

**Department of Physiology**  
**Please Type inside the Rows provided in this Sheet**

**I. Contact Information of the Department**

Department E-mail ID	<b>physiology@sdumc.ac.in</b>
Ext. No. HoD	<b>109</b>
Ext. No. Office	<b>105 &amp; 165</b>

**II. INTRODUCTION**

A brief introduction about the Department which should include  
(Please type inside the rows only, Use additional rows if necessary)

<b>Various divisions / sections under the dept.</b>
It has a well-structured dynamic programme for both undergraduate and postgraduate students supervised by well qualified staff with a passion for teaching.
Academic and extracurricular performances of students are closely monitored with a strong mentorship programme encouraged by the institution.
<b>When and What PG course / PhD / Fellowship were started in the dept.</b>
It was upgraded as a postgraduate department in 2003 with a permission to take in 3 students per year.
Imparting knowledge of physiology to para medical courses for nursing (BSc & GNM), lab technicians, radiographers, OT technicians also come under its purview
This year Master in Public Health, Molecular Biology & Allied Health Sciences courses were introduced
Ph.D in Physiology and Medical Education was also started
<b>Various services offered by the dept.</b>
Pulmonary function test are conducted on patients referred from R.L.Jalappa Hospital.
Nerve conduction test are also conducted on patients referred from R.L.Jalappa Hospital.
<b>Instruments / Devices and Expertise worth mentioning</b>
1. Pulmonary function test instrument / Computerized spirometry.
2. Nerve conduction study instrument
3. Treadmill machine
4. HRV analyzer
<b>Any notable achievements of the dept.</b>
PG - 100 % Results
UG - 79.41 % Results
<b>Any other information of the Dept. which is worth mentioning</b>
Special areas of research interests are medical education, Diabetes Mellitus, cardio respiratory and occupational health.
A CME on current topics are organized every year which are always well attended. On 21st September on World Alzheimer's Day the department holds awareness programmes which may vary from lectures, film shows to conduction of cognition tests for senior citizens

**Department of Physiology**  
**Please Type inside the Rows provided in this Sheet**

**III. Vision & Mission Statement & Objectives of the Dept.**

**Vision of the Department**

To create a department that fosters academic excellence & research aptitudes amongst faculty & students and to equip students to rise to challenges of the medical profession.
--

**Mission of the Department**

To enhance comprehension of Physiological concepts in the background of understanding various diseases.
To provide opportunities for research & professional developments
To inculcate the principles of professional ethics
To make the department a center for innovative teaching learning methods

**Objectives of the Department**

1. To achieve 100% pass percentage in postgraduate university examinations
2. To achieve 90% pass percentage in undergraduate university examinations
3. All postgraduates to design, complete and present one small project other than their thesis work
4. All postgraduates to publish at least one paper during their tenure
5. All faculty members to attend at least one national conference a year
6. All faculty members to publish at least one paper in two years
7. To hold at least one CME/ Workshop/Conference per year

**IV. Updated List of HoD's**

Sn	Name	From	To
1	Dr.D.L.Ramchandra	17-12-1986	31-01-2001
2	Dr.Venkatesh	01-02-2001	30-11-2001
3	Dr.NachalAnnamalai	01-12-2001	30-08-2011
4	Dr.KarthiyaneeKutty	02-09-2011	Till date

