi, Dileep B. Rathi, Nilima N. Dongre.Evaluation of LDL-Cholesterol / HDL-Cholesterol Ratio as Predictor ofDyslipidemia in Subclinical Hypothyroidism . JKIMSU, 2014;3(1):34-40.		
		10 S. S. Kottagi , G. D. Channashetti. Cardiovascular risk in subclinical hypothyroidism due to dyslipidemia . International journal of pharmaceutical and biological sciences archieve 2(8)2014,06-10 .		
03	Dr.Sadananjali.	1. Sadananjali, Manasa Dr. serum electrolyte study among patients with pre-eclampsia at tertiary health care center, Medpulse International journal of Biochemistry.2019;11(1);37-40 2. Sadananjali, Manasa Dr, Relationship between glycemice content & serum uric acid level in acute MI Medpulse International journal of Biochemistry.2019;10(2):24-27	NO	
04	Mr.Ananda.K.M.	1. Swapna V.S. Jambale T.A, Mr Anand , A study of association of serum uric acid and hypertension in the patients at tertiary health care center	YES	

HEAD OF THE DEPARTEMENT
DEPARTMENT OF BIOCHEMISTRY
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		1. Jambale T.A, Halyal S.S. Murthy J.P. Study of serum MAD, NO, Vit E levels in patients with RA. Int J med Res Health Sci.2014;3(2);322-325	Yes	-----
		2. V.S.Swapna, Jambale T.A. Murthy J.P. Study of urinary calcium and urinary creatinine levels and Urinary calcium/creatinine ration in Gestational hypertensive patients of Evolution of Med and Dent Sci.2015;4(53);9145-9147.	-----	-----

01	Dr. Triveni A Jambale	3. Swapna V.S. Jambale T.A. Murthy J.P. Study of Urinary micro albumin/Creatine levels and ratio in gestational hypertensive patients.DOI:01Julu2015.		
		4. Deshpande A, Jambale T.A, Afshan A. Effect of chronic Flour Dust Exposure on Pulmonary functions of flour mill workers. Int. J of Health Sci & Res. 2015;5(6): 280-282.		
		5. Swapna V.S. Jambale T.A, Mr Anand , A study of association of serum uric acid and hypertension in the patients at tertiary health care center.		
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		8. Kottagi S. Jambale T.A. Channashetti G, Belgoankar R, Deshpande S. Role of vitamin D in Type 2 Diabetes Mellitus and its Impact on Diabetic Retinopathy. IJMSCR.2021:4(2):808-815		Yes
		19) Jambale T A, Halyal SS, Murthy JDS. Study of serum malondialdehyde, nitric oxide, vitamin e levels in patients with rheumatoid arthritis. Int J med Res Health Sci. 2014;3(2):322-325. 20) Swapna V. S, Jambale T A, Murthy JDS. Study of urinary calcium and urinary creatinine levels and urinary calcium/creatinine ratio in gestational hypertensive patients. J of Evolution of Med and Dent Sci.2015;4(2): 2278-4748. 21) Swapna V. S, Jambale T A, Murthy JDS. Study of urinary microalbumin/ creatinine levels and ratio in gestational hypertensive patients. Int J R Trends Sci Tech.2015;15(3):451-454. 22) Deshpande A, Jambale T A , Afshan A. Effect of chronic flour dust exposure on pulmonary functions of flour mill workers. Int J Health Sci Res.2015; 5(6):280-285. 23) Rajni s, Taj Raheem, Jambale T A. Study of Serum Lipids in Hypothyroidism. Indian J Public Health Res & Development.2014; 5(4):253-255. 24) Jambale T A, Deeba Z, Halyal S S. Study of serum calcium/ phosphorus in rheumatoid arthritis patients. Int J Clin Bio Res. 2017;4(1):103-105. 25) Deeba Z, Jambale T A, Swamy GPM, Murthy JDS. Study of levels of malondialdehyde, super oxide dismutase and hsCrp in serum of non-obese patients with polycystic ovarian syndrome. Int J Clin Bio Res. 2017;4(2):191-194. 26) Swapna V. S, Jambale T A, Anand K M. A study of association of serum uric acid and hypertension in the patients at tertiary health care center. MedPulse Int J Bio. 2017; 4(1): 19-21. 27) Kottagi S, Jambale T A , Deshpande S , Malagi A. Atherogenic index of plasma in subclinical hypothyroidism. MedPulse Int J Bio. 2017; 4(2): 51-53. 28) Kottagi S, Jambale T A , Deshpande S , Malagi A. Risk of hypertension in subclinical hypothyroidism. MedPulse Int J Bio. 2017; 4(2): 54-57. 29) Kottagi S, Jambale T A , Deshpande S , Malagi A. Age specific distribution of subclinical hypothyroidism. MedPulse Int J Bio. 2017; 4(2): 70-72. 30) Kottagi S, Jambale T A , Deshpande S , Malagi A. A study on prevalence of subclinical hypothyroidism in rural women MedPulse Int J Bio. 2017; 4(2): 84-86. 31) Kottagi S, Jambale T A , Deshpande S. Castelli risk indices as useful indicators of atherogenic risk in subclinical hypothyroidism. Int J Clin Bio Res. 2017;4(4):432-434. 32) Swapna V S, Jambale T A, Javerappa D, Deshpande S. Study of serum Malondialdehyde, nitric oxide and vitamin E in rheumatoid arthritis patients before and after the supplementation of vitamin E. MedPulse Int J Bio. 2018; 7(1): 5-8. 33) Swapna V S, Jambale T A, Ananda K M, Manjunatha G O.Study of serum uric Acid level in adolescents who were born preterm. Int J Biotec Bio.2018; 14(3):193-197.		
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03	Dr.Sadananjali.	3. Sadananjali, Manasa Dr. serum electrolyte study among patients with pre-eclampsia at tertiary health care center, Medpulse International journal of Biochemistry.2019;11(1);37-40 4. Sadananjali, Manasa Dr, Relationship between glycemice content & serum uric acid level in acute MI Medpulse International journal of Biochemistry.2019;10(2):24-27	NO	
04	Mr.Ananda.K.M.	2. Swapna V.S. Jambale T.A, Mr Anand , A study of association of serum uric acid and hypertension in the patients at tertiary health care center	YES	