

# 1 List of publications (2014-21) – Department of Physiology,SRMC & RI,SRIHER (DU)

| S. No. | Title  | year | National/<br>International | Indexing           | Impact<br>factor |
|--------|--|------|----------------------------|--------------------|------------------|
| 1.     | Benjamin JJ, Koshy T, KN M. Cortisol and polycystic ovarian syndrome—a systematic search and meta-analysis of case–control studies. <i>Gynecological Endocrinology</i> . 2021 Mar 2:1-7.   | 2021 | International              | Scopus, Pubmed     | 1.571            |
| 2.     | Sugunakar MB, Maruthy KN, Srinivas CH, Johnson P. A comparative study between single lead AD8232 heart rate monitor and standard electrocardiograph to acquire electrocardiographic data for cardiac autonomic function testing. <i>Indian Journal of Science and Technology</i> . 2021 Feb 22;14(6):534-40.                   | 2021 | National                   | Scopus             | 0.6              |
| 3.     | Lalitha S, Anusha D, Murkunde Y, Devanand V, Maheshkumar K. Anti-Cancer Activity of Cayratia Auriculata Ethanolic Extracts Against Cancer Cell Line A549 An In Vitro Analysis. <i>Pharmacognosy Journal</i> . 2021;13(2).  | 2021 | International              | Scopus             | 0.82             |
| 4.     | Kumar AS, Padmavathi R, Mahadevan S, Maruthy KN, Maheshkumar K. An impaired pupillary light reflex indices in Orbital Apex Syndrome—A rare case report. <i>Journal Français d'Ophtalmologie</i> . 2021 Feb 5.  | 2021 | International              | Embase, and Pubmed | 0.636            |
| 5.     | Sugumar R, Kumar AP, Maheshkumar K, Padmavathi R, Ramachandran P, Ravichandran L, Anandan S, Vijayaraghavan PV. Development and validation of a structured feedback questionnaire from postgraduates on various elements of postgraduate medical curriculum. <i>medical journal armed forces india</i> . 2021 Feb 1;77:S57-64. | 2020 | National                   | Pubmed & Scopus    | 0.43             |
| 6.     | Benjamin J J, Geetha M B, Study of association of bleeding and clotting time with blood group among young adults. <i>Indian J Clin Anat Physiol</i> 2020;7(4):350-353  | 2020 | National                   | Index Copernicus   | NA               |
| 7.     | Suganya K, Kayalvizhi E, Yuvaraj R, Chandrasekar M, Kavitha U, Suresh KK. Effect of Withania Somnifera on the antioxidant and neurotransmitter   | 2020 | International              | Pubmed             | NA               |

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|     |   |      |               |                          |      |
|-----|---|------|---------------|--------------------------|------|
|     | status in sleep deprivation induced Wistar rats. Bioinformation. 2020;16(8):631.  |      |               |                          |      |
| 8.  | Kumar AP, Omprakash A, Kuppusamy M, Maruthy KN, Sathiyasekaran BW, Vijayaraghavan PV, Ramaswamy P. How does cognitive function measured by the reaction time and critical flicker fusion frequency correlate with the academic performance of students?. BMC medical education. 2020 Dec;20(1):1-2. | 2020 | International | Pubmed, MEDLINE          | 1.5  |
| 9.  | Shakthiya T, Padmavathi R, Sathianathan R, Kumar KM & Silambanan S. (2020) Role of Biomarkers in the Evaluation of Pharmacotherapy and Complementary and Alternative Medicine in Patients with Major Depressive Disorders. Adv Nanomed Nanotechnol Res, 2(3): 189-197.                              | 2020 | International | Pubmed                   | NA   |
| 10. | MaheshKumar K, Maruthy KN, Padmavathi R. Comparison of photo pulse plethysmography module with Mobil-O-graph for measurement of pulse wave velocity. Clinical Epidemiology and Global Health. 2021 Jan 1;9:216-20.  | 2021 | International | Scopus, Index copernicus | NA   |
| 11. | Dr. Sheela Ravinder, Dr.Padmavathi R. Vitamin D and Physical activity. Polish journal of Physiotherapy  | 2020 | International | Scopus, Index copernicus | 0.2  |
| 12. | Venugopal V, Padmavathi R, Venkateswaran ST, Gunasekaran D, Maheshkumar K. Protecting the elders from COVID-19 impact-leveraging yoga. Journal of Family Medicine and Primary Care. 2020 Aug 1;9(8):4487.   | 2020 | International | Pubmed central           | 0.21 |
| 13. | Venugopal V, Latha PK, Shanmugam R, Krishnamoorthy M, Johnson P. Occupational heat stress induced health impacts: A cross-sectional study from South Indian working population. Advances in Climate Change Research. 2020 Jun 12.   | 2020 | International | Scopus                   | 3.9  |
| 14. | Maheshkumar K, Sivakumar AV, Maruthy KN, Padmavathi R. Hot arm and foot bath on heart rate variability and blood pressure in healthy volunteers–needs to be verified with standard device?. Journal of Complementary and Integrative Medicine. 2020 Sep 9;1(ahead-of-print).                        | 2020 | International | EMBASE,Scopus,Pubmed     | 0.67 |