**Department of Physiology**  
**Please Type inside the Rows provided in this Sheet**

**V. Updated Faculty List as on the day of Submission**

**(Prof / Assoc Prof / Asst Prof / Lect / Sr. Resident / Tutor / PG cum Tutor / Jr. Res)**

<b>Sn</b>	<b>Name</b>	<b>Qualifications</b>	<b>Designation</b>	<b>Contact Address (of Kolar Only) Mobile/Ext Nos. / E-mail</b>
1	Dr. KarthiyaneeKutty.T	MBBS, MD	Professor & HOD	9845152480
2	Dr. Sunanda V Nayak	M.Sc, Ph.D	Professor	9880294399
3	Dr. VinuthaShankar.M.S	MBBS, MD	Professor	9845065374
4	Dr. Jagadamba.A	MBBS, MD	Assistant Professor	9740620782
5	Dr. Pillaram Raja Reddy	MBBS, MD	Assistant Professor	9618082296
6	Dr.Geetha.S	MBBS, MD	Assistant Professor	9964015609
7	Dr.Vineetha Vittal	MBBS, MD	Lecturer	9632998876
8	Mrs.UshaG Shenoy	M.Sc	Lecturer	9880633910

**VI. PROFILE OF FACULTY (Professors, Assoc. Prof, Asst. Prof)**

<b>Sn</b>	<b>Faculty</b>	<b>Contact Information (Tel. No. / E-mail)</b>	<b>Experience -No. of yrs of Teaching Experience</b>	<b>Areas of Interest in Teaching &amp; Research</b>	<b>Any Important Achievements (Awards, Hon's, )</b>	<b>Additional Charge held</b>
1	Dr.Karthiyanee Kutty.T	9845152480	21 Years	Medical Education, Exercise Physiology	NIL	BOS Chairman
2	Dr.Sunanda.V.Nayak	9880294399	32 Years	Medical Education	NIL	PG Teaching monitoring, Womens Empowerment member
3	Dr.Vinutha Shankar.M.S	9845065374	16 Years	Medical Education, Neurophysiology	NIL	Dept. Dissertation Committee Student Ethics Committee Chairman

**Department of Physiology**  
**Please Type inside the Rows provided in this Sheet**

4	Dr.Jagadamba.A	9740620782	6 Years	Medical Education, Cardiometabolic Physiology, Neurophysiology	NIL	Dept. Registrar, UG Teaching monitoring BOS Member
5	Dr. Pillaram Raja Reddy	9618082296	5 ½ Years	Cardiometabolic Physiology	NIL	College Magazine Committee Member, NSS Programmee Officer, Sports Committee Member, Anti Ragging Committee Member.
6	Dr.Geetha.S	9964015609	5 Years	Medical Education, Neurophysiology	NIL	Faculty development meeting, SDUAHER Asst. Registrar
7	Dr.Vineetha Vittal	9632998876	3 ½ Years	Cardiometabolic Physiology & Yoga	NIL	Web site Update
8	Mrs.UshaG Shenoy	9880633910	16 Years	Cognition, Medical Education	NIL	Statistical review – CIMS & HIMS, Allied Health Sciences

**Department of Physiology**  
**Please Type inside the Rows provided in this Sheet**

**VII. Research Publications of Faculty in the last five years 2010-14**

<b>Sn</b>	<b>Research paper title</b>	<b>Authors Names</b>	<b>Journal Details (In Vancouver Style Only)</b>
1	A study of association of low density lipo protein levels and glycaemic control in type-2diabetes mellitus	Yathish TR, Annamalai N, Shankar V.	Electronic physician 2010; 2: 24-32.
2	Visual evoked potentials in non-insulin dependent diabetes mellitus without retinopathy: A pilot study.	Bhanu R., Vinutha S, Kutty K, Annamalai N.	Current Neurobiology 2012; 3 (1):55-59.
3	Ischaemic heart disease and glycaemic control in type-2 diabetes mellitus by questionnaire method.	Yathish TR, Nachal Annamalai, Vinutha Shankar.	Pak J Physiol 2012; 6:50-53.
4	Relation between anthropometric measurements and serum lipid profile among cardiometabolically healthy subjects: A pilot study.	Sumit Garg, Vinutha Shankar, Karthiyane Kutty, Nachal Annamalai.	Indian J Endocrinol Metab 2012 ; 16: 857–858.
5	Study of prevalence and stages of diabetic nephropathy in rural tertiary care centre – south India.	Raja Reddy P, Jayarama N. Lakshmaiah V, Anil NS.	Journal of Medicine and public health 2012;5: 17-22.
6	Neck circumference as an anthropometric measure of obesity in diabetes.	Jagadamba Aswathappa, Sumit Garg, Karthiyane Kutty, Vinutha Shankar.	North American Journal of Medical Sciences 2013;5:1-4.
7	The association between estimated average glucose levels and fasting plasma glucose levels in a rural tertiary care centre.	Raja Reddy P, Reethesh RP, Mahesh V	GJMEDPH 2013;2:1-5.
8	A study of some anthropometric variables and lipid profile in diabetic and non-diabetics in rural kolar.	Raja Reddy, Mahesh V.	International Journal of Basic and Applied Medical Sciences 2013;3:263-266.
9	Anthropometric correlation of lipid profile in healthy people in rural kolar.	Raja Reddy P, Jayarama N, Mahesh V.	International interdisciplinary research journal 2013;3:252-257

