

## **1. List of publications in Vancouver style yearwise (calendar year) (Period 2014 to 2019)**

### **Year: 2014**

1. Sood R, Sood A. Prevalence of myopia among the medical students in western India vis-à-vis the east Asian epidemic. IOSR Journal of Dental and Medical Sciences. 2014; 13(1): 65-7.
2. Sood RS, Sood A. Anaemia and Refractive Error Are Linked: a Pioneering Study. International Journal of Scientific Research. 2014; 3(1): 350-1.
3. Sood RS, Sood A. Prevalence of anaemia among the first year MBBS students. Indian Journal of Applied Research. 2014; 4(1): 421-2.
4. Jayakumar R, Anupama D, Shobha CN. Effect of variation in tempo and pitch of music on cardiovascular parameters. Biomedicine. 2014; 34(2): 225-30.
5. Jadhav A, Borade NG, Jadhav A, Pranita A. A Study of effect of aerobic strenuous exercise on oxidative stress in young healthy individuals by using serum malonyldialdehyde levels. Indian Journal of Public Health research and Development. 2014; 5(2): 13-17.
6. Karandikar MS, Prasad NB, Kumar A. Assessment of cardiopulmonary efficiency levels in a student population. International Journal of Scientific & Research Publications. 2014; 4(5):1-3.
7. Jadhav SS, Bansod NV, Diwanji SS. Study of auditory reaction time in premenstrual phase and postmenstrual phase. Journal of Medical Science & Clinical Research. 2014; 2(5): 968- 72.
8. Jadhav SS, Bansod NV. Cognitive function and menstrual cycle. International Journal of Scientific Research. 2014; 3(6): 343 – 4.

### **Year: 2015**

1. Sudipta S, Karandikar MS, Chaudhuri A. The potential role of short –term heart rate variability tests in identifying risk of hypertension in normotensive offspring of hypertensive parents. Saudi Journal of Sports Medicine. 2015; 15(1): 62-7.
2. Chaudhuri A, Borade NG. Study of autonomic nervous system activity in postmenopausal women. Saudi Journal of Sports Medicine. 2015; 15(1): 108.
3. Raghav RP, Prasad NB, Dholakia M. A study road traffic Accidents and road safety behavior in Pune: A mixed method approach. Indian Journal of Community & Family Medicine. 2015; 1(2): 75-79.

4. Bansode DG, Bhutkar MV, Jaltade VJ. Study of audio-visual reaction time and nerve conduction velocity in diabetes mellitus patients. National Journal of Basic Medical Science 2015; 5(2): 61-63.
5. Patil. PJ, Patil SP, JaltadeVJ, Gupta SS. Departmental equipment maintenance system in Government Medical college. IAIM 2015; 2(3): 79-89.
6. Khatri D, Borade NG. Association of Peripheral Neuropathy with Inflammatory Markers in Rheumatoid Arthritis Patients: An Electrophysiological Study. Paripex- Indian Journal Of Research.2015; 4(6): 4-6.
7. Prasad NB. Electrophysiological Assessment of Somatic Nerves of Upper Limbs in Diabetics: A motor Nerve Conduction Study. Journal of Medical Science and Clinical Research. 2015; 3(7): 6636-6640.
8. Hardikar AA, Karandikar MS. Multigenerational Undernutrition Increases Susceptibility to Obesity and Diabetes that Is Not Reversed after Dietary Recuperation. Cell Metabolism 22. 2015:1-8.
9. Sheetal S, Prasad NB, Bhandari N. An Occupational Contingency in Traffic Police Personnel and Factory Workers In and Around Pune City August 2015; 5(8): 266-272.
10. Methre ST, Borade NG. Perception of Educational Environment Among Undergraduate Medical Students. Journal of Medical Science And Clinical Research. 2015;3(8):6960–66.

**Year: 2016**

1. Birajdar G, Prasad NB, Purandare VR, Effect of smoking on Autonomic functions. IOSR Journal of Dental & Medical Sciences. Jan 2016; 15(1) 39-42.
2. Sood RS, Bendre MB, Sood A, Analysis and remedy of the item writing flaws rectified at prevalidation of multiple choice questions drafted for assessment of MBBS students. March2016; 5(2): 692-698.
3. Salvi S, Prasad NB, Bhandari N. Pulmonary function test in petrol pump workers and garage workers: A long drawn peril. International journal of health sciences & research. 2016; 4(2): 319-323.
4. Sood RS, Bendre MB, Sood A. Barriers to asking question by the first MBBS student during didactic lectures in physiology. Indian Journal of Basic and Applied Medical Research. 2016; 5(3): 841-6.
5. Chaudhari P, Jadhav A. Effect of weight reduction on peak expiratory flow rate in young obese individuals. IOSR journal of dental and medical sciences. 2016; 15(3): 1-5.
6. Methre ST, Karandikar MS. A study of pulmonary function of spray painters working in garage. IOSR Journal of Dental and Medical Sciences. March 2016; 15(3): 01-07.

7. Deepa HS, Sirdesai N. A comparative study of auditory & visual reaction time in table tennis players and age matched healthy controls. *Indian Journal of Clinical Anatomy and Physiology*, 2016; 3(4):408-411.
8. Khuje PD, Habit of proper and adequate food chewing, avoiding water during meals and drink water 1-2 hours after meals in patients of gastroesophageal reflux diseases. *Paripex – Indian Journal of Research* May 2016;5(5):41-42.
9. Khuje PD, Honey in warm water: An ideal prescription for weight loss. *International Journal of Scientific Research*. June 2016; 5(6):484-86.
10. Khuje PD, Borade NG. Hand acupressure for symptomatic relief of chronic rhinitis. *International Education Scientific Research Journal*. July 2016; 2 (7):45-46.
11. Pande B, Tajne V. Comparison of Lung Functions among Males and Females with Sick Cell Anaemia. *International Journal of Contemporary Medical Research* 2016; 3(8):2322-2324.
12. Sood RS, Khandalkar S, Sood A, Awareness, among primary health care physicians, of acute cyanide poisoning being a possible consequence of fire accidents. *International Journal of Biomedical and Advance Research*. 2016; 7(8): 376-8.
13. Methre ST, Methre TS, Borade NG. Educational environment in first year BDS and BPT students. *International Journal of Contemporary Medical Research* 2016; 3(11):3163-3166.

#### **Years: 2017**

1. Leo Rathonaraj AS, Irani A. Sharma SK, Borade NG, Sreeja MT. Forced expiratory volume in the first second (FEV1) in patients with chronic low back pain. *Journal of Research in Medical and Dental Science*. 2017; 5(1) 27-32.
2. Methre ST, Borade NG, Methre TS. Perception of stress in first-year MBBS, BDS, and BPT students. *Natl J Physiol Pharm Pharmacol* 2017;7(2):203-208.
3. Khuje P, Sandip M Hulke. Neem (*Azadirachta Indica*), Reetha (*Sapindus mukorossi*), Shikakai (*Acacia concinna*), Hibiscus flower (*Hibiscus sabdariffa*) oil & Lemon: A natural antidandruff formula. *International Journal of Advanced Scientific Research* 2017;2(3) :27-29.
4. Patil A, Handergulle S. Influence of menopause on cardiovascular responses to behavioral stressors: A comparative study. *NJPPP* 2017; 2(3): 27-29.
5. Khuje P, Hulke S M. Consumption of Yogurt, Aloe-vera pulp and Holy Basil leaves to reduce the recurrence of aphthous mouth ulcers in night shift workers. 2017; 3(4): 807-809.
6. Kothadia S, Prasad NB. Study of heart rate variability in subclinical hypothyroidism *IOSR Journal of Dental & Medical Sciences*. August 2017; 16(8) 1-4.

**Year: 2018**

1. Dattani MB, Methre ST, Methre TS. Waist circumference relates to blood pressure among adults. Indian Journal of Clinical Anatomy and Physiology, January-March, 2018;5(1):91-96.
2. Khuje P, Sandip M Hulke. Can Trained Wind Instrument Blowers Develop Higher inspiratory Spirometric Parameters Along with Expiratory Spirometric Parameters? International journal of Physiology Jan-March 2018; 6(1): 171-174
3. Hulke SM , Khuje P, Vaidya Yuqarti P. Change in Relationship between body Composition and Aerobic Power in Physical Education College's Students: A 12 Weeks Longitudinal Study. International journal of Physiology Jan-March 2018; 6(1): 166-178.
4. Borade NG, Hedge V. Heart rate variability in trained athletes and sedentary individuals A comparative study. Indian journal of clinical Anatomy And physiology. 2018;5(2):237-240.
5. Prasad NB, Diwanji SA. Evaluation of Peripheral Nerves of Upper Limb and its Correlation with Blood Sugar Levels: A Electrophysiological Study in Type 2 Diabetics” Indian Journal Of Clinical Anatomy And Physiology (IJCAP) 2018;5(3):344-6
6. Prasad NB, Diwanji SA. Electrophysiological study of the palmar cutaneous nerves in diabetics . National journal of Physiology, Pharmacy & Pharmacology, 2018; 8(5): 694 -698.
7. Pisharody IK, Prasad NB. BMI an early indicator of abnormal glucose and lipid profiles in young Indian adults. National journal of Physiology, Pharmacy & Pharmacology, 2018; 8(5): 690 -693.
8. Salvi S, Joshi A. Platelet aggregability prehypertension and heart rate in male smokers: An unwelcome circumstance for prothrombotic activity. NJPPP 2018; 8(7): 1005-1009.
9. Salvi S, Prasad NB. Learning strategies in medical school: A holistic approach to Physiology. NJPPP 2018; 8(7): 1070-1073.
10. Patil A, Pande B, Borade NG. Learning to learn and teach: Student seminar as a teaching-learning method in undergraduate medical physiology through students’ perspective. NJPPP 2018;8(9):1-6.

**Year: 2019**

1. Methre ST, Jayakumar R, Dattani MB, Borade NG, Methre TS. A cross-sectional study of anthropometric parameters in normotensive offsprings of hypertensive parents. Natl J Physiol Pharm Pharmacol 2019;9(2):160-164.
2. Jadhav S. Evaluation of visual reaction time during pre- and post- menstrual phase. National Journal of Physiology, Pharmacy and Pharmacology.2019; 9(5): 398-400.

3. Pande B, Patil A. Gender differences in cardiovascular autonomic function status in normal healthy individuals: A cross-sectional study. NJPPP 2019; 9(7):1-5.
4. Karandikar M. M, Joshi A.R, Karandikar M. S. The haematological profile with fifty generations of undernutrition cannot be reversed with six generations of a recuperation diet in a wistar rat colony. MedPulse International Journal of Physiology. 2019; 11(2):21-24.
5. Karandikar M. M, Joshi A.R, Karandikar M. S. Partial restoration of the haematological profile in 4-week-old pups after six generations of improved nutrient supply. MedPulse International Journal of Physiology. 2019; 11(2):30-33.

## **2. Research and extension (From 1<sup>st</sup> January 2014 to till 2019) yearwise (calendar year)**

### **(a) Research summary**

#### **Year 2014**

| <b>Sr. No.</b> | <b>Name of the project and duration</b>   | <b>Name of Teachers</b>                                      | <b>Amount of seed money provided (INR in Lakhs)</b> | <b>Sanctioned Year</b> |
|----------------|---|--|---|------------------------|
| 1              | Yoga and pranayama: Immunological modulators in patients with Diabetes Mellitus and Hypertension (1 year) | Dr. Prashant Khuje (PI)<br><br>Dr. M. S. Karandikar (Co –PI) | 1,00,000/-  | 2014                   |

#### **Year 2018**

| <b>Sr. No.</b> | <b>Name of the project and duration</b>  | <b>Name of Teachers</b>                                      | <b>Amount of seed money provided (INR in Lakhs)</b> | <b>Sanctioned Year</b> |
|----------------|--|--|---|------------------------|
| 1.             | Effect of Ayurvedic drugs on cardiovascular function in an experimental model of undernutrition (1 year)                     | Dr. V. G.Jaltade (PI)<br><br>Dr. M.S. Karandikar (Co –PI)    | 3,10,000/-  | 2018                   |
| 2.             | Comparative Analysis of Secretomes organ culture of Human Placenta Amnion (2 years)  | Dr. M. S. Karandikar (PI)                                    | 4,50,000/-  | 2018                   |
| 3.             | Effect of Ayurvedic drugs on reproductive function in a multigenerationally undernourished female wistar rat colony (1 year) | Dr. H. G. Deshpande (PI)<br><br>Dr. M.S. Karandikar (Co –PI) | 2,90,000/-  | 2018                   |

**Year 2019**

| <b>Sr. No.</b> | <b>Name of the project and duration</b>                                   | <b>Name of Teachers</b>  | <b>Amount of seed money provided (INR in Lakhs)</b> | <b>Sanctioned Year</b> |
|----------------|---|--|---|------------------------|
| 1.             | Efficacy in treating iron deficiency anemia of pregnancy with lactoferrin | Dr. M. S. Karandikar<br>Dr. A.A.Hardikar<br>Dr. William Tarnow-Mordi | AUD 7,800   | 2019                   |