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|     |  |      |               |                                 |       |
|-----|--|------|---------------|---------------------------------|-------|
| 15. | EVenugopal V, Latha PK, Shanmugam R, Krishnamoorthy M, Omprashanth R, Lennqvist R, Johnson P. Epidemiological evidence from south Indian working population—the heat exposures and health linkage. <i>Journal of Exposure Science &amp; Environmental Epidemiology</i> . 2020 Sep 5:1-0                        | 2020 | International | EMBASE/Excerpta Medica,Scopus   | 3.531 |
| 16. | Dilara Kamaldeen, <u>Padmavathi Ramaswamy</u> . Assessment of pulmonary functions among traffic police personnel in Chennai city - A comparative cross-sectional study. <i>Journal of Family Medicine and Primary Care</i> . <i>Journal of Family Medicine and Primary Care</i>                                | 2020 | International | Pubmed                          | 0.29  |
| 17. | Kuppusamy M, Kamaldeen D, Pitani R, Amaldas J, <u>Ramasamy P</u> , Shanmugam P, Thirupathy VS. Effect of Bhramari pranayama practice on simple reaction time in healthy adolescents—a randomized control trial. <i>International Journal of Adolescent Medicine and Health</i> . 2020 Jun 6;1(ahead-of-print). | 2020 | International | Pubmed & scopus indexed         | 1.69  |
| 18. | Arvind S, Maheshkumar K, Vaishali S, Lavanya S, <u>Padmavathi R</u> . Development and Validation of an Integrated Portable Heart Rate Variability (HRV) Analysis System—STREME. <i>Medical Hypotheses</i> . 2020 May 30:109887.  | 2020 | International | MEDLINE, Science citation index | 1.32  |
| 19. | Kareem Shaik , <u>Dilara Kamaldeen</u> , K.N.Maruthy, PriscillaJohnson A.V. Siva Kumar. A newer approach for quantitative assessment of patellar tendon reflex response using biomechanical data of foot movement by a digital method. <i>Sports Orthopaedics and Traumatology</i>                             | 2020 | International | Embase & scopus                 | 0.24  |
| 20. | Lalitha S, <u>Maheshkumar K</u> , Shobana R, Deepika C. Immediate effect of Kapalbhathi pranayama on short term heart rate variability (HRV) in healthy volunteers. <i>Journal of Complementary and Integrative Medicine</i> . 2020 May 19;1(ahead-of-print).  | 2020 |               | Pubmed & scopus                 | 0.6   |
| 21. | Sivaswamy S, Sambandan S, <u>Ramasamy P</u> , Surianarayanan M. Prevalence and risk factors associated with wheezing among children and adolescents from Chennai, South India. <i>Indian Journal of Science and Technology</i> . 2020 Aug 5;13(12):1342-6.   | 2020 | International | web of science & Scopus         | 0.6   |