## Department of Physiology

**Please Type inside the Rows provided in this Sheet**

10	Association among HbA1c and lipid profile in Kolar type 2 diabetic population.	Raja Reddy P, Jayarama N, Shashidhar K N.	Journal of Pharmaceutical and Science Innovation 2013;2:10-12.
11	Physiological and Biochemical markers to assess the risk factors for diabetic nephropathy – a retrospective rural hospital based case control study.	Raja Reddy P, Shashidhar KN, Karthiyanee Kutty , Lakshmaiah V.	Journal of Biological and Scientific Opinion 2014;5:15-17.
12	Serum Insulin and Glucose Tolerance in Hypo and Hyperthyroid States.	Raja Reddy P, Vinutha Shankar M.S, Nachal Annamalai and Anil NS.	The Journal of Physiology and Health Photon 110 2014; 242-246.
13	Risk of type 2 diabetes mellitus in medical students.	Sumit G, Jagadamba A, Vinutha S, Karthiyanee K.	International Journal Of Comprehensive Medical Physiology And Research 2014;1:6-9.
14	Relationship between waist hip ratio and lipid profile in type 2 diabetes mellitus patients.	Jayarama N, Raja Reddy P, Madhavi Reddy M , Mahesh V.	Asian Journal of Medical Sciences 2014;5:51-53.
15	Grain and milling quality of barley and their suitability for preparation of traditional south Indian products.	Madhavi Reddy .M, Raja Reddy.P, Raghavendra Prasad BN, Munilakshmi U.	IOSR Journal of Pharmacy 2014;4:23-27.
16	Effects of barley semolina on physiological and biochemical parameters in chronic kidney disease patients.	Madhavi Reddy .M, Raja Reddy.P, Raghavendra Prasad BN, Mahesh V.	Indian Journal of Applied Research 2014;4:351-353.
17	Low achievers: Are they really slow learners?	Vinutha Shankar MS.	NTTC Bulletin 2011;18.2:4.
18	Changes in the Learning Style in Medical Students during their MBBS Course.	Usha G Shenoy, Karthiyanee Kutty, Vinutha Shankar MS, Nachal Annamalai.	International Journal of Scientific and Research Publications 2012; 2:1-4.
19	Effect of mobile phone usage on hearing threshold:	Ramya, Kutty K, Shankar V .	A pilot study. Indian Journal of Otology 2011 ; 17: 159 – 161.
20	Study of association between noise levels and stress in traffic policemen of Bengaluru city.	Venkatappa GK, Vinutha S .	Biomedical Research 2012; 23(1): 135-138.

