

GENERAL INFORMATION ABOUT THE DEPARTMENT

The Physiology department at BMCRI was started in 1955. The department has 6 labs which includes hematology, amphibian lab experiments ,mammalian experiments , human experiments , clinical physiology and research lab. There is also a departmental library. There are 5 recognised PG seats every year.

TEACHING FACULTY

SL.NO	NAME	QUALIFICATION	DESIGNATION
1.	Dr. Girija B	MBBS MD	PROF&HOD
2.	Dr. Kusumadevi M S	MBBS MD	PROFESSOR
3.	Dr. Venkatesh S	MBBS MD	PROFESSOR
4.	Dr .Suguna S	MBBS MD	PROFESSOR
5.	Dr .Shashikala K T	MBBS MD	ASSOCIATE PROFESSOR
6.	Dr .Sowmya R	MBBS MD	ASSISTANT PROFESSOR
7.	Dr .Prashant K S	MBBS MD	ASSISTANT PROFESSOR
8.	Dr .Sushma S	MBBS MD	ASSISTANT PROFESSOR

NON TEACHING FACULTY

SL.NO	NAME	DESIGNATION
1.	Meenakshi N Rao	Technican
2.	Jayamma	Lab attendant
3.	Vasantha	Store keeper
4.	Mahadevamma R	Lab attendant

ACADEMIC ACTIVITIES

	UG	PG
THEORY CLASSES	22/MONTH	22/MONTH
PRACTICAL CLASSES	22/MONTH	5/MONTH
SEMINAR	10/MONTH	5/MONTH
JOURNAL CLUB	-	5/MONTH
GUEST LECTURES	1 IN 6 MONTHS	
CASE PRESENTATIONS		
ANY OTHER		

RESEARCH ACTIVITIES

CONFERENCE PRESENTATIONS-2019/20 :

SL.NO	TITLE OF THE PROJECT	NAME&DESIGNATION OF PRINCIPAL INVESTIGATOR	DETAILS
1.	A comparison of plasma HDL-C levels in moderate intensity versus high intensity intermittent exercise among young adults	Dr.R.Vidhyalakshmi, final year PG	Oral presentation/National conference ANXIEICON
2.	Correlation of emotional intelligence with perceived stress and sleep quality among female resident doctors in bangalore	Dr.R.Vidhyalakshmi, final year PG	Poster presentation/ASSOPICON mysore
3.	Effect of computer usage on visual reaction time in information technology professionals in Bangalore city	Dr.Sini Sreenivasan ,final year PG	Poster presentation/ASSOPICON mysore
4.	Effect of duration of disease ,and glycemic control on attention,executive functions and visual reaction time in type 2 diabetes mellitus patients in Bangalore city	Dr.Sini Sreenivasan ,final year PG	Oral presentation/National conference ANXIEICON

5.	Effect of short term practice of Bramahri pranayama on sleep quality and perceived stress in school students	Dr.Abhishek Kumar,final year PG	Poster presentation/B-ICONBAP2020
6.	Effect of short term practice of Bramahri pranayama on cognitive performance in school students	Dr.Abhishek Kumar,final year PG	Oral presentation/BMS ECON
7.	Does ancient sleep modality improve quality of sleep in young adults	Dr.Shrimukhi G, final year PG	Poster presentation/ASSOPICON mysore
8.	Effect of partial sleep deprivation on cognition in young adults	Dr.Shrimukhi G, final year PG	Oral presentation/National conference ANXIECON
9.	Visual or Auditory :The effective learning modality in multimodal learners	Dr.Swati Kurdekar , final year PG	Poster presentation/National conference ANXIECON
10.	The study of reactive oxygen species in type 2 diabetes mellitus and its relation with glycemic control.	Dr.Swati Kurdekar , final year PG	Oral presentation/ASSOPICON mysore

Publications of the faculty and students 2019/20:

SL.NO	PUBLICATIONS IN VANCOUVER STYLE	NATIONAL/INTERNATIONAL
1.	Sneha G D, Girija B. A study to quantify and compare stress levels & Lipid profile in working and non-working women of Bangalore. International Journal of Physiology 2020 8(1): 110-13	INTERNATIONAL
2.	Sreenivasan S, Kusumadevi M S. Effect of computer usage on visual reaction time in information technology professionals of Bangalore city. International Journal of Physiology 2020; 8(1):102	INTERNATIONAL

3.	Sreenivasan S, Kusumadevi M S. Effect of duration of disease and glycemic control on attention, executive function and visual reaction time in type 2 diabetes mellitus patients of Bangalore. International Journal of Physiology 2020; 8(1):106	INTERNATIONAL
4.	Kavya Patil, KusumadeviM S. Impact of single use of energy drink on blood pressure and heart rate in healthy medical students. International journal of physiology 2019;7(1):105	INTERNATIONAL
5.	Suguna S, KusumadeviM S. Correlation between non-high-density lipoprotein-cholesterol and HbA1c levels in patients with type 2 diabetes mellitus of Bengaluru city. International journal of physiology. 2019;7(3):115-119	INTERNATIONAL
6.	Suguna S, KusumadeviM S. Relationship between Vit D and HbA1c levels in patients with type 2 diabetes of Bengaluru city. International journal of physiology.2019;7(3)109	INTERNATIONAL
7.	Suguna S, KusumadeviM S. Correlation of HbA1c levels with monocyte lymphocyte and platelet lymphocyte ratios in type 2 diabetics of Bengaluru city. International journal of physiology. 2019;7(3)104	INTERNATIONAL
8.	Kusumadevi M S, Sushma S. exam anxiety related to exam preparation time and number of hours of sleep and comparison of exam anxiety among rural and urban, Hosteller and Non -Hosteller first year MBBS students. International Journal of Physiology 2020; 7(3): 169-73	INTERNATIONAL
9.	Suguna S, KusumadeviM S. Correlation between non-high-density lipoprotein-cholesterol and HbA1c levels in patients with type 2 diabetes	INTERNATIONAL