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|-----|--|------|---------------|----------------|------|
| 22. | Niva WJ, Sekar L, Manikandan A, Kumar M, Ganesan T, Shriram V, <u>Silambanan S</u> , Padmavathi R. Mahamantra chanting as an effective intervention for stress reduction among nursing professionals—A Randomized controlled study. <i>Advances in Integrative Medicine</i> . 2020 Jun 11. | 2020 | International | Scopus         | 0.31 |
| 23. | Sivaswamy S, Sambandan S, Puttusamy N, <u>Ramasamy P</u> , Surianarayanan M, Saidam SR. Urinary 1-Hydroxypyrene levels among children with asthma in Chennai, South India. <i>Indian Journal of Science and Technology</i> . 2020 Aug 5;13(12):1316-20.                                    | 2020 | National      | web of science | 0.6  |
| 24. | Benjamin JJ, <u>Padmavathi R</u> . Meta-analysis of association between il-6-174 g/c polymorphism and female infertility related disorders. <i>Journal of Reproductive Immunology</i> . 2020 Apr 25:103134.  | 2020 | International | Pubmed-Scopus  | 4.01 |
| 25. | <u>Padmavathi R</u> , Dilara K, MaheshKumar K, Anandan S, Vijayaraghavan PV. RAPTS—An empowerment to the medical postgraduates. <i>Clinical Epidemiology and Global Health</i> . 2020 Feb 11.  | 2020 | National      | Pubmed-Scopus  | 0.7  |
| 26. | MaheshKumar K, Mahadevan S, Ramaswamy P. 4th A in a triple A syndrome—A rare case report. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> . 2020 Jun 24;1(ahead-of-print).  | 2020 | National      | Pubmed,Scopus  | 1.2  |
| 27. | Maruthy KN, <u>Padmavathi R</u> , Sowjanya B, MaheshKumar K. Quantitative determination of pupil by dynamic pupillometry using infrared videography—Role in evaluation of autonomic activity. <i>Clinical Epidemiology and Global Health</i> . 2020 Jan 25.                                | 2020 | National      | Pubmed- Scopus | 0.7  |
| 28. | <u>Kuppusamy M</u> , Kamaldeen D, Pitani R, Amaldas J, Ramasamy P, Shanmugam P, Vijayakumar V. Effects of yoga breathing practice on heart rate variability in healthy adolescents: a randomized controlled trial. <i>Integrative Medicine Research</i> . 2020 Mar 1;9(1):28-32.           | 2020 | International | Pubmed         | 2.1  |
| 29. | <u>Singh YD</u> , Govindarajan R, Bagavad Geetha M. Prevalence of Hepatitis-B among voluntary blood donors at a Medical College Hospital blood bank in Chennai.  | 2020 | National      | Non Indexed    | NA   |

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|-----|--|------|---------------|----------------|------|
| 30. | <u>Dilara K</u> ;Physiology of Brain Mapping;National Journal of Physiology,2019;7(2):57-61.   | 2019 | National      | Non Indexed    | NA   |
| 31. | <u>Priscilla Johnson</u> , Sheela Ravinder.S, Late Geetha Rani. Evaluation of phagocytic function of peripheral neutrophils in bronchial asthma. JAPT.2019;3:102-107   | 2019 | National      | Non Indexed    | NA   |
| 32. | <u>Priscilla Johnson</u> ,Johnson WMS,Meenakumari;Digital Detox;National Journal of Physiology,2019;7(2):51-56.  | 2019 | National      | Non Indexed    | NA   |
| 33. | Chandrasekaran D, Raja G, Sundaram S, <u>Padmavathi R</u> , Kathiresan N. Carbonic Anhydrase IX Expression in Renal Cell Carcinoma: An Immunohistochemical Study. Indian Journal of Public Health Research & Development. 2019 Nov 1;10(11).   | 2019 | National      | Scopus         | 0.12 |
| 34. | <u>Vidhya Venugopal</u> , Rekha Shanmugam, Priscilla Johnson, Rebekah Ann Isabel Lucas and Kristina Jakobsson, Heat stress and inadequate toilet access at work places in India – a potential hazard to working women in a changing climate, <i>Climanosco Research Articles 2</i> , 1 Oct 2019, <a href="https://doi.org/10.37207/CRA.2.4">https://doi.org/10.37207/CRA.2.4</a> | 2019 | International | Non Indexed    | NA   |
| 35. | OMPRAKASH A, KUMAR AP, <u>RAMASWAMY P</u> , SATHIYASEKARAN B, RAVINDER T. Assessment of Knowledge, Attitude, Perceived Barriers towards Research among First Year Undergraduate Medical Students: A Study from Chennai, Tamil Nadu, India. Journal of Clinical & Diagnostic Research. 2019 Nov 1;13(11).   | 2019 | National      | Web of science | 0.41 |
| 36. | Iyer S, <u>Omprakash A</u> . Assessment of cardiac risk in chronic asymptomatic alcoholics using blood pressure and electrocardiogram, and the relation with duration of drinking. Journal of Basic and Clinical Physiology and Pharmacology. 2019 Nov 14;31(1).   | 2019 | International | Pubmed,Scopus  | 1.2  |