## Department of Physiology

**Please Type inside the Rows provided in this Sheet**

21	Assessment of Knowledge, attitude and practices of traffic policemen regarding the auditory effects of noise.	Kavana GV, Vinutha S, Annamalai N.	Indian J Physiol Pharmacol 2012; 5(1): 69-73.
22	Pulmonary Function in Rural Women Exposed to Biomass Fuel.	Revathi M, Kutty TK, Annamalai N.	J Pulmon Resp Med 2012; 2:1-4.
23	Can anxiety among traffic policemen affect their heart rate variability?	Padmini T, Vinutha Shankar, Nachal Annamalai, Aswini Dutt, Harish Karanth.	International Journal of Current research 2013;5:4275-4278.
24	The process of spermatogenesis liberates significant heat and scrotum has a role in body thermoregulation.	K.P. Skandhan, A.Rajahariprasad.	Medical hypothesis 2007;68:303-307.
25	A study of Intermittent claudication among smokers.	T.R Yathish, N Annamalai, V Shankar.	Journal of Institute of medicine 2009; 31:21-26.
26	Gender variation in pain perception after intravenous cannulation in Adults.	Jagadamba A, Kutty K, Shankar V, Annamalai N, Madhusudhana R.	The Internet Journal of Anaesthesia April 2011; 28 : 1-6.
27	Relationship between handedness and ocular dominance in healthy young adults – A Study .	JagadambaA, Kutty K, Annamalai N.	Int J Pharm Biomed Res May 2011; 2(2): 76-78.
28	Correlation between neuropsychological test result (MMSE) & P300 latency in adults above 50 years of age.	Kavana.G.Venkatappa, Sparsha Deep, Jagadamba.A, Vinutha Shankar, Narendra Shetty, Sudeep Shetty.	International Journal of AJ Institute of Medical Sciences 2012; 1:98-103.
29	Age Related Changes in the Parasympathetic Control of the Heart.	Vinutha Shankar MS, Shivakumar Veeraiah.	International Journal of Scientific and Research Publications 2012; 2:1-6.
30	Helicobacter Pylori infection and hypertension: Is there an association?	Vinutha Shankar MS, AVM Kutty, NachalAnnamalai.	Biomed Res-India 2012;23: 537-539.
31	Effect of Ocular Dominance on the latency and Amplitude of visual evoked potentials.	Jagadamba A, Kutty K.	IOSR Journal of Dental and Medical sciences 2012;2:19-24.
32	Median nerve somatosensory evoked potentials in medical students:normative data.	Siddaraju Poornima, Syed Sadat Ali,Pishey Ashwathnarayan Balaji,Vinutha Shankar,Karthiyanee Kutty.	Advanced biomedical research 2013;2:1-6.

## Department of Physiology

**Please Type inside the Rows provided in this Sheet**

33	HRV a simple non-invasive tool to evaluate autonomic tone in perioperative period during general anaesthesia.	Jagadamba A, Kavana G V, Ravi M, Karthiyanee K, Vinutha S.	International Journal Of Comprehensive Medical Physiology And Research 2014;1:17-24.
34	Utility of neck circumference, a simple and novel measure as anthropometric marker of obesity in adults.	Jagadamba A, Sumit G, Karthiyanee K, Vinutha S.	World Journal of pharmacy and pharmaceutical sciences 2014; 3:1618-1629.
35	Bimanual coordination: Influence of age and gender.	Ashwini K. Shetty, Vinutha Shankar M.S, Nachal Annamalai.	Journal of clinical and diagnostic research 2014;8:15-16.
36	The short term effect of pranayama on the lung parameters.	Shankarappa V, Prashanth P, Nachal Annamalai, Varunmalhotra.	Journal of clinical and diagnostic research 2012;6:27-30.
37	A Comparative Study of Intraoperative Brain Relaxation with Thiopentone & Propofol for Supratentorial Tumour Surgery.	Ravi Madhusudhana, Jagadamba Aswathappa, Jayashree Simha, Parameshwara Gundappa, Padmanabha Iyer.	IOSR-JDMS 2014; 13(1):29-31. (International Indexed)
38	“Study on awareness of Hypoglycemia in type 2 diabetes”.	P. Rajareddy, K. Prabhakara.	G.J.B.A.H.S 2014;3(2):108 – 110.