**(b) List of PhD Students**

**Year 2016**

| <b>Sr. No.</b> | <b>Name of the faculty</b> | <b>Title of the Research Topic</b>             | <b>Name of the Research Student</b> | <b>Date of enrolment of the Research Student</b> |
|----------------|----------------------------|--|-------------------------------------|--|
| 1.             | Dr. M. S. Karandikar       | Identification of micro RNA in foetal distress | Dr. P. D. Khuje                     | 01/12/2016                                       |

**Year 2017**

| <b>Sr. No.</b> | <b>Name of the faculty</b> | <b>Title of the Research Topic</b>   | <b>Name of the Research Student</b> | <b>Date of enrolment of the Research Student</b> |
|----------------|----------------------------|--|-------------------------------------|--|
| 1.             | Dr. M. S. Karandikar       | Assessment of cardiovascular risk in metabolic syndrome : ECG derived index QT dispersion, carotid intima media thickness , cardiometabolic parameters and its correlation with insulin resistance | Dr. S. M. Gawali                    | 08/12/2017                                       |

**Year 2017 (PhD Awarded)**

| <b>Sr. No.</b> | <b>Name of the faculty</b> | <b>Title of the Research Topic</b>   | <b>Name of the Research Student</b> | <b>Date of enrolment of the Research Student</b> |
|----------------|----------------------------|--|-------------------------------------|--|
| 1.             | Dr. N. G. Borade           | Electrophysiological assessment of polyneuropathic involvement in rheumatoid arthritis :relationship among demographic ,clinical and | Dr. Deepali Khatri                  | 2011 - 2017                                      |

|  |  |                      |  |  |
|--|--|----------------------|--|--|
|  |  | laboratory findings. |  |  |
|--|--|----------------------|--|--|

### Year 2019

| Sr. No. | Name of the faculty | Title of the Research Topic  | Name of the Research Student | Date of enrolment of the Research Student |
|---------|---------------------|--|------------------------------|---|
| 1.      | Dr. V. G. Jaltade   | Assessment of cardiovascular autonomic function in nondialysis nondiabetic chronic kidney disease patients | Dr. A. N. Patil              | 24/07/2019                                |

### (c) List of ICMR – STS Research projects sanctioned (From 1<sup>st</sup> January 2014 to till 2019) yearwise (calendar year)

#### Year 2014

| Sr. No. | Name of the Project   | Investigator s  | Name of the Guide | Year of Award | Duration of the project | Funding Agency | Total amount of funds received |
|---------|---|-----------------|-------------------|---------------|-------------------------|----------------|--------------------------------|
| 1       | Coexistences of obesity and anaemia in young adults.                    | Anurang Rathod  | Dr. N.B. Prasad   | 2014          | 2 months                | ICMR-STS       | 10,000/-                       |
| 2       | Exposure to Air pollution and fuel vapours: A pulmonary function study. | Nikhil Bhandari | Dr. S. R. Salvi   | 2014          | 2 months                | ICMR-STS       | 10,000/-                       |
| 3       | To study pulmonary functions and lipid profile in smokers.              | Ananya Garg     | Dr. N.G.Borade    | 2014          | 2 months                | ICMR-STS       | 10,000/-                       |

#### Year 2015

| Sr. No. | Name of the Project   | Investigator s      | Name of the Guide | Year of Award | Duration of the project | Funding Agency | Total amount of funds received |
|---------|---|---------------------|-------------------|---------------|-------------------------|----------------|--------------------------------|
| 1       | Inter-relationship of Body Mass Index (BMI), Waist-to – hip Ratio (WHR) & Body Fat Percentage (BF %) with Blood Pressure among first year MBBS students | Miss. Meera Dattani | Dr. S. T. Methre  | 2015          | 2 months                | ICMR-STS       | 10,000/-                       |

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|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|

**Year 2016**

| <b>Sr. No.</b> | <b>Name of the Project</b>   | <b>Investigators</b> | <b>Name of the Guide</b> | <b>Year of Award</b> | <b>Duration of the project</b> | <b>Funding Agency</b> | <b>Total amount of funds received</b> |
|----------------|--|----------------------|--------------------------|----------------------|--------------------------------|-----------------------|---------------------------------------|
| 1              | Additional wakefulness: A study on self violation, chronic sleep restriction and its effect on medical students. | Mr. Manoj            | Dr. N.B. Prasad          | 2016                 | 2 months                       | ICMR-STS              | 10,000/-                              |
| 2              | Impact of video games on physiological responses & well being in medical students.                               | Mr. Gitartha Goswami | Dr. S. R. Salvi          | 2016                 | 2 months                       | ICMR-STS              | 10,000/-                              |
| 3              | Effect of laughter on pulmonary functions in elderly people.   | Ms. Mahek Bariana    | Dr. A. A. Jadhav         | 2016                 | 2 months                       | ICMR-STS              | 10,000/-                              |

**Year 2017**

| <b>Sr. No.</b> | <b>Name of the Project</b>  | <b>Investigators</b>      | <b>Name of the Guide</b> | <b>Year of Award</b> | <b>Duration of the project</b> | <b>Funding Agency</b> | <b>Total amount of funds received</b> |
|----------------|---|---------------------------|--------------------------|----------------------|--------------------------------|-----------------------|---------------------------------------|
| 1              | Association of interarm blood pressure difference with family history of hypertension, anthropometric parameters & mean Arterial blood pressure in normotensive people. | Ms. Priyanka Sanjay Joshi | Dr. S. T. Methre         | 2017                 | 2 months                       | ICMR-STS              | 10,000/-                              |



### Year 2018

| Sr. No. | Name of the Project   | Investigator s   | Name of the Guide  | Year of Award | Duration of the project | Funding Agency | Total amount of funds received |
|---------|---|------------------|--------------------|---------------|-------------------------|----------------|--------------------------------|
| 1       | Eyeing computer vision syndrome: Awareness, Knowledge & its Impact on sleep quality among medical students. | MS. Bhavya       | Dr. A. N. Patil    | 2018          | 2 months                | ICMR-STS       | 10,000/                        |
| 2       | Association of age of menarche with BMI & waist –hip ratio in school going girls                            | Ms. Perna Pandey | Dr. N. N. Sirdesai | 2018          | 2 months                | ICMR-STS       | 10,000/                        |

### 3. PO and CO Analysis (UG as well as PG)

#### Undergraduate (UG)

CO and Mapping of CO with PO for the subject of Physiology

#### **Programme Outcomes UG**

| No. | By the end of the programme, the Medical Graduate will:   |
|-----|---|
| 1   | Be a <b>Clinician</b> , who understands and provides preventive, promotive, curative, palliative and holistic care with compassion        |
| 2   | Be a <b>Leader</b> and member of the health care team and system  |
| 3   | Be a <b>Communicator</b> with patients, families, colleagues and community  |
| 4   | Be a <b>Lifelong learner</b> committed to continuous improvement of skills and knowledge  |
| 5   | Be a <b>Professional</b> who is committed to excellence, is ethical, responsive and accountable to patients, community and the profession |

### Format for Course Outcomes (Physiology) - UG

| Class      | Semester       | Course     | CO No | Statement<br>(By the end of the course , the first MBBS student will be able to:-)                        |
|------------|----------------|------------|-------|---|
| First MBBS | First & Second | Physiology | PY.1  | Describe structure & functions of normal & sick cell, cell death & repair                                 |
|            |                |            | PY.2  | Explain concept of homeostasis & its maintenance. Describe normal function of organ systems.              |
|            |                |            | PY.3  | Explain pathophysiological basis of treatment of common disease conditions.                               |
|            |                |            | PY.4  | Perform and describe various procedure of laboratory tests and interpret their results.                   |
|            |                |            | PY.5  | Describe the scheme of investigations required for diagnosis and management of common disease conditions. |

### Mapping of CO with PO for Physiology - UG

| Class      | Semester       | Course Name | CO/PO   | PO.1      | PO.2   | PO.3         | PO.4             | PO.5         |
|------------|----------------|-------------|---------|-----------|--------|--------------|------------------|--------------|
| First MBBS | First & Second | Physiology  |         | Clinician | Leader | Communicator | Lifelong learner | Professional |
|            |                |             | PY.1    | 3         | 0      | 0            | 1                | 2            |
|            |                |             | PY.2    | 3         | 1      | 1            | 3                | 2            |
|            |                |             | PY.3    | 3         | 1      | 1            | 3                | 3            |
|            |                |             | PY.4    | 3         | 2      | 2            | 3                | 3            |
|            |                |             | PY.5    | 3         | 2      | 2            | 3                | 3            |
|            |                |             | Average | 3         | 1.2    | 1.2          | 2.6              | 2.6          |

3 = Strong mapping, 2= Moderate mapping, 1= Weak mapping, 0 = Not mapping

## Postgraduate (PG)

### CO and Mapping of CO with PO for MD Physiology

#### Programme Outcomes MD (Physiology)

| No. | By the end of the programme, the Post Graduate will:  |
|-----|---|
| 1   | Recognize the health needs of the community, and carry out professional obligations ethically and in keeping with the objectives of the National health policy. <b>(Health Need Identifier &amp; Clinician)</b>           |
| 2   | Be mastered most of the competencies, pertaining to the speciality, that are required to be practiced at the secondary and the tertiary levels of the health care delivery system. <b>(Subject Expertee &amp; Leader)</b> |
| 3   | Be aware of the contemporary advance and developments in the discipline concerned. <b>(Life Long Learner)</b>   |
| 4   | Have acquired a spirit of scientific inquiry and is oriented to the principles of research methodology and epidemiology. <b>(Researcher &amp; Professional)</b>   |
| 5   | Have acquired the basic skills in teaching of the medical and paramedical professionals. <b>(Teacher &amp; Communicator)</b>  |

#### Course Outcomes MD (Physiology)

| Class         | Course        | CO No | Statement<br>By the end of the course, the post graduate student having qualified the MD (Physiology) examination should be able to:   |
|---------------|---------------|-------|--|
| Post Graduate | MD Physiology | PY.1  | Deal and understand all aspect of general and applied physiology and general principles of medical education.  |
|               |               | PY.2  | Teach effectively the basic physiological mechanisms of human body with reference to their implications in the pathophysiology of diseases, their diagnosis, treatment and management.                               |
|               |               | PY.3  | Conduct clinical and experimental research and interpret relevant findings.  |
|               |               | PY.4  | Acquire skills in conducting collaborative research with allied sciences, clinical sciences and biomedical engineering.  |
|               |               | PY.5  | Acquire administrative skills to set up departmental laboratories and initiate purchase procedure.   |
|               |               | PY.6  | Function as a member of a teaching, administrative or research team.   |
|               |               | PY.7  | Carry out all human and animal experiments by computer assisted simulation models / facilities as permissible by Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA) guidelines. |

### Mapping of CO with PO for MD Physiology

| Class         | Course Name   | CO/PO   | PO.1  | PO.2   | PO.3                         | PO.4                                     | PO.5   |
|---------------|---------------|---------|---|--|------------------------------|--|--|
| Post Graduate | MD Physiology |         | <b>Health<br/>Need<br/>Identifier<br/>&amp;<br/>Clinician</b> | <b>Subject<br/>Expertee<br/>&amp; Leader</b> | <b>Life Long<br/>Learner</b> | <b>Researcher &amp;<br/>Professional</b> | <b>Teacher<br/>&amp;<br/>Communi<br/>cator</b> |
|               |               | PY.1    | 3   | 3  | 3                            | 2  | 3  |
|               |               | PY.2    | 3   | 3  | 3                            | 2  | 3  |
|               |               | PY.3    | 2   | 2  | 2                            | 3  | 3  |
|               |               | PY.4    | 3   | 2  | 3                            | 3  | 3  |
|               |               | PY.5    | 2   | 3  | 1                            | 2  | 2  |
|               |               | PY.6    | 2   | 2  | 3                            | 3  | 3  |
|               |               | PY.7    | 1   | 1  | 2                            | 3  | 3  |
|               |               | Average | 2.2   | 2.2  | 2.4                          | 2.5                                      | 2.8  |