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|-----|---|------|---------------|---|-------|
| 37. | RAMASWAMY P, RAMASWAMY V. Ethics and Attitude-From Seed to Sapling: Perspective from India. Journal of Clinical & Diagnostic Research. 2019 Aug 1;13(8).  | 2019 | National      | Web of science                                    | 0.41  |
| 38. | Deepika Chandrasekaran, Sandhya Sundaram, Kadhiresan.N, Padmavathi.R. Programmed Death Ligand 1; An Immunotarget for Renal Cell Carcinoma. Asian Pacific Journal of Cancer Prevention.2019;20(10), 2951-2957  | 2019 | International | Scopus  | 1.23  |
| 39. | R. Rama Devi, K. N. Maruthy, Padmavathi. R, A. V. Siva Kumar, SK Kareem.Evaluation of Static Pupil Size Using Digital Web Camera through Image Analysis.International Journal of Physiology.2019;7:3;7-11   | 2019 | International | Index copernicus                                  | NA    |
| 40. | Srihari R, Dilara K, Latha R, Manikandan S.Assessment of Sleep Hygiene among school going adolescents in chennai.Indian Journal of Public Health research & Development.2019;10(8);301-305  | 2019 | International | Scopus  | 0.02  |
| 41. | Srihari R, Dilara K, Latha R, Manikandan S.Effect of mental stress on sleep hygiene among school going adolescents in Chennai.Journal of Family medicine and Primary care.2019;8(9);2917-2920   | 2019 | International | Pubmed  | 0.21  |
| 42. | Sathya GR, Johnson P, Das S, Rajagopalan B, Rekha D. Periostin—Its role in asthma and inflammation: A review. Drug Invention Today. 2019 Sep 15;11(9).  | 2019 | International | NCBI NLM Catalogue, SCOPUS, EMBASE (Elsevier) etc | 0.895 |
| 43. | Lakshmi J, Mukhopadhyay K, Ramaswamy P, Mahadevan S. A Systematic Review on Organophosphate Pesticide and Type II Diabetes Mellitus. Current diabetes reviews. 2019 Jul 12.   | 2019 | International | Pubmed  | 1.62  |
| 44. | Divya Krishnan , Abirami Omprakash , Padmavathi Ramaswamy, Thangavel G , Sankar S , Kalpana Balakrishnan.Prevalence of acute respiratory infection in children less than 2 years in rural and urban population in and around Chennai, Tamil Nadu. Natl J Physiol Pharm Pharmacology.2019;9(8);804-808 | 2019 | National      | Embase, index copernicus                          | NA    |