### VII. Completed Research Projects by Faculty in the last five years 2010-14

<b>Sn</b>	<b>Investigators Names (Principal Investigator name first)</b>	<b>Title of the Research Project</b>	<b>If published, name of the title of the Research article &amp; details of Journal published</b>
01	Yathish TR, Annamalai N, Shankar V.	A study of association of low density lipoprotein levels and glycaemic control in type-2 diabetes mellitus	Electronic physician 2010; 2: 24-32.
02	Bhanu R., Vinutha S, Kutty K, Annamalai N.	Visual evoked potentials in non-insulin dependent diabetes mellitus without retinopathy: A pilot study.	Current Neurobiology 2012; 3 (1):55-59.
03	Yathish TR, Nachal Annamalai, Vinutha Shankar.	Ischaemic heart disease and glycaemic control in type-2 diabetes mellitus by questionnaire method.	Pak J Physiol 2012; 6:50-53.



**Department of Physiology**  
**Please Type inside the Rows provided in this Sheet**

04	Sumit Garg, Vinutha Shankar, Karthiyaneekutty, NachalAnnamalai.	Relation between anthropometric measurements and serum lipid profile among cardiometabolically healthy subjects: A pilot study.	Indian J Endocrinol Metab 2012 ; 16: 857–858.
05	Raja Reddy P, Jayarama N. Lakshmaiah V, Anil NS.	Study of prevalence and stages of diabetic nephropathy in rural tertiary care centre – south India.	Journal of Medicine and public health 2012;5: 17-22.
06	Jagadamba Aswathappa, Sumit Garg, Karthiyaneekutty, Vinutha Shankar.	Neck circumference as an anthropometric measure of obesity in diabetes.	North American Journal of Medical Sciences 2013;5:1-4.
07	Raja Reddy P, Reethesh RP, Mahesh V.	The association between estimated average glucose levels and fasting plasma glucose levels in a rural tertiary care centre.	GJMEDPH 2013;2:1-5.
08	Raja Reddy, Mahesh V.	A study of some anthropometric variables and lipid profile in diabetic and non-diabetics in rural kolar.	International Journal of Basic and Applied Medical Sciences 2013;3:263-266.
09	Raja Reddy P, Jayarama N, Mahesh V.	Anthropometric correlation of lipid profile in healthy people in rural kolar.	International interdisciplinary research journal 2013;3:252-257
10	Raja Reddy P, Jayarama N, Shashidhar K N.	Association among HbA1c and lipid profile in Kolar type 2 diabetic population.	Journal of Pharmaceutical and Science Innovation 2013;2:10-12.
11	Raja Reddy P, Shashidhar KN, Karthiyaneekutty, Lakshmaiah V.	Physiological and Biochemical markers to assess the risk factors for diabetic nephropathy – a retrospective rural hospital based case control study.	Journal of Biological and Scientific Opinion 2014;5:15-17.