	mellitus of Bengaluru city. International journal of physiology. 2019;7(3):115-119	
10.	Suguna S, M S Kusumadevi. Relationship between Vit D and HbA1c levels in patients with type 2 diabetes of Bengaluru city. International journal of physiology.2019;7(3)109- 113	INTERNATIONAL
11.	Suguna S, M S Kusumadevi. Correlation of HbA1c levels with monocyte lymphocyte and platelet lymphocyte ratios in type 2 diabetics of Bengaluru city. International journal of physiology. 2019;7(3)104- 108	INTERNATIONAL
12.	Suguna S, Shruthi B R. A comparative study to assess Quality of sleep among swimmers and non-swimmers. International journal of physiology. 2018;6(1)	INTERNATIONAL
13.	Madhavi K, Suguna S. Neutrophil- Lymphocyte ratio, a risk predictor in patients with Type 2 Diabetes Mellitus. International journal of physiology.2017; 5	INTERNATIONAL
14.	Suguna S, Vidhyalakshmi R. A comparison of plasma HDL-C levels in moderate intensity continuous exercise versus high intensity intermittent exercise among young adults. International Journal of Physiology. 2019; 7(3)	INTERNATIONAL
		INTERNATIONAL
15.	Suguna S, Kusumadevi M S. Correlation between non-high-density lipoprotein-cholesterol and HbA1c levels in patients with type 2 diabetes mellitus of Bengaluru city. International journal of physiology. 2019;7(3):115-119	INTERNATIONAL
16.	Sneha J, Shashikala K T. A comparative study on different types attention in	INTERNATIONAL

	Abacus users and non	
17.	Sneha J, Shashikala K T. a comparative study of sleep quality in athletes and non	INTERNATIONAL
18.	Sowmya R, Ganesh P. Gender differences in spatial localisation of sound in Azhimuthal plane in normally sighted young adults. International Journal of Physiology. 2019; 7(2): 150	INTERNATIONAL
19.	Sowmya R, Ganesh P. spatial localisation of sound in early blind during spatial bisection task & minimum audible angle task. International Journal of Physiology. 2019; 7(2): 164	INTERNATIONAL
20.	Ganesh P, Sowmya R. Spatial localisation of sound in late blind during spatial bisection task and minimum audible angle task. International Journal of Physiology. 2019; 7(3):196	INTERNATIONAL
21.	Shrimukhi G Sowmya R. Effect of partial sleep deprivation on cognition in young adults. International journal of physiology 2020;8(2)157-161	INTERNATIONAL
22.	Mamatha Shree C, Prashanth K S, Girija B. effect of Short-term Pranayama on Perceived stress, Sleep quality, heart rate and Blood Pressure 2018; 7(2):111-15	INTERNATIONAL
23.	Swati K, Sushma S. Visual or auditory: The effective Learning modality in Multimodal learners. International Journal of Physiology. 2020; 8(2)	INTERNATIONAL
24.	Swati K, Sushma S. the study of Reactive Oxygen species (ROS) production in Type 2 Diabetes Mellitus and its relation with Gycemic control. International Journal of	INTERNATIONAL

	Physiology 2020; 9(1)	
25.	Sanjay M G, Sushma S. The study of influence of psychosocial rehabilitation on the Immunomodulatory Role of alcohol Dependence on Neutrophil Oxidative Burst Mechanism. International Journal of Physiology 2020; 8(4)	INTERNATIONAL
26.	Uday K D, Sushma S. The study of Neuropsychological functions in Myopes following an Intervention of Trataka Yoga Kriya. International Journal of Physiology 2020; 8(4)	INTERNATIONAL
27.	Kusumadevi M S, Sushma S. exam anxiety related to exam preparation time and number of hours of sleep and comparison of exam anxiety among rural and urban, Hosteller and Non-Hosteller first year MBBS students. International Journal of Physiology 2020; 7(3): 169-73	INTERNATIONAL

CME CONDUCTED BY THE DEPARTMENT IN 2019/20:

TITLE	DATE	LEVEL	CREDIT POINTS
STRESS AND CARDIOVASCULAR DISEASE	6/9/2019	NATIONAL	6

AWARDS/ACHIEVEMENTS

1. Dr. Swati Kurdekar won the second prize in the E-Poster category for the project titled "Visual or Auditory :The effective learning modality in multimodal learners" in the national conference ANXIECON 2019 ,CHENNAI

SL.NO	TITLE OF THE PROJECT	NAME&DESIGNATION OF PRINCIPAL INVESTIGATOR
1.		