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|-----|---|------|---------------|---|------|
| 45. | D Rekha, <u>Johnson Priscilla</u> , Subhasis Das, B Rajagopalan, GR Sathy. Serum Urokinase Plasminogen Activator as a Novel Biological Marker for COPD- A Review. Journal of Clinical & Diagnostic Research. 2019 Jul 1;13(7)   | 2019 | National      | Web of Sciences, Index Copernicus ,pubmed central | 0.41 |
| 46. | Kumar AP, Kumar KM, <u>Padmavathi R.</u> Validation of PC 1000 Hz Reaction Timer with Biopac® MP 36 for Recording Simple Reaction Time. Indian J Physiol Pharmacol. 2019;63(2):2.   | 2019 | National      | PubMed/Medline                                    | 0.17 |
| 47. | <u>Mertens, A.</u> , Balakrishnan, K., Ramaswamy, P., Rajkumar, P., Ramaprabha, P., Durairaj, N., Hubbard, A.E., Khush, R., Colford Jr, J.M. and Arnold, B.F., 2019. Associations between High Temperature, Heavy Rainfall, and Diarrhea among Young Children in Rural Tamil Nadu, India: A Prospective Cohort Study. Environmental health perspectives, 127(04), p.047004. | 2019 | International | Pubmed  | 8.44 |
| 48. | Omprakash A, <u>Kumar AP</u> , Sagar V, Sathiyasekaran BW, Ramaswamy P. Needs Assessment Among Students of Health Professions Education for the Introduction of E-learning in a South Indian Tertiary Care University. Indian J Physiol Pharmacol. 2019;63(1):42-8.   | 2019 | National      | PubMed/Medline                                    | 0.17 |
| 49. | SEKAR L, NIVA W, MAHESHKUMAR K, THANGAVEL G, MANIKANDAN A, SILAMBANAN S, SHRIRAAM V, <u>RAMASWAMY P.</u> Effect of Mahamantra Chanting on Autonomic and Cognitive Functions-An Interventional Study. Journal of Clinical & Diagnostic Research. 2019 May 1;13(5).   | 2019 | National      | Web of Sciences, Index Copernicus ,pubmed central | 0.41 |
| 50. | S. Jothi Lakshmi , Santu Ghosh , <u>Padmavathi Ramaswamy</u> , Shriram Mahadevan and Krishnendu Mukhopadhyaya. A Cross Section Study on Type 2 Diabetes Mellitus among organophosphate Pesticide Applicators in Selected Rural South India. Indian Journal of Science and Technology. 2019 Jun;12(20):1-5   | 2019 | National      | J-Gate Plus; Index Copernicus                     | 0.52 |
| 51. | Padmavathi R , <u>Abirami Omprakash</u> , Archana P Kumar. Video demonstration as a teaching learning method for a core clinical skill among undergraduate medical students- an interventional study. National Journal of Physiology, Pharmacy and Pharmacology (2019).   | 2019 | National      | Index Copernicus                                  | 0.74 |
| 52. | KUMAR AS, <u>PADMAVATHI R.</u> , MARUTHY K, SOWJANYA B, KUMAR K. An Innovative Technique to Evaluate Quantitative Pupillary Light Reflex by Dynamic Pupillometry using Infrared Videography. Journal of Clinical & Diagnostic Research. 2019 Apr 1;13(4).   | 2019 | National      | Web of Sciences, Index Copernicus ,pubmed central | 0.41 |

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|-----|---|------|---------------|--|-------|
| 53. | Vidyashree HM, <u>Maheshkumar K</u> , Sundareswaran L, Sakthivel G, Partheeban PK, Rajan R. Effect of yoga intervention on short-term heart rate variability in children with autism spectrum disorder. International Journal of Yoga. 2019 Jan;12(1):73.   | 2019 | National      | Baidu Scholar, CNKI (China National Knowledge Infrastructure), EBSCO Publishing's Electronic Databases, Ex Libris – Primo Central, Google Scholar, | NA    |
| 54. | <u>Balakrishnan K</u> , Ghosh S, Thangavel G, Sambandam S, Mukhopadhyay K, Puttaswamy N, Sadasivam A, Ramaswamy P, Johnson P, Kuppuswamy R, Natesan D. Exposures to fine particulate matter (PM2. 5) and birthweight in a rural-urban, mother-child cohort in Tamil Nadu, India. Environmental research. 2018 Feb 1;161:524-3 | 2018 | International | PubMed/Medline   | 4.732 |
| 55. | Omprakash A, <u>Kumar AP</u> , Padmavathi R. Perceptions of first year dental students on case based learning in Physiology.  | 2018 | National      | Index Copernicus,Google scholar  | NA    |
| 56. | <u>Patel S</u> , Leavey A, Sheshadri A, Kumar P, Kandikuppa S, Tarsi J, Mukhopadhyay K, Johnson P, Balakrishnan K, Schechtman KB, Castro M. Associations between household air pollution and reduced lung function in women and children in rural southern India. Journal of Applied Toxicology. 2018 Nov;38(11):1405-15.     | 2018 | International | Scopus   | 2.909 |
| 57. | Roy S, Murugan S, Maheshkumar K, Srihari R, Anandan S, <u>Padmavathi R</u> . Effects of Disease Duration on The Cardiovascular Autonomic Function in Patients With Psoriasis. Indian J Physiol Pharmacol. 2018;62(4):4.   | 2018 | National      | PubMed/Medline   | 0.07  |
| 58. | Kumar N, Thanalakshmi J, Kannan R, Kumar M, Allu AR, Vijayalakshmi B. The immediate effect of Sheethali and Sheethkari Pranayama on blood pressure and cardiovascular changes among hypertensive patients. International Journal of Research in Pharmaceutical Sciences. 2018 Oct 31;9(4):1249-52.                            | 2018 | International | Scopus   | 4     |
| 59. | Y.Deepa, S.Jeya Raj, S.Akshay varma, P.Venkatesh, <u>K.Maheshkumar</u> .Effects of exposure to solid magnetic field on quality of water - a scientific report.World journal of pharmacy and pharmaceutical sciences.2018 Aug;1175-80  | 2018 | National      | Non Indexed  | NA    |