**Department of Physiology**  
**Please Type inside the Rows provided in this Sheet**

12	Raja Reddy P, Vinutha Shankar M.S, NachalAnnamalai and Anil NS.	Serum Insulin and Glucose Tolerance in Hypo and Hyperthyroid States.	The Journal of Physiology and Health Photon 110 2014; 242-246.
13	Sumit G, Jagadamba A, Vinutha S, Karthiyanee K.	Risk of type 2 diabetes mellitus in medical students.	International Journal Of Comprehensive Medical Physiology And Research 2014;1:6-9.
14	Jayarama N, Raja Reddy P, Madhavi Reddy M , Mahesh V.	Relationship between waist hip ratio and lipid profile in type 2 diabetes mellitus patients.	Asian Journal of Medical Sciences 2014;5:51-53.
15	Madhavi Reddy .M, Raja Reddy.P, Raghavendra Prasad BN, Munilakshmi U.	Grain and milling quality of barley and their suitability for preparation of traditional south Indian products.	IOSR Journal of Pharmacy 2014;4:23-27.
16	Madhavi Reddy .M, Raja Reddy.P, Raghavendra Prasad BN, Mahesh V.	Effects of barley semolina on physiological and biochemical parameters in chronic kidney disease patients.	Indian Journal of Applied Research 2014;4:351-353.
17	Vinutha Shankar MS.	Low achievers: Are they really slow learners?	NTTC Bulletin 2011;18.2:4.
18	Usha G Shenoy, Karthiyanee Kutty, Vinutha Shankar MS, Nachal Annamalai.	Changes in the Learning Style in Medical Students during their MBBS Course.	International Journal of Scientific and Research Publications 2012; 2:1-4.
19	Ramya, Kutty K, Shankar V .	Effect of mobile phone usage on hearing threshold:	A pilot study. Indian Journal of Otology 2011 ; 17: 159 – 161.
20	Venkatappa GK, Vinutha S .	Study of association between noise levels and stress in traffic policemen of Bengaluru city.	Biomedical Research 2012; 23(1): 135-138.
21	Kavana GV, Vinutha S, Annamalai N.	Assessment of Knowledge, attitude and practices of traffic policemen regarding the auditory effects of noise.	Indian J Physiol Pharmacol 2012; 5(1): 69-73.

**Department of Physiology**  
**Please Type inside the Rows provided in this Sheet**

22	Revathi M, Kutty TK, Annamalai N.	Pulmonary Function in Rural Women Exposed to Biomass Fuel.	J Pulmon Resp Med 2012; 2:1-4.
23	Padmini T, Vinutha Shankar, Nachal Annamalai, Aswini Dutt, Harish Karanth.	Can anxiety among traffic policemen affect their heart rate variability?	International Journal of Current research 2013;5:4275-4278.
24	K.P. Skandhan, A.Rajahariprasad.	The process of spermatogenesis liberates significant heat and scrotum has a role in body thermoregulation.	Medical hypothesis 2007;68:303-307.
25	T.R Yathish, N Annamalai ,V Shankar.	A study of Intermittent claudication among smokers.	Journal of Institute of medicine 2009; 31:21-26.
26	Jagadamba A, Kutty K, Shankar V, Annamalai N, Madhusudhana R.	Gender variation in pain perception after intravenous cannulation in Adults.	The Internet Journal of Anaesthesia April 2011; 28 : 1-6.
27	JagadambaA, Kutty K, Annamalai N.	Relationship between handedness and ocular dominance in healthy young adults – A Study .	Int J Pharm Biomed Res May 2011; 2(2): 76-78.
28	Kavana.G.Venkatappa, Sparsha Deep, Jagadamba.A, Vinutha Shankar, Narendra Shetty, Sudeep Shetty.	Correlation between neuropsychological test result (MMSE) & P300 latency in adults above 50 years of age.	International Journal of AJ Institute of Medical Sciences 2012; 1:98-103.
29	Vinutha Shankar MS, Shivakumar Veeraiah.	Age Related Changes in the Parasympathetic Control of the Heart.	International Journal of Scientific and Research Publications 2012; 2:1-6.
30	Vinutha Shankar MS, AVM Kutty, NachalAnnamalai.	Helicobacter Pylori infection and hypertension: Is there an association?	Biomed Res-India 2012;23: 537-539.
31	Jagadamba A, Kutty K.	Effect of Ocular Dominance on the latency and Amplitude of visual evoked potentials.	IOSR Journal of Dental and Medical sciences 2012;2:19-24.
32	Siddaraju Poornima, Syed Sadat Ali,Pishey Ashwathnarayan Balaji,Vinutha Shankar,Karthiyanee Kutty.	Median nerve somatosensory evoked potentials in medical students:normative data.	Advanced biomedical research 2013;2:1-6.