3 = Strong mapping, 2= Moderate mapping, 1= Weak mapping, 0 = Not mapping

#### 4. Alumni Placement (Till date)

| Sr. No | Name of Student           | Year of Admission | Year of passing | Placement  |
|--------|---------------------------|-------------------|-----------------|--|
| 1      | Dr. Jyotsana Tirumalai    | 2011              | 2014            | Transworld institute, Hadapsar, Pune                             |
| 2      | Dr. Sudipta Saha          | 2011              | 2014            | Barahanagar State genrel hospital, North 24 pargana, West Bengal |
| 3      | Dr. Kiranmai V.           | 2011              | 2014            | Kamineni Institute Of Medical Science Hyderabad                  |
| 4      | Dr. Soumy Sarkar          | 2012              | 2015            | Burdwan Medical College Bardhaman.                               |
| 5      | Dr. Sibaprakash Mukherjee | 2012              | 2015            | Sanaka Medical college Durgapur, West Bardhaman, West Bengal     |
| 6      | Dr. Gurunath Birajdar     | 2013              | 2016            | B KL Walwalkar Ruler Medical college Chiplun. Maharashtra        |
| 7      | Dr. Prajakta Chaudhari    | 2013              | 2016            | Doing general practice   |
| 8      | Dr. Sataree Kothadia      | 2014              | 2017            | Dr. D.Y. Patil Dental college Pimpri Pune 18                     |
| 9      | Dr. Vedashree Hegde       | 2015              | 2018            | Seeking for Job  |

## 5. Mentorship details (2018-19)

| Sr. no. | Name of the faculty     | Roll Nos.<br>Of students |
|---------|-------------------------|--------------------------|
| 1       | Dr. V. G. Jaltade       | 105 - 112                |
| 2       | Dr. M. S. Karandikar    | 089 - 096                |
| 3       | Dr. R. S. Sood          | 097 - 104                |
| 4       | Dr. (Mrs.) N. Prasad    | 113 - 120                |
| 5       | Dr. P. D. Khuje         | 121 - 128                |
| 6       | Dr.(Mrs.) S. S. Jadhav  | 129 - 136                |
| 7       | Dr. (Mrs.) S. T. Methre | 137 - 144                |
| 8       | Dr. S. R. Salvi         | 145 - 152                |
| 9       | Dr. R. Jayakumar        | 153 - 160                |
| 10      | Dr. A. N. Patil         | 161 - 168                |
| 11      | Dr. N. N. Sirdesai      | 169 - 176                |
| 12      | Dr. B. N. Pande         | 081 - 088                |

## 6. Wall magazine

| Sr. No | History of Medicine  |
|--------|--|
| 1      | Hippocrates (460BC – 370BC)  |
| 2      | William Harvey ( 1578 – 1657)  |
| 3      | Claude Bernard ( 1813- 1878 )  |
| 4      | Hermann Helmholtz (1821 – 1894)  |
| 5      | Camillo Golgi (1843 – 1926)  |
| 6      | Ivan Pavlov (1849 – 1936)  |
| 7      | Santiago Ramón y Cajal ( 1852 – 1934)  |
| 8      | Charles Sherrington ( 1857 -1952)  |
| 9      | William Einthoven ( 1860 – 1927)   |
| 10     | Ernest Henry Starling ( 1866 – 1927)   |
| 11     | Karl Landsteiner ( 1868 – 1943)  |
| 12     | Frederick Banting ( 1891 – 1941)   |
| 13     | Ragnar Granit (1900 – 1991)  |
| 14     | Francis Crick ( 1916 – 2004)   |
| 15     | Arthur C. Guyton (1919 – 2003 )  |
| 16     | James Watson ( 1928 – 2009)  |
|        | <b>Topics of Lateral Education</b>   |
| 17     | Soak Chia Seeds to supercharge you Metabolism, Burn fat and Fight Inflammation |
| 18     | 80% of Heart Attacks could be avoided if Everyone Did These 5 Easy things      |
| 19     | New study: The more you Hug your Kids, the More Their Brains develop           |
| 20     | Boost Your Coffee with Vitamins and Antioxidants                               |
| 21     | Top 9 Health Benefits of Eating Watermelon                                     |
| 22     | How only 15 Minutes of walking can change everything                           |
| 23     | What is the Right Position to sleep for each of these health Problem?          |

|    |   |
|----|---|
| 24 | Mama Was Right! Study Shows Students Learn Better When They Take Handwritten Notes      |
| 25 | 12 Signs of Heightened Emotional Intelligence You Can Easily Recognize                  |
| 26 | Your neck could tell you if you are at risk of diabetes                                 |
| 27 | NIR light may identify breast cancer patients who will benefit most from chemotherapy   |
| 28 | Diabetes skin patch could abolish finger prick tests                                    |
| 29 | Unlocking cancer's secrets using the 'Social Networks' of cells                         |
| 30 | Where did the deadly Nipah come from-and what other outbreaks should we expect?         |
| 31 | New nuclear medicine method shows promise for better detection of neuroendocrine tumors |
| 32 | Antioxidant reduce risk of a second heart attack  |
| 33 | Cheese, Full- fat milk extremely good for the heart                                     |
| 34 | James Allison, Tasuku Honjo win Nobel medicine Prize for cancer tumor                   |
| 35 | Stress literally shrinks your brain! Here's what you can do                             |
| 36 | 11 ays Dehydration could be Making you fat and sick                                     |

## **7. Teaching programme (Actual teaching programme should be reflected and not methods)**

### Under Graduate Teaching Programme

- ❖ Orientation and counseling of students
- ❖ Small group teaching methods such as interactive tutorial sessions, computer aided teaching are used to ensure a better understanding of the students and to give personal attention to the students.
- ❖ Problem-based learning through clinical cases.
- ❖ Extra classes are held for slow learners.
- ❖ Ward visits for better understanding of clinical correlations
- ❖ Flip Teaching
- ❖ MOOC (Massive open online courses- SWAYAM) was launched on 26/07/2017 with the e-content of platforms 'Critical thinking' and 'Bridging the dementia divide'
- ❖ Yoga training sessions are conducted on every 2<sup>nd</sup> & 4<sup>th</sup> Saturday of a month under the guidance of yoga experts from Shriyog Institute of Iyengar Yoga Pune to promote physical & mental well being of students.
- ❖ Guest Lectures: Every year guest lectures are conducted by eminent speakers on yoga, fitness & health management.

## Lecture

### General Physiology

| Sr. No. | Topics   | Name of the teacher  |
|---------|--|----------------------|
| 1       | Introduction                                   | Dr. N. G. Borade     |
| 2       | Cell & cell organelles<br>organization of cell | Dr. N. G. Borade     |
| 3       | Homeostasis                                    | Dr. M. S. Karandikar |
| 4       | Transport across the cell membrane -I          | Dr. V. G. Jaltade    |
| 5       | Transport across the cell membrane -II         | Dr. V. G. Jaltade    |
| 6       | Resting membrane potential                     | Dr. V. G. Jaltade    |
| 7       | Action potential – I                           | Dr. Neelam Prasad    |
| 8       | Action potential - II                          | Dr. Neelam Prasad    |

### Blood

| Sr. No. | Topics                           | Name of the teacher |
|---------|----------------------------------|---------------------|
| 1       | Composition & functions of blood | Dr. N. G. Borade    |
| 2       | RBC – I                          | Dr. S. S. Jadhav    |
| 3       | RBC – II                         | Dr. S. S. Jadhav    |
| 4       | WBC                              | Dr. P. D. Khuje     |
| 5       | Blood group – I                  | Dr. S. T. Methre    |
| 6       | Blood group – II                 | Dr. S. T. Methre    |
| 7       | Haemostasis – I                  | Dr. S. R. Salvi     |
| 8       | Haemostasis –II                  | Dr. S. R. Salvi     |
| 9       | Immunity – I                     | Dr. R. S. Sood      |
| 10      | Immunity – II                    | Dr. R. S. Sood      |
| 11      | Reticuloendothelial system       | Dr. P. D. Khuje     |

### Nerve Muscle Physiology

| Sr. No. | Topics  | Name of the teacher  |
|---------|---|----------------------|
| 1       | Classification of muscle & structure of skeletal muscle | Dr. M. S. Karandikar |
| 2       | Neuromuscular junction & EMG                            | Dr. A. N. Patil      |
| 3       | Properties of skeletal muscle                           | Dr. P. D. Khuje      |
| 4       | Molecular basis of muscle contraction - I               | Dr. Neelam Prasad    |
| 5       | Molecular basis of muscle contraction – II              | Dr. Neelam Prasad    |



### Cardiovascular System

| <b>Sr. No.</b> | <b>Topics</b>                         | <b>Name of the teacher</b> |
|----------------|---------------------------------------|----------------------------|
| 1              | Introduction to Cardiovascular system | Dr. S. R. Salvi            |
| 2              | Origin & spread of cardiac impulse    | Dr. V. G. Jaltade          |
| 3              | Heart rate – I (Innervation of heart) | Dr. S. S. Jadhav           |
| 4              | Heart rate – II                       | Dr. S. S. Jadhav           |
| 5              | ECG                                   | Dr. N. G. Borade           |
| 6              | Cardiac cycle - I                     | Dr. V. G. Jaltade          |
| 7              | Cardiac cycle - II                    | Dr. V. G. Jaltade          |
| 8              | Physiology of blood vessels           | Dr. Ramya J.               |
| 9              | Haemodynamics - I                     | Dr. S. S. Jadhav           |
| 10             | Haemodynamics - II                    | Dr. S. S. Jadhav           |
| 11             | Blood Pressure - I                    | Dr. S. R. Salvi            |
| 12             | Blood Pressure - II                   | Dr. S. R. Salvi            |
| 13             | Cardiac output - I                    | Dr. P. D. Khuje            |
| 14             | Cardiac output - II                   | Dr. P. D. Khuje            |
| 15             | Coronary circulation                  | Dr. S. T. Methre           |
| 16             | Tissue fluid formation - I            | Dr. R. S. Sood             |
| 17             | Tissue fluid formation - II           | Dr. R. S. Sood             |
| 18             | Circulatory shock                     | Dr. S. T. Methre           |
| 19             | Pulmonary circulation                 | Dr. M. S. Karandikar       |

### Respiratory System

| <b>Sr. No.</b> | <b>Topics</b>                                    | <b>Name of the teacher</b> |
|----------------|--|----------------------------|
| 1              | Introduction to respiratory system               | Dr. S. T. Methre           |
| 2              | Mechanics of respiration I                       | Dr. S. R. Salvi            |
| 3              | Diffusion of gases                               | Dr. N. N. Sirdesai         |
| 4              | Mechanics of respiration II                      | Dr. S. R. Salvi            |
| 5              | Transport of O <sub>2</sub>                      | Dr. S. S. Jadhav           |
| 6              | Transport of CO <sub>2</sub>                     | Dr. V. G. Jaltade          |
| 7              | Neural regulation of respiration                 | Dr. A. N. Patil            |
| 8              | Chemical regulation of respiration               | Dr. M. S. Karandikar       |
| 9              | Hypoxia, Periodic breathing, Cyanosis & Dyspnoea | Dr. R. S. Sood             |
| 10             | Acclimatization to high altitude                 | Dr. S. T. Methre           |
| 11             | Cardio respiratory changes during exercise       | Dr. R. S. Sood             |

## Excretory System

| <b>Sr. No.</b> | <b>Topics</b>                          | <b>Name of the teacher</b> |
|----------------|--|----------------------------|
| 1              | Structure & Functions of kidney        | Dr. M. S. Karandikar       |
| 2              | Renal circulation                      | Dr. Neelam Prasad          |
| 3              | Urine formation I                      | Dr. Neelam Prasad          |
| 4              | Urine formation - II                   | Dr. Neelam Prasad          |
| 5              | Urine formation - III                  | Dr. P. D. Khuje            |
| 6              | Urine formation - IV                   | Dr. V. G. Jaltade          |
| 7              | Concentration & dilution of urine - I  | Dr. M. S. Karandikar       |
| 8              | Concentration & dilution of urine - II | Dr. M. S. Karandikar       |
| 9              | Micturition reflex & its disorders     | Dr. R. S. Sood             |
| 10             | Regulation of blood volume             | Dr. S. S. Jadhav           |

## Endocrinology

| <b>Sr. No.</b> | <b>Topics</b>   | <b>Name of the teacher</b> |
|----------------|---|----------------------------|
| 1              | Introduction to endocrinology & Mechanisms of hormone action                                  | Dr. Neelam Prasad          |
| 2              | Anterior Pituitary gland – I (functional anatomy, Hypothalamic control of anterior pituitary) | Dr. S. T. Methre           |
| 3              | Anterior Pituitary gland – II (Growth hormone)  | Dr. S. R. Salvi            |
| 4              | Posterior Pituitary gland   | Dr. B. N. Pande            |
| 5              | Disorders of pituitary gland  | Dr. N. N. Sirdesai         |
| 6              | Thyroid gland - I   | Dr. M. S. Karandikar       |
| 7              | Thyroid gland - II  | Dr. M. S. Karandikar       |
| 8              | Thyroid gland - III (Disorders)   | Dr. P. D. Khuje            |
| 9              | Adrenal cortex – I (Glucocorticoid)   | Dr. V. G. Jaltade          |
| 10             | Adrenal cortex – II   | Dr. V. G. Jaltade          |
| 11             | Adrenal cortex – III (Disorders)  | Dr. S. T. Methre           |
| 12             | Calcium Homeostasis   | Dr. S. S. Jadhav           |
| 13             | Endocrine pancreas – I  | Dr. R. S. Sood             |
| 14             | Endocrine pancreas – II   | Dr. R. S. Sood             |