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|-----|--|------|---------------|----------------------------------|------|
| 60. | Malarvizhi M, <u>Maheshkumar K</u> , Bhavani M, Hariprasad B. Effect of 6 months of yoga practice on quality of life among patients with asthma: A randomized control trial. <i>Advances in Integrative Medicine</i> . 2018 Dec 11.                                    | 2018 | International | Scopus                           | 0.31 |
| 61. | <u>Bagya DA</u> , Ganesan T, Maheshkumar K, Venkateswaran ST, Padmavathi R. Perception of stress among yoga trained individuals. <i>National Journal of Physiology, Pharmacy and Pharmacology</i> . 2018;8(1):47-50.   | 2018 | National      | Index Copernicus                 | 0.74 |
| 62. | <u>Kuppusamy M</u> , Kamaldeen D, Pitani R, Amaldas J, Shanmugam P. Effects of Bhramari Pranayama on health—a systematic review. <i>Journal of traditional and complementary medicine</i> . 2018 Jan 1;8(1):11-6.  | 2018 | International | Scopus/Pubmed/medline            | 1.75 |
| 63. | Krishnan S, Kumar AP, Maruthy KN, Jeremiah PR, Venugopal V. Physiological implications of occupational heat stress for maintenance workers in a residential complex in Chennai—an exploratory intervention trial. <i>Indian J Physiol Pharmacol</i> . 2017;61(1):23-9. | 2017 | National      | PubMed/Medline                   | 0.17 |
| 64. | <u>Mohan S</u> , Geetha BM, Padmavathi R. Study of gender variation in muscle function among young adults. <i>National Journal of Physiology, Pharmacy and Pharmacology</i> . 2017;7(8):793.   | 2017 | National      | Index Copernicus                 | 0.74 |
| 65. | <u>Maheshkumar K</u> , Loganathan S, Choudhary AK. Assessment of the cardio-autonomic status by short-term heart rate variability in young football players. <i>International Journal of Health &amp; Allied Sciences</i> . 2017 Jul 1;6(3):133.                       | 2017 | National      | Google Scholar                   | NA   |
| 66. | <u>Kuppusamy M</u> , Dilara K, Ravishankar P, Julius A. Effect of bhrāmārī Prāṇāyāma practice on pulmonary function in healthy adolescents: A randomized control study. <i>Ancient science of life</i> . 2017 Apr;36(4):196.   | 2017 | National      | Index Copernicus, Web of Science | NA   |
| 67. | <u>Dilara Kamaldeen</u> Application of learning styles <i>National Journal of Physiology</i> :2017;5;36-41   | 2017 | National      | Non Indexed                      | NA   |
| 68. | Surulichamy L, <u>Swaminathan A</u> , Sadasivam K, Ayyavoo S. Assessment of heart rate variability in participants with chronic obstructive pulmonary disease. <i>National Journal of Physiology, Pharmacy and Pharmacology</i> . 2017;7(1):85.                        | 2017 | National      | Index Copernicus                 | 0.74 |