**Department of Physiology**  
**Please Type inside the Rows provided in this Sheet**

33	Jagadamba A, Kavana G V, Ravi M, Karthiyane K, Vinutha S.	HRV a simple non-invasive tool to evaluate autonomic tone in perioperative period during general anaesthesia.	International Journal Of Comprehensive Medical Physiology And Research 2014;1:17-24.
34	Jagadamba A, Sumit G, Karthiyane K, Vinutha S.	Utility of neck circumference, a simple and novel measure as anthropometric marker of obesity in adults.	World Journal of pharmacy and pharmaceutical sciences 2014; 3:1618-1629.
35	Ashwini K. Shetty, Vinutha Shankar M.S, Nachal Annamalai.	Bimanual coordination: Influence of age and gender.	Journal of clinical and diagnostic research 2014;8:15-16.
36	Shankarappa V, Prashanth P, Nachal Annamalai, Varunmalhotra.	The short term effect of pranayama on the lung parameters.	Journal of clinical and diagnostic research 2012;6:27-30.
37	Ravi Madhusudhana, Jagadamba Aswathappa, Jayashree Simha, Parameshwara Gundappa, Padmanabha Iyer.	A Comparative Study of Intraoperative Brain Relaxation with Thiopentone & Propofol for Supratentorial Tumour Surgery.	IOSR-JDMS 2014; 13(1):29-31. (International Indexed)
38	P. Rajareddy, K. Prabhakara.	“Study on awareness of Hypoglycemia in type 2 diabetes”.	G.J.B.A.H.S 2014;3(2):108 – 110.

**VIII. Ongoing Research Projects by the Faculty**

sn	Investigators Names (Principal Investigators Name First)	Project Title	Funded / Non-funded If funded, by which Agency
1	Dr. Jagadamba. A Assistant Professor	Association between cardiorespiratory fitness and IDRS in young individuals.	Non-funded
2	Dr. Jagadamba. A Assistant Professor	Assessing the approaches to learning and study strategies in medical students.	Non-funded
3	Dr. Jagadamba. A Assistant Professor	Analysis of HRV in ICU. A noninvasive tool as predictor of mortality.	Non-funded

**Department of Physiology**  
**Please Type inside the Rows provided in this Sheet**

4	Dr.P.Raja Reddy Assistant Professor	Role of nutritional educational intervention in the progression of kidney disease wasting in rural hemodialysis patients.	Non-funded
5	Mrs.Usha Shenoy, Lecturer Dr.Karthiyanee Kutty, Professor & HOD Dr.Vinutha Shankar, Professor	Relationship between Anaemia and Cognition in the rural schools of Kolar.	Non-funded
6	Dr.P.Raja Reddy, Assistant Professor	Study on cardiovascular risk factors in tertiary hospital employees.	Non-funded
7	Dr.P.Raja Reddy, Assistant Professor	Study on awareness of hypoglycemia in type 2 diabetes.	Non-funded
8	Dr.P.Raja Reddy, Assistant Professor	Neurophysiological test (nerve conduction velocity and evoked potentials) in patients with chronic obstructive pulmonary diseases – a pilot study.	Non-funded
9	Dr.P.Raja Reddy, Assistant Professor	Grain and milling quality of barley and their suitability for preparation of traditional south Indian products.	Non-funded
10	Dr.P.Raja Reddy, Assistant Professor	Prevalence and clinical association of impaired awareness of hypoglycemia in rural type 2 diabetes mellitus patients.	Non-funded
11	Dr.P.Raja Reddy, Assistant Professor	Study on prevalence of metabolic risk factors in non-diabetic adults.	Non-funded
12	Dr.P.Raja Reddy, Assistant Professor	Barley and wheat semolina: Influence on plasma cholesterol concentration in hypercholesterolemia patients. Neurophysiological test (nerve conduction velocity and evoked potentials) in patients with chronic obstructive pulmonary diseases – a pilot study.	Non-funded
13	Dr.S.Parasuraman, Tutor	Assessment of respiratory health in Rice mill workers	Non-funded
14	Dr.Sumitra@sudharkodhy.S PG / Tutor	Effect of tobacco on cognitive function in elderly people – A pilot study.	Non-funded
15	Dr.Sumitra@sudharkodhy.S PG / Tutor	Effect of stress, anxiety and Heart rate variability in 1 <sup>st</sup> year Medical Students	Non-funded