## Gastrointestinal System

| <b>Sr. No.</b> | <b>Topics</b>  | <b>Name of the teacher</b> |
|----------------|--|----------------------------|
| 1              | Introduction to gastrointestinal system (Including splanchnic circulation) | Dr. S. T. Methre           |
| 2              | Salivary secretion   | Dr. B. N. Pande            |
| 3              | Mastication & Deglutition  | Dr. Ramya J.               |
| 4              | Gastric juice secretion - I  | Dr. Neelam Prasad          |
| 5              | Gastric juice secretion - II   | Dr. Neelam Prasad          |
| 6              | Gastric emptying   | Dr. Ramya J.               |
| 7              | Liver, Bile & Gall bladder   | Dr. R. S. Sood             |
| 8              | Exocrine pancreas  | Dr. V. G. Jaltade          |
| 9              | Intestinal secretion   | Dr. R. S. Sood             |
| 10             | Movements of intestine   | Dr. Ramya J.               |
| 11             | GIT hormones   | Dr. N. N. Sirdesai         |

## Nutrition

| <b>Sr. No.</b> | <b>Topics</b>  | <b>Name of the teacher</b> |
|----------------|----------------|----------------------------|
| 1              | Nutrition - I  | Dr. B. N. Pande            |
| 2              | Nutrition - II | Dr. B. N. Pande            |

## Central Nervous System

| <b>Sr. No.</b> | <b>Topics</b>                                  | <b>Name of the teacher</b> |
|----------------|--|----------------------------|
| 1              | Introduction to Nervous System (CNS)           | Dr. S. S. Jadhav           |
| 2              | Physiology of nerve                            | Dr. P. D. Khuje            |
| 3              | Cerebral Circulation                           | Dr. S. T. Methre           |
| 4              | Synapse- I                                     | Dr. M. S. Karandikar       |
| 5              | Synapse- II                                    | Dr. M. Karandikar          |
| 6              | Sensory Receptor- I                            | Dr. S. S. Jadhav           |
| 7              | Sensory Receptor- II                           | Dr. S. S. Jadhav           |
| 8              | Organization of spinal cord                    | Dr. A. N. Patil            |
| 9              | Reflex action – I                              | Dr. Neelam Prasad          |
| 10             | Reflex action – II                             | Dr. Neelam Prasad          |
| 11             | Ascending tracts                               | Dr. V. G. Jaltade          |
| 12             | Pain - I                                       | Dr. S. R. Salvi            |
| 13             | Pain - II                                      | Dr. S. R. Salvi            |
| 14             | Thalamus                                       | Dr. P. D. Khuje            |
| 15             | Cerebral cortex - I                            | Dr. R. S. Sood             |
| 16             | Cerebral cortex - II                           | Dr. R. S. Sood             |
| 17             | Pyramidal tract (Descending tract - I)         | Dr. M. S. Karandikar       |
| 18             | Extra pyramidal tracts (Descending tract - II) | Dr. P. D. Khuje            |
| 19             | Basal ganglia – I                              | Dr. S. R. Salvi            |
| 20             | Basal ganglia – II                             | Dr. S. R. Salvi            |
| 21             | Cerebellum – I                                 | Dr. S. T. Methre           |
| 22             | Cerebellum – II                                | Dr. S. T. Methre           |
| 23             | Muscle Tone – I                                | Dr. V. G. Jaltade          |
| 24             | Muscle Tone – II                               | Dr. V. G. Jaltade          |

|    |                                |                      |
|----|--------------------------------|----------------------|
| 25 | Posture - I                    | Dr. V. G. Jaltade    |
| 26 | Posture - II                   | Dr. V. G. Jaltade    |
| 27 | Vestibular apparatus - I       | Dr. M. S. Karandikar |
| 28 | Vestibular apparatus - II      | Dr. M. S. Karandikar |
| 29 | Reticular formation & ARAS     | Dr. S. S. Jadhav     |
| 30 | EEG                            | Dr. S. R. Salvi      |
| 31 | Sleep & wakefulness            | Dr. S. S. Jadhav     |
| 32 | Prefrontal lobe & speech       | Dr. M. S. Karandikar |
| 33 | Hypothalamus - I               | Dr. P. D. Khuje      |
| 34 | Hypothalamus - II              | Dr. P. D. Khuje      |
| 35 | Limbic system                  | Dr. Neelam Prasad    |
| 36 | Regulation of body Temperature | Dr. S. T. Methre     |
| 37 | Lesions of Spinal Cord         | Dr. R. S. Sood       |
| 38 | Learning & memory – I          | Dr. S. S. Jadhav     |
| 39 | Learning & memory – II         | Dr. S. S. Jadhav     |
| 40 | CSF & Blood Brain Barrier      | Dr. S. T. Methre     |
| 41 | ANS - I                        | Dr. P. D. Khuje      |
| 42 | ANS - II                       | Dr. P. D. Khuje      |

### Special Senses

| Sr. No. | Topics                                     | Name of the teacher |
|---------|--|---------------------|
| 1       | Introduction to eye & optics (Eye - I)     | Dr. N. N. Sirdesai  |
| 2       | Errors of refraction (Eye - II)            | Dr. A. N. Patil     |
| 3       | Photochemistry of vision (Eye - III)       | Dr. B. N. Pande     |
| 4       | Accommodation & visual reflexes (Eye - IV) | Dr. R. S. Sood      |
| 5       | Neurophysiology of Vision I (Eye V)        | Dr. S. T. Methre    |
| 6       | Neurophysiology of Vision II (Eye - VI)    | Dr. S. T. Methre    |
| 7       | Ear - I                                    | Dr. S. R. Salvi     |
| 8       | Ear - II                                   | Dr. Neelam Prasad   |
| 9       | Ear - III                                  | Dr. Neelam Prasad   |

### Reproductive System

| Sr. No. | Topics   | Name of the teacher  |
|---------|--|----------------------|
| 1       | Introduction to Reproductive system, Sex determination & differentiation | Dr. A. N. Patil      |
| 2       | Physiology of puberty (male & female)                                    | Dr. A. N. Patil      |
| 3       | Male reproductive system - I   | Dr. Ramya J.         |
| 4       | Female sex hormones  | Dr. B. N. Pande      |
| 5       | Male reproductive system - II  | Dr. Ramya J.         |
| 6       | Menstrual cycle  | Dr. S. R. Salvi      |
| 7       | Physiology of pregnancy – I  | Dr. N. N. Sirdesai   |
| 8       | Physiology of pregnancy - II   | Dr. N. N. Sirdesai   |
| 9       | Physiology of Lactation  | Dr. M. S. Karandikar |

### Aviation and space physiology

| Sr. No. | Topics                             | Name of the teacher |
|---------|------------------------------------|---------------------|
| 1       | Aviation and space physiology - I  | Dr. P. D. Khuje     |
| 2       | Aviation and space physiology - II | Dr. P. D. Khuje     |

### Bioethics

| Sr. No. | Topics  | Name of the teacher |
|---------|---|---------------------|
| 1       | Indian ethos & tradition                        | Dr. R. S. Sood      |
| 2       | Ethics- Role of Family and society in Bioethics | Dr. Neelam Prasad   |

### Sports Physiology

| Sr. No. | Topics               | Name of the teacher |
|---------|----------------------|---------------------|
| 1       | Sports Physiology I  | Guest speaker       |
| 2       | Sports Physiology II | Guest speaker       |

### Yoga & Pranayam

| Sr. No. | Topics              | Name of the teacher |
|---------|---------------------|---------------------|
| 1       | Yoga & Pranayam- I  | Guest speaker       |
| 2       | Yoga & Pranayam- II | Guest speaker       |

### Small Group Teachings

| Sr. No. | Topics   | Name of the teacher |
|---------|--|---------------------|
| 1       | Regulation of respiration  | All Teachers        |
| 2       | Blood Pressure   | All Teachers        |
| 3       | Mechanics of respiration   | All Teachers        |
| 4       | Menstrual cycle  | All Teachers        |
| 5       | Physiology of pregnancy  | All Teachers        |
| 6       | Optic tract & effect of lesion at various level/<br>Mechanism of hearing | All Teachers        |
| 7       | Cerebellum   | All Teachers        |

### Flip Teachings

| Sr. No. | Topics                                 | Name of the teacher |
|---------|--|---------------------|
| 1       | Thyroid hormone synthesis & regulation | All Teachers        |
| 2       | Gastric secretion                      | All Teachers        |

## Practicals

| <b>Sr. No.</b> | <b>Haematology Practical</b>       |
|----------------|------------------------------------|
| 1              | Orientation to labs                |
| 2              | Study of microscope                |
| 3              | Collection of Blood                |
| 4              | Estimation of haemoglobin          |
| 5              | WBC Count                          |
| 6              | RBC Count                          |
| 7              | Blood group                        |
| 8              | Peripheral Blood Smear             |
| 9              | Bleeding time & clotting time      |
| 10             | Differential Leucocyte Count (DLC) |
| 11             | Test on Haematology practicals     |

| <b>Sr. No.</b> | <b>Clinical Practical</b>  |
|----------------|--|
| 1              | Introduction to clinical examination   |
| 2              | Clinical examination of Arterial Pulse                                       |
| 3              | Determination of Jugular Venous Pressure                                     |
| 4              | Clinical examination of Cardiovascular system                                |
| 5              | Determination of arterial Blood pressure                                     |
| 6              | Clinical examination of Respiratory system                                   |
| 7              | Artificial Respiration   |
| 8              | Clinical examination of alimentary system & abdomen                          |
| 9              | Clinical examination of sensory system                                       |
| 10             | Clinical examination of motor system – I                                     |
| 11             | Clinical examination of motor system – II                                    |
| 12             | Higher function  |
| 13             | Clinical examination of eye  |
| 14             | Acuity of Vision   |
| 15             | Visual reflexes  |
| 16             | Clinical examination of III, IV, VI cranial nerves                           |
| 17             | Clinical examination of other cranial nerves                                 |
| 18             | Tests for hearing & deafness   |
| 19             | Test on clinical examination of CVS & RS                                     |
| 20             | Test on clinical examination of alimentary system & abdomen & Sensory system |
| 21             | Test on clinical examination of motor system – I & II                        |
| 22             | Journal completion & certification   |

### Lecture Demonstration (LDs)

| Sr. No. | LDs on haematology   |
|---------|--|
| 1       | Erythropoiesis   |
| 2       | ESR & PCV  |
| 3       | Anaemia & Blood Indices  |
| 4       | Blood Transfusion  |
| 5       | Platelet   |
|         | <b>Animal experiment demonstration by using simulation</b>   |
| 6       | Study of Instruments, NM preparation, SMC, SD Curve  |
| 7       | Effect of Temperature on SMC, Velocity of nerve impulse, effect of various strength of stimuli on skeletal muscle      |
| 8       | Genesis of tetanus   |
| 9       | Effect of load & fatigue   |
| 10      | Cardiac graph: Normal cardiogram, Effect of temperature, Stannius ligature, All or none law, Beneficial effect         |
| 11      | Cardiac muscle: Long refractory period, Extra systole & compensatory pause, Incomplete tetanus, Two successive stimuli |
| 12      | Cardiac muscle: Nervous regulation of frogs heart, Vagal escape & Effect of drugs – Adrenaline, Acetylcholine Nicotine |
|         | <b>Human demonstration</b>   |
| 13      | E. C. G.   |
| 14      | Spirometry   |
| 15      | Cardiopulmonary efficiency test  |
| 16      | Stethography   |
| 17      | Ergography   |
| 18      | Perimetry  |
| 19      | Study of Body temperature in Man   |
| 20      | Colour vision  |
| 21      | Organization of CNS  |
| 22      | Clinical examination of Taste & smell  |
| 23      | Pregnancy Test & Family Planning   |
| 24      | Revision of cardiac muscle graphs  |
| 25      | Revision: Skeletal muscle graphs   |
| 26      | Revision: Perimetry, colour vision & endocrine graphs  |
| 27      | Revision of theory & calculation based graphs  |
| 28      | Tests on LDs: ECG, CPET & Stethography   |
| 29      | Tests on LDs: Spirometry & Ergography  |
| 30      | Journal completion & certification   |

## Tutorials

| <b>Sr. No.</b> | <b>Tutorials</b>                      |
|----------------|---------------------------------------|
| 1              | Transport across cell membrane        |
| 2              | Immunity                              |
| 3              | Molecular Basis of Muscle contraction |
| 4              | Origin & spread of cardiac impulse    |
| 5              | WBC                                   |
| 6              | GFR                                   |
| 7              | Anterior Pituitary Gland              |
| 8              | Counter current mechanism             |
| 9              | Thyroid                               |
| 10             | Movements of small & large intestine  |
| 11             | Adrenal cortex                        |
| 12             | Synapse                               |
| 13             | Ascending tracts                      |
| 14             | Muscle tone                           |
| 15             | Hypothalamus                          |
| 16             | Prefrontal & limbic lobe              |



## 8. Integrated Teaching

| Sr. No. | Topic   | Name of the faculty  |
|---------|---|----------------------|
| 1       | Liver & Extrahepatic biliary apparatus                          | Dr. A. A. Jadhav     |
| 2       | Physiology of Salivary Secretion                                | Dr. Neelam Prasad    |
| 3       | Functions of cell, Cell organelles, Transport of Macromolecules | Dr. Seema T. Methre  |
| 4       | Muscle: Molecular basis of muscle contraction                   | Dr. Ramya Jayakumar  |
| 5       | Muscle: Action potential  | Dr. Ashwini N. Patil |

## 9. Dissertations



| Sr. No | Name of PG Student     | Year of Admission | Year of passing | Dissertation Topic  | Name of the PG Guide |
|--------|------------------------|-------------------|-----------------|---|----------------------|
| 1      | Dr. Jyotsna Tirumalai  | 2011              | 2014            | Study of the normative changes in auditory brainstem response in infants.   | Dr. N. G. Borade     |
| 2      | Dr. Sudipta Saha       | 2011              | 2014            | A study of autonomic functions in normotensive offspring with a genetic predisposition to essential hypertension.                   | Dr. M. S. Karandikar |
| 3      | Dr. Kiranmai V.        | 2011              | 2014            | A study of tactile sensation and memory in blind and sighted individuals.   | Dr. N. G. Borade     |
| 4      | Dr. S. Sarkar          | 2012              | 2015            | A study of the effect of nutritional status on heart rate variabilities and skeletal muscle endurance in young adults.              | Dr. N. G. Borade     |
| 5      | Dr. S. Mukherjee       | 2012              | 2015            | Effect of music on exercise induced sympathetic dominance, assessed by autonomic function tests.                                    | Dr. A. A. Jadhav     |
| 6      | Dr. Prajakta Chaudhari | 2013              | 2016            | Effect of obesity reduction on pulmonary function tests   | Dr. A. A. Jadhav     |
| 7      | Dr. Gurunath Birajdar  | 2013              | 2016            | Effect of smoking on autonomic functions and pulmonary function tests.  | Dr. V. R. Purandare  |
| 8      | Dr. Sataree Kothadia   | 2014              | 2017            | A study of Heart Rate Variability & Inflammatory markers in Subclinical Hypothyroidism.   | Dr. Neelam Prasad    |
| 9      | Dr. Vedashree Hegde    | 2015              | 2018            | A comparative study of cardiac autonomic functions in practioners of yoga, trained athletes and individuals of sedentary lifestyle. | Dr. N. G. Borade     |

**10. Achievements/Awards of Faculty, UG Student, PG student yearwise (calendar year) from 1<sup>st</sup> January 2014 to 2019 till date**

| Sr. No.          | Name                    | Designation | Details of achievements  |
|------------------|-------------------------|-------------|--|
| <b>Year 2014</b> |                         |             |  |
| 1                | Dr. (Mrs.) N. G. Borade | Prof. & HOD | Mahatma Gandhi Gold Medal Award by Global Economics Progress & Research Association GEPR (New Delhi) on 2nd Oct. 2014.   |
| <b>Year 2016</b> |                         |             |  |
| 1                | Dr. Gurunath Birajdar   | PG resident | Best Paper Award (2 <sup>nd</sup> Prize) in 42 <sup>nd</sup> Annual Conference, The Research Society Of B. J. Govt. Medical College and Sassoon General Hospitals, Pune. 24 <sup>th</sup> Feb to 26 <sup>th</sup> Feb 2016                     |
| <b>Year 2017</b> |                         |             |  |
| 1                | Dr. R. S. Sood          | Professor   | Special appreciation award for the poster presented in MULTICON 2017   |
| <b>Year 2018</b> |                         |             |  |
| 1                | Dr. R. S. Sood          | Professor   | Certificate of appreciation for poster presented in MULTICON 2018. 8 <sup>th</sup> & 9 <sup>th</sup> Dec 2018  |
| <b>Year 2019</b> |                         |             |  |
| 1                | Dr. R. S. Sood          | Professor   | Best poster award for paper presented in 45 <sup>th</sup> Annual conference of research society of BJ Medical College & Sassoon General Hospitals. Pune. 20 <sup>th</sup> , 21 <sup>st</sup> & 22 <sup>nd</sup> Feb. 2019.                     |
| 2                | Dr. R. S. Sood          | Professor   | Best poster (outside Institute) award for paper presented in 45 <sup>th</sup> Annual conference of research society of BJ Medical College & Sassoon General Hospitals. Pune. 20 <sup>th</sup> , 21 <sup>st</sup> & 22 <sup>nd</sup> Feb. 2019. |

**11.Conferences/CME/Workshop organized by department year wise (calendar year) from 1<sup>st</sup> 2014 to 2019 till date (With 2/3 photographs of each event)**

Guest lectures organized by the department

| Sr. No.  | Title  | Date       | Guest Speaker   | No. of Delegates Attended |
|--|--|------------|---|---------------------------|
| <b>Year 2014</b>   |  |            |   |                           |
| 1  | “Dont be a gama in the land of lama”’an high altitude lesson from Ladakh”. | 28/11/2014 | Dr.(col) Anuj chawla<br>Professor & Head , Physiology<br>Armed Force Medical College, Pune  | I/II MBBS students        |
|   |  |            |   |                           |
| <b>Year 2016</b>   |  |            |   |                           |
| 1  | FITNESS  | 20/04/2016 | Dr. Ali Irani<br>President of Indian Association<br>physiotherapists,<br>Principal of Nmims University<br>Head of the department of<br>physiotherapy, Sports Medicine &<br>Rehabilitation Center, Dr. Balabhai<br>Nanavati Hospital, Mumbai | I/II MBBS students        |
|  |  |            |   |                           |

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|---|-------------------|------------|----------------------------------|-----------------------|
| 2 | Yoga and Wellness | 21/06/2016 | Mrs.Vidya Badade<br>Yoga teacher | I/II MBBS<br>students |
|---|-------------------|------------|----------------------------------|-----------------------|

**Year 2017**

|   |                 |            |                                   |                       |
|---|-----------------|------------|-----------------------------------|-----------------------|
| 1 | Yoga & Pranayam | 12/06/2017 | Mr. Satish Argade<br>Yoga teacher | I/II MBBS<br>students |
|---|-----------------|------------|-----------------------------------|-----------------------|



|   |   |            |  |                       |
|---|---|------------|--|-----------------------|
| 2 | Fitness Medicine, An approach to exercise prescription & Pranayam | 15/06/2017 | Dr. (Mrs.) Leena Phadke<br>Associate professor Physiology<br>Kashibai Nawale, Medical College,<br>Pune | I/II MBBS<br>students |
|---|---|------------|--|-----------------------|



***Fitness Medicine, An approach to exercise prescription & Pranayam (2017)***

Dr. (Mrs.) Leena Phadke, Associate professor Physiology Kashibai Nawale, Medical College, Pune.



|   |                   |            |   |                       |
|---|-------------------|------------|---|-----------------------|
| 3 | Stress Management | 16/06/2017 | Prajapita Brahma Kumari<br>Ishwariya Vishwa Vidyalaya<br>Yoga teacher | I/II MBBS<br>students |
|---|-------------------|------------|---|-----------------------|

### Year 2018

|   |  |            |   |                       |
|---|--|------------|---|-----------------------|
| 1 | Exercise Physiology- The stepping stone to understanding body's frenzy | 19/03/2018 | Dr. Vaishnavi Chiddarwar<br>Physiotherapist, D. Y. Patil<br>University School of<br>Physiotherapy, Nerul. | I/II MBBS<br>students |
|---|--|------------|---|-----------------------|



### Year 2019

|   |                   |            |  |                       |
|---|-------------------|------------|--|-----------------------|
| 1 | Health Management | 15/05/2019 | Dr. Himanshu Vaze<br>Diploma in Sports Medicine,<br>(Germany) consultant in joint care,<br>Ergonomics & Comprehensive<br>Health management. Pune | I/II MBBS<br>students |
|---|-------------------|------------|--|-----------------------|



**12. Conferences/CME/Workshop attended by faculty and students year wise (calendar year) from 1<sup>st</sup> 2014 to 2019 till date**

| Sr. No           | Name of the Participant | Designation     | Name of the CME/ Conference / Workshop   | Date & Venue/Place   | Role(Delegate/ Resource person/ Chairperson/ Panelist ) |
|------------------|-------------------------|-----------------|--|--|---|
| <b>Year 2014</b> |                         |                 |  |  |   |
| 1                | Dr. (Mrs.) S. S. Jadhav | Asso. Professor | Basic Course Workshop in Medical Education Technology <b>MET</b>   | Department of Medical Educational, Padm. Dr. D. Y. Patil Medical College, Pimpri, Pune 27 <sup>th</sup> Jan. 2014 to 29 <sup>th</sup> Jan 2014 | Presented PPT on Actions of Extraocular muscles         |
| 2                | Dr. (Mrs.) N. G. Borade | Professor & HOD | 'National <b>Conference</b> including Workshop (ENTER – 2014) Electrophysiology & Neurology Trends in Electrodiagnosis & Research' | D.Y.Patil University, Kolhapur 31 Jan.2014 to 01 Feb. 2014   | Delegate  |
|                  | Dr. M. S. Karandikar    | Professor       |  |  |   |
|                  | Dr. V. G. Jaltade       | Professor       |  |  |   |
| 3                | Dr. R. S. Sood          | Professor       | XI RESCON. Annual Research Society <b>Conference</b> – 2014  | Bharati Vidyapeeth University Medical College, Pune. 21 Feb. 2014 to 22 Feb. 2014  | Delegate  |
| 4                | Dr. V.G.Jaltade         | Professor       | <b>CME</b> on 'Clinical Trial Design & Data Analysis'  | BJ Medical College & Sassoon General Hospitals. 5 March 2014   | Delegate  |
|                  | Dr. A. A. Jadhav        | Professor       |  |  |   |
|                  | Dr. Neelam P.           | Professor       |  |  |   |
|                  | Dr. R. S. Sood          | Professor       |  |  |   |
|                  | Dr. S. S. Jadhav        | Asso.Professor  |  |  |   |
|                  | Dr. S. T. Methre        | Asso.Professor  |  |  |   |
|                  | Dr. Sheetal Salvi       | Asso.Professor  |  |  |   |
|                  | Dr. A. N. Diddee        | Demon.          |  |  |   |
| 5                | Dr. R. S. Sood          | Professor       | XL Annual Research Society <b>Conference</b> , BJ Medical College & Sassoon General Hospitals                                      | BJ Medical College & Sassoon General Hospitals 6 Mar. 2014 to 7 Mar. 2014  | Presented paper   |
| 6                | Dr.(Mrs.)N. G. Borade   | Professor & HOD | XL Annual Research Society <b>Conference</b> , BJ Medical College & Sassoon General Hospitals                                      | BJ Medical College & Sassoon General Hospitals 6 Mar. 2014 To 7 Mar. 2014  | Presented paper   |
|                  | Dr. Kiranmai V.         | PG Student      |  |  |   |

|                  |                         |                  |   |   |                             |
|------------------|-------------------------|------------------|---|---|-----------------------------|
| 7                | Dr. (Mrs.) N. G. Borade | Professor & HOD  | XL Annual Research Society <b>Conference</b><br>BJ Medical College & Sassoon General Hospitals                  | BJ Medical College & Sassoon General Hospitals.<br>6 Mar. 2014 to 7 Mar. 2014                               | Delegate                    |
|                  | Dr. V. G. Jaltade       | Professor        |   |   |                             |
|                  | Dr. M. S. Karandikar    | Professor        |   |   |                             |
|                  | Dr. A. A. Jadhav        | Professor        |   |   |                             |
|                  | Dr. R. S. Sood          | Professor        |   |   |                             |
|                  | Dr. P. D. Khuje         | Professor        |   |   |                             |
|                  | Dr Neelam P.            | Professor        |   |   |                             |
|                  | Dr. S. S. Jadhav        | Asso. Professor  |   |   |                             |
|                  | Dr. S. T. Methre        | Asso. Professor  |   |   |                             |
|                  | Dr. Sheetal Salvi       | Asso. Professor  |   |   |                             |
|                  | Dr. A. N. Diddee        | Demonstrator     |   |   |                             |
| 8                | Dr. P. D. Khuje         | Professor        | <b>CME</b> on ‘DTP on RNTCP 2014’   | IMA-GFATM-RNTCP-PPM-RCC Project at Niramaya Hospital, Chinchwad, Pune 19<br>22 June 2014                    | Delegate                    |
| 9                | Dr. Neelam Prasad       | Professor        | <b>Seminar on “Emotional Well Being”</b>  | Complaints committee, Dr.D.Y.Patil Medical College,Pimpri, Pune<br>18 Sept.2014                             | Delegate                    |
|                  | Dr. S. S. Jadhav        | Asso. Professor  |   |   |                             |
|                  | Dr. S. T. Methre        | Asso. Professor  |   |   |                             |
|                  | Dr. Sheetal Salvi       | Asso. Professor  |   |   |                             |
| 10               | Dr. Sheetal Salvi       | Asso. Professor  | Basic Course Workshop in Medical Education Technology<br><b>MET</b>   | Dr. D. Y. Patil Medical College, Pimpri, Pune.<br>16 <sup>th</sup> Oct to 18 <sup>th</sup> Oct 2014         | Delegate                    |
|                  | Dr. Ramya Jayakumar     | Assit. Professor |   |   |                             |
| 11               | Dr. Neelam Bala Prasad  | Professor        | 20 Dec. 2014 to 21 Dec. 2014<br>3 <sup>rd</sup> International <b>Conference</b> On Basic And Applied Physiology | Department of Physiology, Smt. N.H.L. Municipal Medical College, Ahemdabad.<br>20 Dec. 2014 to 21 Dec. 2014 | Delegate                    |
|                  | Dr. Sheetal Salvi       | Asso. Professor  |   |   |                             |
| <b>Year 2015</b> |                         |                  |   |   |                             |
| 1                | Dr. S. S. Jadhav        | Asso. Professor  | International Convention on challenges in medical education   | MGM Medical College & Hospital, Aurangabad<br>9 Jan 2015 to 11 Jan 2015                                     | Delegate & Poster presented |
|                  | Dr. S. T. Methre        | Asso. Professor  |   |   |                             |