**Department of Physiology**  
**Please Type inside the Rows provided in this Sheet**

16	Mr.Adarsh Manjunath	“Evaluation of lung capacities among medical students who smoke cigarette”	Non-funded
17	Dr.Parasuraman	“A study correlating hemoglobin levels in expectant mothers during third trimester” gestation with cord blood hemoglobin and reticulocyte count	Non-funded

**IX. Ongoing PG (MD / MS) Dissertation Projects in the Department**

sn	Dissertation title	Post Graduate Name	Guide Name & Designation
1	Assessment of respiratory health in rice mill workers	Dr.Parasuraman.S	Dr.Vinutha Shankar.M.S
2	Efficacy of Integrated yoga practices on stress and heart rate variability in Medical students – A pilot randomized control trial	Dr.Sumitra	Dr.Karthiyanee Kutty.T

**X. Ongoing PhD Thesis in the Department**

Sn	Thesis title	Research Scholar Name	Guide Name & Designation
1	A study of OSCE as an effective tool for evaluation of the basic core competencies in preclinical students	Dr.Jagadamba.A	Dr.P.F.Kottor
2	“Pulmonary function in the residents of the gold tailing town and its association with chronic exposure to mining dust”.	Mrs.Usha.G.Shenoy	Dr.Karthiyanee Kutty

**XI. CME / Workshop / Conferences Conducted by the Dept. in the year 2012 – 2014**

Sn	Title of CME / Workshop / Conference	Date & Year Conducted	Whether National / State / Regional / Institutional level meet
1	OSPE /Workshop	28-02-2013	State Level
2	Research Methodology in Physiology - Conference	13-08-2013 & 14-08-2013	State Level

**Department of Physiology**  
**Please Type inside the Rows provided in this Sheet**

3	World Alzheimer's Day	21-09-2013	Institutional Level
4	Physiological principles in management of fluid & electrolyte imbalance.	24-01-2014	CME
5	Electrophysiology in audiology	02-07-2014	CME
6	World Alzheimer's Day	22-09-2014	Institutional Level

**XII. Academic Prizes & Awards won by the Faculty in the last 3 yrs 2012-14**

Sn	Title of the Prize / Award	Faculty Name & Designation	Awarding Authority	Venue where awarded	Date/ year of Award
1	Won the <b>first prize</b> for the paper titled – Utility of neck circumference as a simple and novel anthropometric marker of obesity in adult	Dr.Jagadamba, Assistant Professor	<ul style="list-style-type: none"> <li>at the <b>20<sup>th</sup> International Conference</b> on Frontiers in Yoga Research and its application</li> </ul>	at S-VYASA Yoga University, Bangalore in	January 2014.
2	Student won a gold medal for his oral presentation on “ Study of profile of dietary status, BMI & Physical activity in patients with type-II diabetes mellitus”	Dr.Sumit Garg: 1 <sup>st</sup> year postgraduate	at APTCON	held in Coimbatore	2010

**Department of Physiology**  
**Please Type inside the Rows provided in this Sheet**





**Department of Physiology**  
**Please Type inside the Rows provided in this Sheet**

CME conducted on 02-07-2014 “Electrophysiology in audiology”



World Alzheimer's Day conducted on 22-09-2014

**Department of Physiology**  
**Please Type inside the Rows provided in this Sheet**