|   |                        |                  |   |  |          |
|---|------------------------|------------------|---|--|----------|
| 2 | Dr. (Mrs.) N.G. Borade | Professor & HOD  | 41 <sup>st</sup> Annual <b>Conference</b> of Research Society of B.J. Medical College & Sassoon General Hospital, Pune. | BJ Medical College & Sassoon General Hospitals.<br>12 <sup>th</sup> & 13 <sup>th</sup> February 2015               | Delegate |
|   | Dr. A. A. Jadhav       | Professor        |   |  |          |
|   | Dr. V. G. Jaltade      | Professor        |   |  |          |
|   | Dr. S. S. Jadhav       | Asso. Professor  |   |  |          |
|   | Dr. A. N. Diddee       | Demonstrator     |   |  |          |
| 3 | Dr. V. G. Jaltade      | Professor        | Annual medical <b>conference</b> Asclepiad 2015   | Shri Bhausaheb Hire Govt. Medical College, Dhule<br>2 <sup>nd</sup> , 3 <sup>rd</sup> & 4 <sup>th</sup> March 2015 | Delegate |
| 4 | Dr. R. S. Sood         | Professor        | <b>Workshop</b> on Public Health Preparedness, Response and Medical Management  | Dr. D. Y. Patil Vidyapeeth, Pimpri Pune 18.<br>24 <sup>th</sup> & 25 <sup>th</sup> April 2015                      | Delegate |
| 5 | Dr. R. S. Sood         | Professor        | <b>CME</b> on Diagnosis and Management of Common Diseases and their Challenges  | Asian Society of Continuing Medical Education<br>May 2015  | Delegate |
| 6 | Dr. R. S. Sood         | Professor        | <b>CME</b> on Psychiatric Neuroscience  | Dr. D. Y. Patil Vidyapeeth, Pimpri Pune 18.<br>10 <sup>th</sup> & 11 <sup>th</sup> June 2015                       | Delegate |
|   | Dr. P. D. Khuje        | Professor        |   |  |          |
|   | Dr. S. S. Jadhav       | Asso. Professor  |   |  |          |
|   | Dr. Ashwini Patil      | Assit. Professor |   |  |          |
|   | Dr. A. N. Diddee       | Demonstrator     |   |  |          |
|   | Dr. Prajakta C.        | PG. Student      |   |  |          |
|   | Dr. Sataree K.         | PG. Student      |   |  |          |
| 7 | Dr. Ramya Jayakumar    | Assit. Professor | Preventive Gynaec Oncology <b>Conference</b>  | Deenanath Mangeshkar Hospital & Research Centre, Pune<br>13 <sup>th</sup> & 14 <sup>th</sup> June 2015             | Delegate |
| 8 | Dr. Srinivas Dhangar   | Demonstrator     | CME on Research Methodology   | Dr. D. Y. Patil Medical College, Pimpri, Pune<br>5 July 2015   | Delegate |
| 9 | Dr. R. S. Sood         | Professor        | Basic Course Workshop in Medical Education Technology <b>MET</b>  | Dr. D. Y. Patil Medical College, Pimpri, Pune<br>28 <sup>th</sup> to 30 <sup>th</sup> July 2015                    | Delegate |



|    |                        |                  |   |   |          |
|----|------------------------|------------------|---|---|----------|
| 10 | Dr. V. G. Jaltade      | Professor        | 3T Bioethics Training Programme <b>Workshop</b> , for Medical Teachers. Unesco chair bioethics (HAIFA)                      | DPU Unit of UNESCO Chair in Bioethics (HAIFA) 3 <sup>rd</sup> to 6 <sup>th</sup> August 2015            | Delegate |
|    | Dr. M. S. Karandikar   | Professor        |   |   |          |
|    | Dr. R. S. Sood         | Professor        |   |   |          |
| 11 | Dr. P. D. Khuje        | Professor        | Quality management system as per ISO 9001 – 2008  | Dr. D. Y. Patil Dental College Pimpri Pune 7 <sup>th</sup> & 8 <sup>th</sup> August 2015                | Delegate |
| 12 | Dr. S. S. Jadhav       | Asso. Professor  | MediACE 2015  | Smt. Kashibai Navale Medical College & General Hospital 21 <sup>st</sup> & 22 <sup>nd</sup> August 2015 | Delegate |
| 13 | Dr. R. S. Sood         | Professor        | DPU Respiratory Update 2015   | Dr. D. Y. Patil Medical College, Pimpri, Pune 30 <sup>th</sup> August 2015                              | Delegate |
|    | Dr. P. D. Khuje        | Professor        |   |   |          |
|    | Dr. Srinivas Dhangar   | Demonstrator     |   |   |          |
| 14 | Dr. R. S. Sood         | Professor        | <b>Course</b> in Diabetes Mellitus (TOFID)  | Diabetes India at Pune 30 <sup>th</sup> Aug 2015  | Delegate |
| 15 | Dr. Nivedita Sirdesai  | Assit. Professor | IDCON 2015  | Indian Medical Association Pimpri Chinchwad Bhosari Branch 10 <sup>th</sup> -11 <sup>th</sup> Oct 2015  | Delegate |
| 16 | Dr. (Mrs.) N.G. Borade | Professor & HOD  | Menopause Uttarayan In Women's Life at Dr. D. Y. Patil College of Physiotherapy   | Dr. D. Y. Patil College of Physiotherapy 20 <sup>th</sup> Oct 2015                                      | Speaker  |
| 17 | Dr. A. A. Jadhav       | Professor        | 4 <sup>th</sup> Annual Research Society <b>Conference</b> Mimer Medical College, Talegaon Dabhade                           | Mimer Medical College, Talegaon Dabhade 23 <sup>rd</sup> & 24 <sup>th</sup> November 2015               | Delegate |
|    | Dr. Gurunath Birajdar  | PG. Student      |   |   |          |
|    | Dr. P. Chaudhari       | PG. Student      |   |   |          |
| 18 | Dr. R.S. Sood          | Professor        | APPICON 2015, the 61st Annual <b>Conference</b> of Association of Physiologists & Pharmacologists of India at AIIMS Jodhpur | AIIMS Jodhpur 26 Nov 2015 to 28 Nov 2015  | Delegate |
| 19 | Dr. R.S. Sood          | Professor        | IMA <b>GPCON</b> 2015   | IMA Pune & IMA CGP, Pune Sub faculty 12 <sup>th</sup> & 13 <sup>th</sup> Dec 2015                       | Delegate |
| 20 | Dr. M. S. Karandikar   | Professor        | XXVIIth Annual <b>Conference</b> of the   | University Collages of Science and  | Delegate |

|                  |                        |                  |  |  |                                 |
|------------------|------------------------|------------------|--|--|---------------------------------|
|                  |                        |                  | Physiological Society of India at University Collages of Science and Technology University of Calcutta.          | Technology University of Calcutta.<br>18 <sup>th</sup> to 20 <sup>th</sup> Dec 2015                            |                                 |
| <b>Year 2016</b> |                        |                  |  |  |                                 |
| 1                | Dr. R. S. Sood         | Professor        | CME on Haematology   | IMA, Pune<br>21 <sup>st</sup> Feb 2016   | Delegate                        |
| 2                | Dr. (Mrs.) N.G. Borade | Professor & HOD  | 42nd Annual <b>Conference</b> of Research Society BJ Govt. Medical College, & Sassoon General Hospital, Pune     | BJ Medical College & Sassoon General Hospitals<br>24 <sup>th</sup> to 26 <sup>th</sup> Feb. 2016               | Delegate<br><br>Paper presented |
|                  | Dr. A. A. Jadhav       | Professor        |  |  |                                 |
|                  | Dr. Neelam Prasad      | Professor        |  |  |                                 |
|                  | Dr. RS Sood            | Professor        |  |  |                                 |
|                  | Dr. PD Khuje           | Professor        |  |  |                                 |
|                  | Dr. S. S. Jadhav       | Asso. Professor  |  |  |                                 |
|                  | Dr. Seema Methre       | Asso. Professor  |  |  |                                 |
|                  | Dr. Sheetal Salvi      | Asso. Professor  |  |  |                                 |
|                  | Dr. Ashwini Patil      | Assit. Professor |  |  |                                 |
|                  | Dr. Bageshree Pande    | Assit. Professor |  |  |                                 |
|                  | Dr. Gurunath B.        | PG. Student      |  |  |                                 |
|                  | Dr. Chaudhari P        | PG. Student      |  |  |                                 |
| 3                | Dr. M. S. Karandikar   | Professor        | 19 <sup>th</sup> Annual MRC – Sneha International <b>Workshop</b> on Developmental Origins of Health and Disease | Center for cellular and Molecular Biology (CCMB), Hyderabad.<br>26 <sup>th</sup> to 28 <sup>th</sup> Feb. 2016 | Delegate                        |
| 4                | Dr. A. A. Jadhav       | Professor        | <b>CME</b> on PCPNDT / MTP / family planning Scientific Program  | IMA Pimpri & Medical Dept. Pimpri Chinchwad Municipal Corporation<br>6 <sup>th</sup> March, 2016               | Delegate                        |
| 5                | Dr. R. S. Sood         | Professor        | International <b>workshop</b> on application of flow cytometry for health care professionals                     | Dr. D. Y. Patil Vidyapeeth, Pune. 11 <sup>th</sup> March 2016  | Delegate                        |
| 6                | Dr. R. S. Sood         | Professor        | <b>CME</b> on Epilepsy update 2016   | Dr. D. Y. Patil Medical College, Pimpri Pune 18.<br>12 <sup>th</sup> March, 2016                               | Delegate                        |
|                  | Dr. S. S. Jadhav       | Asso. Professor  |  |  |                                 |
|                  | Dr. S. T. Methre       | Asso. Professor  |  |  |                                 |
|                  | Dr. Sheetal Salvi      | Asso. Professor  |  |  |                                 |
|                  | Dr. Ashwini Patil      | Assit. Professor |  |  |                                 |

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|----|-----------------------|------------------|---|---|-----------------------------------|
| 7  | Dr. R. S. Sood        | Professor        | <b>CME</b> on womens health   | IMA, Pune 13 <sup>th</sup> March, 2016  | Delegate                          |
| 8  | Dr. Neelam P.         | Professor        | 3T plus & Bioethics training programme workshop for Medical teachers  | Dr. D. Y. Patil Vidyapeeth, Pune. 4 <sup>th</sup> to 6 <sup>th</sup> April 2016   | Delegate                          |
| 9  | Dr. R. S. Sood        | Professor        | 2 <sup>nd</sup> <b>Mini-symposium</b> on Cell Biology   | National Centre for Cell Science, Pune 11 <sup>th</sup> May 2016  | Delegate                          |
| 10 | Dr. Nivedita Sirdesai | Assit. Professor | Basic <b>workshop</b> in Health Sciences Education Technology   | D. Y. Patil Dental School, Lohegaon, Pune 10 <sup>th</sup> August 2016 to 12 <sup>th</sup> Aug 2016                                     | Delegate                          |
| 11 | Dr. R. S. Sood        | Professor        | Basic course on statistical packages for health research  | Medical education Technology unit, Dr. D. Y. Patil Medical College, Pimpri Pune 24 <sup>th</sup> to 25 <sup>th</sup> Aug. 2016          | Delegate                          |
| 12 | Dr. Seema Methre      | Asso. Professor  | 16 <sup>th</sup> National <b>Seminar</b> on Non Invasive Diagnostic Procedures in Cardiovascular Physiology-Recent Advances | Jawaharlal Nehru Medical College, Belagavi 27 <sup>th</sup> Aug. 2016   | Poster presented                  |
|    | Dr. Bageshree Pande   | Assit. Professor |   |   |                                   |
| 13 | Dr. R. S. Sood        | Professor        | Pre conference <b>workshop</b> : Writing a research paper for publication in a pubmed indexed journal ASSOPICON- 2016       | Dept. of Physiology BLDE university's Shri B. M. Patil Medical College, Hospital & Research Centre, Vijayapur, Karnataka. 14 Sept. 2016 | Delegate                          |
| 14 | Dr. P. D. Khuje       | Professor        | 1 <sup>st</sup> National Teachers' Congress   | MAEER's MIT Group of Institutions, Pune 23 <sup>rd</sup> to 25th Sept. 2016   | Delegate                          |
| 15 | Dr. R. S. Sood        | Professor        | IMA CGP Maharashtra State Annual <b>Conference</b> 2016   | Dr. Nitu Mandke IMA House, Pune 16 <sup>th</sup> Oct. 2016  | Delegate                          |
| 16 | Dr. R. S. Sood        | Professor        | 62 <sup>nd</sup> Annual Conference of Physiologists and Pharmacologists of India. APPICON 2016                              | All India Institute of Medical Sciences, Patna, Bihar. 22 Oct. 2016 to 24 Oct. 2016   | Oral paper<br>Poster presentation |

|                  |                        |                  |  |   |                  |
|------------------|------------------------|------------------|--|---|------------------|
| 17               | Dr. P. D. Khuje        | Professor        | <b>CME</b> on “PCPNDT Act Implementation”  | Yashwantrao Chavan Memorial Hospital, Pimpri<br>23rd October 2016   |                  |
| 18               | Dr. R. S. Sood         | Professor        | XXVIIIth Annual conference of the physiological Society of India. Midnapore, West Bengal, India.     | Midnapore college (Autonomous)<br>Midnapore, West Bengal, India.<br>18 Nov 2016 to 20 Nov 2016                                    | Paper presented  |
| 19               | Dr. S. T. Methre       | Asso. Professor  | <b>CME on</b> People’s health & quality of life  | Department of community Medicine<br>Dr. D. Y. Patil Medical College, Pimpri Pune<br>18 <sup>th</sup> to 22 <sup>nd</sup> Nov 2016 | Delegate         |
|                  | Dr. Ashwini Patil      | Assit. Professor |  |   |                  |
| 20               | Dr. R. S. Sood         | Professor        | Pre conference <b>workshop</b> –Advances in Cardiology and Combating Medicolegal Terror              | MULTICON 2016<br>IMA, Pune<br>27 <sup>th</sup> Nov 2016   | Delegate         |
| 21               | Dr. Neelam Bala Prasad | Professor        | 5 <sup>th</sup> Annual research society conference, Maeer’s Mimer medical college, Talega on Dabhade | Maeer’s Mimer medical college, Talegaon Dabhade<br>1 Dec 2016 to 2 Dec 2016   | Poster presented |
|                  | Dr. Sataree Kothadia   | PG. Student      |  |   |                  |
| 22               | Dr. R. S. Sood         | Professor        | MULTICON 2016  | IMA Pune at Annabhau Sathe Sabhagruh, Pune,<br>3 Dec 2016 to 4 Dec 2016   | Poster presented |
| <b>Year 2017</b> |                        |                  |  |   |                  |
| 1                | Dr. R. S. Sood         | Professor        | International Symposium on Integrating yoga and medicine: Developing evidence based guidelines       | Deenanath Mangeshkar Hospital & Research Center, Pune<br>15 <sup>th</sup> January 2017  | Delegate         |
| 2                | Dr. R. S. Sood         | Professor        | Thyroid disorders<br><b>CME-1</b>  | IMA, Pune<br>21 <sup>st</sup> January 2017  | Delegate         |
|                  | Dr. N. N. Sirdesai     | Assit.Professor  |  |   |                  |
| 3                | Dr. R. S. Sood         | Professor        | Thyroid disorders<br><b>CME-2</b>  | IMA, Pune<br>28 <sup>th</sup> January 2017  | Delegate         |
|                  | Dr. N. N. Sirdesai     | Assit.Professor  |  |   |                  |
| 4                | Dr. R. S. Sood         | Professor        | Thyroid disorders  | IMA, Pune   | Delegate         |

|    |                       |                  |  |   |                            |
|----|-----------------------|------------------|--|---|----------------------------|
|    | Dr. N.N.Sirdesai      | Assit.Professor  | <b>CME-3</b>   | 4 <sup>th</sup> Feb2017   |                            |
| 5  | Dr. M. S. Karandikar  | Professor        | 2 <sup>nd</sup> David Barker Memorial <b>Symposium</b><br>Departmental origins of health and disease                       | Bharati Vidyapeeth University Medical College, Pune<br>18 <sup>th</sup> February 2017   | Delegate                   |
|    | Dr. R. S. Sood        | Professor        |  |   |                            |
|    | Dr. V. G. Jaltade     | Professor        |  |   |                            |
|    | Dr. P. D. Khuje       | Professor        |  |   |                            |
| 6  | Dr. N. G. Borade      | Prof. & HOD      | 43rd Annual <b>Conference</b> of The Research Society of B. J. Government Medical College & Sassoon General Hospital, Pune | B. J. Government Medical College & Sassoon General Hospital, Pune<br>21 Feb 17 to 23 Feb 17   | Delegate                   |
|    | Dr. M. S. Karandikar  | Professor        |  |   |                            |
|    | Dr. V. G. Jaltade     | Professor        |  |   |                            |
|    | Dr. P. D. Khuje       | Professor        |  |   |                            |
|    | Dr. S. S. Jadhav      | Asso. Professor  |  |   |                            |
|    | Dr. S. T. Methre      | Asso .Professor  |  |   |                            |
|    | Dr. Ramya Jayakumar   | Assit. Professor |  |   |                            |
|    | Dr. B. N. Pande       | Assit. Professor |  |   |                            |
| 7  | Dr. R. S. Sood        | Professor        | B. J. Government Medical College & Sassoon General Hospital, Pune  | 21 Feb 17 to 23 Feb 17  | Delegate & Paper presented |
|    | Dr. A. N. Patil       | Assit. Professor |  |   |                            |
| 8  | Dr. Nivedita Sirdesai | Assit.Professor  | <b>CME</b> on Laboratory Medicine in Clinical Practice-2   | IMA Pune<br>25 <sup>th</sup> March 2017   | Delegate                   |
| 9  | Dr. Neelam Prasad     | Professor        | Midterm national <b>conference</b> of GSI, Pune chapter on Current & Future Challenges of Healthy Aging                    | Geriatric Society of India, Pune Chapter at Dr. D. Y. Patil Medical College, Hospital & Research Centre,Pimpri Pune<br>15 April 17 to 16 April 17 | Delegate                   |
|    | Dr. Sheetal Salvi     | Asso. Professor  |  |   |                            |
| 10 | Dr. Nivedita Sirdesai | Assit. Professor | Certificate course in Evidence Based Diabetes Management   | Public Health foundation of India, New Delhi and Dr. Mohan's Diabetes Education Academy, Chennai<br>01 May2017 to 30 April 2018                   | Delegate                   |
| 11 | Dr. Ramya Jayakumar   | Assit.Professor  | Basic course on statistical packages   | Dept. of Community medicine & MET unit  | Delegate                   |

|    |                   |                 |  |  |          |
|----|-------------------|-----------------|--|--|----------|
|    | Dr. Ashwini Patil | Assit.Professor | for health research  | Dr. D. Y. Patil Medical College, Hospital & Research Centre<br>4 <sup>th</sup> to 5 <sup>th</sup> May 2017 |          |
| 12 | Dr.Seema Methre   | Asso. Professor | Confluence 2017,Seth GS Medical College &KEM Hospital  | Seth GS Medical College & KEM Hospital Mumbai<br>28 July 2017  | Delegate |
| 13 | Dr. V. G. Jaltade | Professor       | RESPIRARE 2017<br>All India Medical Students Conference  | B. J. Government Medical College & Sassoon General Hospital, Pune<br>3 Aug to 5 Aug 2017                   | Delegate |
| 14 | Dr.N.G.Borade     | Professor& HOD  | Mediac 2017,<br>Smt.Kashibai Navale Med.Coll.&Gen.Hosp<br>.  | Smt.Kashibai Navale Med.Coll.&Gen.Hosp<br>10-12 Aug. 2017  | Delegate |
|    | Dr.V.Hegade       | PG Student      |  |  |          |
| 15 | Dr. R. S. Sood    | Professor       | <b>CME</b> on Pediatric Dermatology, Fluid Therapy & Vector Borne Disease                                      | Indian Medical Association, Pune<br>27 Aug. 2017   | Delegate |
| 16 | Dr. R. S.Sood     | Professor       | <b>ATPCON2017</b> ,National conference on Physiology of Ageing   | SVS Medical College, Yenugonda,Mahabubnagar,Telangana,<br>30 Aug.2017                                      | Delegate |
| 17 | Dr. R. S. Sood    | Professor       | <b>Workshop</b> on “Field & Laboratory techniques for exercise and sports Physiology”                          | APPICON 2017<br>JIPMER, Puducherry<br>10 Oct. 2017   | Delegate |
| 18 | Dr. R. S. Sood    | Professor       | <b>Workshop</b> on “Transcranial Magnetic Stimulation : A noninvasive technique For neural repair & plasticity | APPICON 2017<br>JIPMER, Puducherry<br>10 Oct. 2017   | Delegate |
| 19 | Dr. R.S.Sood      | Professor       | <b>CME</b> on clinical & Research Opportunities for young budding Physiologists                                | JIPMER, Pondicherry<br>11 <sup>th</sup> Oct. 2017  | Delegate |

|                  |                        |                  |   |   |                             |
|------------------|------------------------|------------------|---|---|-----------------------------|
| 20               | Dr.R.S.Sood            | Professor        | <b>63<sup>rd</sup> Annual Conference</b> of Association of Physiologist & Pharmacologist of India Appicon 2017  | Jawaharlal Institute of Postgraduate Medical Education & research, Puducherry<br>12 to 14 Oct. 2017                               | Delegate<br>Paper presented |
|                  | Dr.Seema Methre        | Asso. Professor  |   |   |                             |
|                  | Dr.Ramya Jayakumar     | Assit. Professor |   |   |                             |
| 21               | Dr. Seema Methre       | Asso. Professor  | <b>CME</b> on Intravenous fluids and electrolytes   | Aditya Birla Memorial Hospital Pune & Indian Society of Anaesthesiologists<br>12 <sup>th</sup> Nov 2017                           | Delegate                    |
|                  | Dr. Nivedita Sirdesai  | Assit.Professor  |   |   |                             |
| 22               | Dr. R. S. Sood         | Professor        | <b>Workshop I:</b> Haematology<br><b>Workshop II:</b> Demistify AUB /DUB  | IMA Pune<br>26 <sup>th</sup> Nov. 2017  | Delegate                    |
| 23               | Dr. R. S. Sood         | Professor        | <b>MULTICON 2017</b>  | IMA Pune<br>02 <sup>nd</sup> Dec. 2017 to 03 <sup>rd</sup> Dec. 2017  | Delegate<br>Paper presented |
| 24               | Dr. Sheetal Salvi      | Asso. Professor  | <b>CME</b> Miscellany 2017  | IMA Pune & Dr. D. Y. Patil Medical College, Hospital & Research Centre, Pimpri Pune-<br>3 <sup>rd</sup> Dec 2017                  | Delegate                    |
| <b>Year 2018</b> |                        |                  |   |   |                             |
| 1                | Dr. Seema Methre       | Asso. Professor  | <b>CME</b> Aditya Birla Annual Cardiology Simmit 2018   | Aditya Birla Memorial Hospital, Pune<br>21 <sup>st</sup> Jan.2018   | Delegate                    |
| 2                | Dr. R. S. Sood         | Professor        | <b>CME</b> on Skin Allergy and Anaphylaxis  | IMA Pune<br>02 Feb 2018   | Delegate                    |
| 3                | Dr. R. S. Sood         | Professor        | 78 <sup>th</sup> National course on Educational Science for teachers of Health Professionals  | Jawaharlal Institute of Postgraduate Medical Education and Research Puducherry<br>19 Feb to 24 Feb 2018                           | Delegate                    |
| 4                | Dr. (Mrs.) N.G. Borade | Professor & HOD  | 44 <sup>th</sup> Annual research society <b>conference</b> organized by Department of radio diagnosis. B.J. Medical College & Sassoon General Hospital, Pune. | Research Society of B J Govt. Medical College & Sassoon General Hospitals, Pune.<br>21 <sup>st</sup> to 23 <sup>rd</sup> Feb 2018 | Delegate & Paper presented  |
|                  | Dr. V. G. Jaltade      | Professor        |   |   |                             |
|                  | Dr.P. D. Khuje         | Professor        |   |   |                             |
|                  | Dr.Sugata Jadhav       | Asso. Professor  |   |   |                             |
|                  | Dr.Sheetal Salvi       | Asso. Professor  |   |   |                             |

|    |  |                               |  |   |                                      |
|----|--|-------------------------------|--|---|--------------------------------------|
| 5  | Dr. R.S. Sood                          | Professor                     | National <b>conference</b> on “Role of yoga in stress management”  | Dr. D. Y. Patil Medical college , Kolhapur 22 <sup>nd</sup> & 23 <sup>rd</sup> March 2018   | Delegate/<br>oral paper presentation |
| 6  | Dr. Nivedita Sirdesai                  | Assit. Professor              | Introduction to and internal auditing as per ISO 19011-2011 for quality management system (QMS)  | VP productivity & quality services 25 <sup>th</sup> April 2018  | Delegate                             |
| 7  | Dr. R. S. Sood                         | Professor                     | Live course on Advanced Teaching Skills  | Harvard Medical School, Boston, Massachusetts, USA. 08 June 2018 to 09 Jun 2018   | Delegate                             |
| 8  | Dr. Ashwini Namdeorao Patil            | Assit. Professor              | <b>CME</b> on Good clinical practice current regulatory and ethical requirements for conducting clinical trials/research in India including Schedule         | India Institute of medical sciences(AIIMS), Jodhpur 4 <sup>th</sup> & 5 <sup>th</sup> Aug.2018  | Delegate                             |
| 9  | Dr. R. S. Sood                         | Professor                     | <b>CME:</b> Multiple Myeloma   | IMA, Pune 2 <sup>nd</sup> Sept. 18  | Delegate                             |
| 10 | Dr. R. S. Sood                         | Professor                     | <b>CME:</b> Obstetrics and Gynecology Pot pourri   | IMA, Pune 30 <sup>th</sup> Sept. 18   | Delegate                             |
| 11 | Dr. R. S. Sood                         | Professor                     | International education training ‘Physiology Education <b>Workshop</b> 2018’ organized by ICMR &   | International Union of Physiological Sciences (IUPS), at AIIMS Jodhpur 03 <sup>rd</sup> Nov 2018 to 05 <sup>th</sup> Nov 2018   | Delegate                             |
| 12 | Dr. R. S. Sood                         | Professor                     | Physiology and Pharmacological perspective on integrated approach to lifestyle disorders and webinar session on Newer teaching strategies & research studies | Departments of Physiology & Pharmacology, Melaka Manipal Medical College and Kasturba Medical College-Manipal, Manipal Academy of Higher Education, Karnataka 27 <sup>th</sup> Nov 2018 | Delegate                             |
| 13 | Dr. R. S. Sood<br>Dr.(Mrs.)R Jayakumar | Professor<br>Assit. Professor | <b>Workshop</b> on “EEG and ERP-recording and analysis   | Departments of Physiology &   | Delegate                             |



|                  |                            |                  |   |   |          |
|------------------|----------------------------|------------------|---|---|----------|
|                  | Dr. A.N Patil              | Assit. Professor |   | Pharmacology, Melaka Manipal Medical College and Kasturba Medical College-Manipal, Manipal<br>28 Nov 2018   |          |
| 14               | Dr. RS Sood,               | Professor        | '64 <sup>th</sup> Annual National <b>Conference</b> of Association of Physiologists & Pharmacologists of India' (APPICON 2018), | Departments of Physiology & Pharmacology, Melaka Manipal Medical College and Kasturba Medical College-Manipal, Manipal Academy of Higher Education, Karnataka<br>29 Nov 2018 to 01 Dec 2018 |          |
|                  | Dr. S. S. Jadhav           | Asso. Professor  |   |   |          |
|                  | Dr. S.T. Methre            | Asso. Professor  |   |   |          |
|                  | Dr. R Jayakumar,           | Assit. Professor |   |   |          |
|                  | Dr. AN Patil               | Assit. Professor |   |   |          |
| 15               | Dr. R. S. Sood             | Professor        | <b>Workshop I:</b> Diabetic Foot<br><b>workshop II:</b> CKD in primary care   | MULTICON 2018<br>IMA, Pune<br>2 Dec 2018  | Delegate |
|                  | Dr.Nivedita Sirdesai       | Assit. Professor |   |   |          |
|                  | Dr. Subi Raju              | Demonstrator     |   |   |          |
| 16               | Dr.Ashwini Namdeorao Patil | Assit. Professor | <b>Workshop on</b> "Techniques in Physiology Sciences"  | India Institute of medical sciences(AIIMS), Jodhpur 5 <sup>th</sup> -7 <sup>th</sup> Dec 2018   | Delegate |
| 17               | Dr. R. S. Sood             | Professor        | <b>CME on</b> Multispecialty  | Indian Medical Association Pune<br>08 Dec 2018 to 9 Dec 2018  | Delegate |
| 18               | Dr. Sheetal Salvi          | Asso.Professor   | <b>CME Pediatric</b> Superspeciality  | D.Y.Patil Medical College 9 <sup>th</sup> Dec 2018  | Delegate |
| 19               | Dr. P. D. Khuje            | Professor        | Annual conference of respiratory, critical care & sleep medicine  | Dept. of Rspiratory Medicine, Dr. D. Y. Patil Medical College, Hospital & Research Centre<br>22 <sup>nd</sup> -23 <sup>rd</sup> Dec 2018  | Delegate |
| <b>Year 2019</b> |                            |                  |   |   |          |
| 1                | Dr. R.S. Sood              | Professor        | Laboratory Diagnosis and Management of Mycobacterial Diseases   | Indian Medical Association, Pune<br>13 Jan 2019   | Delegate |
| 2                | Dr. R.S. Sood              | Professor        | Skill development   | University centre for   | Delegate |

|   |                       |                  |  |  |                             |
|---|-----------------------|------------------|--|--|-----------------------------|
|   | Dr. A.N. Patil        | Assit. Professor | <b>workshop</b> on theory and practice of problem based learning   | professional educational faculty development<br>,Dr. D.Y. Patil<br>Vidyapeeth, Pune<br>25 Jan 2019 - 26 Jan 2019   |                             |
| 3 | Dr. V. G. Jaltade     | Professor & HOD  | 45 <sup>th</sup> Annual research society <b>conference</b> of the Research Society of B J Govt. Medical College & Sassoon General Hospitals, Pune. | Department of radio diagnosis. B.J. Medical College & Sassoon General Hospital, Pune. 20 <sup>th</sup> to 22 <sup>nd</sup> February 2019'                      | Delegate                    |
|   | Dr. R. S. Sood        | Professor        |  |  |                             |
|   | Dr. Sugata Jadhav     | Asso. Professor  |  |  |                             |
|   | Dr. Sheetal Salvi     | Asso. Professor  |  |  |                             |
|   | Dr. Bageshree Pande   | Assit. Professor |  |  |                             |
| 4 | Dr. R. S. Sood        | Professor        | National <b>Symposium</b> in Modern Biology & Biotechnology 2019 (RAMBB 2019)  | Dr. D. Y. Patil<br>Biotechnology and Bioinformatics Institute,<br>Dr. D. Y. Patil<br>Vidyapeeth, Pune.<br>12 <sup>th</sup> March 2019 to 16 March 2019         | Delegate<br>Paper presented |
| 5 | Dr. V.G.Jaltade       | Professor        | <b>Workshop</b> on Curriculum Implementation Support Program   | University centre for professional educational faculty development<br>,Dr. D.Y. Patil<br>Vidyapeeth, Pune<br>22 April to 24 April 2019                         | Delegate                    |
|   | Dr. M. S. Karandikar  | Professor        |  |  |                             |
|   | Dr. Neelam Prasad     | Professor        |  |  |                             |
|   | Dr. Nivedita Sirdesai | Assit. Professor |  |  |                             |
| 6 | Dr. R.S. Sood         | Professor        | <b>Workshop</b> on Stress Management & Office Etiquettes   | University centre for professional educational faculty development<br>,Dr. D.Y. Patil<br>Vidyapeeth, Pune<br>27 April 2019                                     | Delegate                    |
| 7 | Dr. Nivedita Sirdesai | Assit. Professor | <b>Workshop</b> on Basic life support & Advanced cardiac life support  | Symbiosis Institute of Health Sciences<br>Dr. D. Y. Patil Medical college, Hospital & Research Center, Pune<br>7 <sup>th</sup> May to 9 <sup>th</sup> May 2019 | Delegate                    |
| 8 | Dr. R.S. Sood         | Professor        | National <b>Conference</b> and Hands on <b>Workshop</b> on Non-  | Association of Physiologists & Pharmacologists of  | Delegate                    |

|    |                 |                  |  |   |                            |
|----|-----------------|------------------|--|---|----------------------------|
|    |                 |                  | Invasive Assessment of Neural & Vascular Functions in Diabetes   | India, Nashik Chapter, in association with MVPS Dr.Vasantrao Pawar Medical College, Hospital & Research Centre, Nashik<br>16 <sup>th</sup> May 2019   |                            |
| 9  | Dr. R. S. Sood  | Professor        | <b>National Conference and Hands on Workshop on Non-Invasive Assessment of Neural &amp; Vascular Functions in Diabetes</b> | Association of Physiologists & Pharmacologists of India, Nashik Chapter, in association with MVPS Dr.Vasantrao Pawar Medical College, Hospital & Research Centre, Nashik<br>17 <sup>th</sup> May 2019 | Delegate & Paper presented |
| 10 | Dr. A. N.Patil  | Assit. Professor | All India woman doctors conference - National Evecon - 2019 And Wimals   | IMA national woman doctors wing & IMA Goa state woman doctors wing<br>22 <sup>nd</sup> & 23 <sup>rd</sup> June 2019   | Delegate                   |
| 11 | Dr. A. N.Patil  | Assit. Professor | Digital blended learning in medical physiology   | All India institute of Medical sciences, Nagpur<br>29 <sup>th</sup> June 2019   | Delegate                   |
|    | Dr. B. N. Pande | Assit. Professor |  |   |                            |

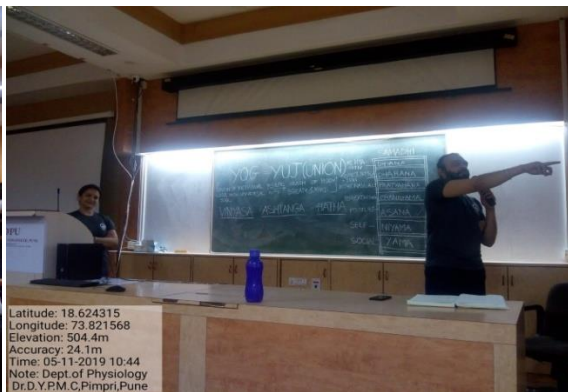
### 13. Best Practices

- ❖ MOOC (Massive open online courses- SWAYAM) was launched on 26/07/2017 with the e-content of platforms 'Critical thinking' and 'Bridging the dementia divide'
- ❖ Yoga training sessions are conducted under the guidance of yoga experts from Shriyog Institute of Iyengar Yoga Pune to promote physical & mental well being of students.





Time: 05-11-2019 11:10  
Note: Dept. of Physiology  
Dr.D.Y.P.M.C,Pimpri,Pune



Latitude: 18.624315  
Longitude: 73.821568  
Elevation: 504.4m  
Accuracy: 24.1m  
Time: 05-11-2019 10:44  
Note: Dept. of Physiology  
Dr.D.Y.P.M.C,Pimpri,Pune

- ❖ Guest Lectures: Every year guest lectures are conducted by eminent speakers on yoga, fitness & health management.
- ❖ **Best publication: 01**  
Multigenerational undernutrition increases susceptibility to obesity and diabetes that is not reversed after dietary recuperation Journal: Cell metabolism (Impact Factor: 20.565) Vol. 22, Dr. M. S. Karandikar
- ❖ **Best presentation: 01**  
One of our PG student Dr. Gurunath Birajdar has received best paper award at 42<sup>nd</sup> Annual Conference, the research society of B. J. Govt. Medical College and Sassoon General Hospital, Pune on 24<sup>th</sup> Feb to 26<sup>th</sup> Feb 2016 (Title: Effect of smoking on pulmonary function tests)
- ❖ **Best funded research project ( by University of Sydney Australia)**  
Efficacy in treating iron deficiency anemia of pregnancy with lactoferrin.  
(Principle Investigator – Dr. M. S. Karandikar)
- ❖ **Best workshop attended by faculty**  
Live course titled “Advanced Teaching Skill” Harvard Medical School. Boston attended by Dr. R. S. Sood in 8<sup>th</sup> & 9<sup>th</sup> June 2018.