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|     |  |      |               |   |      |
|-----|--|------|---------------|---|------|
| 69. | Thangavel G. Pranayama: transforming medical education by igniting the inner teacher. International Journal Of Community Medicine And Public Health. 2017 Feb 6;2(4):351-6.  | 2017 | International | Index Copernicus  | NA   |
| 70. | Brindha S, <u>Srihari R</u> , Prince JS, Shyamala R. Variations in Intraocular pressure (IOP) during different phases of Menstrual cycle among healthy young population.   | 2016 | National      | Index Copernicus  | NA   |
| 71. | <u>Chitra.M</u> , Mathangi D C, Priscilla Johnson. Oxidative stress during spontaneous vaginal delivery: comparison between maternal and neonatal oxidative status.International Journal of Medical Research and Review.2016 Jan;4(1):60-66. | 2016 | National      | Index Copernicus,Google Scholar                                 | NA   |
| 72. | <u>Kavitha A</u> , Govindarajan R, Parijatham B O, Bagavatgeetha M, Navaneeth A. Incidence of a rare blood group at Sree Balaji medical college and hospital blood bank. Scholars Journal of Applied Medical Sciences: 2016; 4(3):1049-51.   | 2016 | National      | Index Copernicus  | 0.67 |
| 73. | <u>Kuppusamy M</u> , Kamaldeen D, Pitani R, Amaldas J. Immediate effects of Bhramari pranayama on resting cardiovascular parameters in healthy adolescents. Journal of clinical and diagnostic research: JCDR. 2016 May;10(5):CC17.          | 2016 | National      | Web of Sciences,Index Copernicus ,pubmed central                | 0.41 |
| 74. | <u>Maheshkumar K</u> , Dilara K, Maruthy KN, Sundareswaren L. Validation of PC-based sound card with biopac for digitalization of ECG recording in short-term HRV analysis. North American journal of medical sciences. 2016 Jul;8(7):307.   | 2016 | International | Emerging Sources Citation Index, PubMed Central, Web of Science | 0.52 |
| 75. | Smisha Mohan, <u>Bagavad Geetha M</u> , Padmavathi R. Study of Muscle Function in Young Adults. Scholars Journal of Applied Medical Sciences.2016;4(7A):2348-52  | 2016 | National      | Index Copernicus  | 0.67 |
| 76. | <u>Smisha Mohan</u> , Bagavad Geetha M, Padmavathi R. Assessment of Lower Extremity Muscle Function Using Bicycle Ergometer in Young Adults. IOSR Journal of Dental and Medical Sciences.2016 Jun;15(6):16-18                                | 2016 | National      | Index Copernicus  | NA   |

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|-----|---|------|----------|--|------|
| 77. | Abirami, R. Padmavathi, R.Jayachandran, B.Rajagopalan,Venkatesh, Vijayalakshmi Thanasekaran. Assessment of pulmonary functions in obese individuals of selected South Indian population from Chennai.Scholars Journal of Applied Medical Sciences:2016;4(7D):2548-52                    | 2016 | National | Index Copernicus                                 | 0.67 |
| 78. | Deepika Chandrasekaran, Sandhya Sundaram, Kadhiresan, Padmavathi. The role of vascular endothelial growth factor in diagnosis of renal cell carcinoma. National journal Physiology,2016;4(1):22-27  | 2016 | National | Non Indexed                                      | NA   |
| 79. | Dilara.K.Systems approach to medical education.National journal of Physiology.  | 2016 | National | Non Indexed                                      | NA   |
| 80. | Maheshkumar K, Dilara K, Ravishankar P, Julius.Immediate effect of Bhramari Pranayama on Reaction time in healthy adolescents.National Journal Physiology.2016  | 2016 | National | Web of Sciences,Index Copernicus ,pubmed central | NA   |
| 81. | Shobana R, <u>Srihari R</u> , Bagavad Geetha M, Padmavathi R. Study of Pulmonary function in flutist. National journal Physiology:2016;4(1):10-14   | 2016 | National | Non Indexed                                      | NA   |
| 82. | Surulichamy L, <u>Swaminathan A</u> ,Ayyavoo S.Role of Spirometry in the Diagnosis of COPD. IOSR Journal of Dental and Medical Sciences:2016 Sep;15(9):154-6.   | 2016 | National | Index Copernicus                                 | NA   |
| 83. | Archana P Kumar, Krishnan. S, Jeremiah, Padmavathi.R, <u>Vidhya Venugopal</u> . Evaluation of Subjective Heat Strain using A Questionnaire among Transport Workers –A Pilot Study. International Journal of Pure and applied bioscience.2016;4(4):129-33                                | 2016 | National | Index Copernicus                                 | NA   |
| 84. | <u>Premkumar. S</u> , Padmavathi.R, Priscilla Johnson,Santu Ghosh, Sankar Sambandam, Kalpana Balakrishnan, Vijayalakshmi Thanasekaraan.A descriptive study of socioeconomic factors among nonsmoking rural female tuberculosis patients. Sch. J. App. Med. Sci. 2016; 4(12B):4307-4310. | 2016 | National | Index Copernicus                                 | NA   |

## List of publications (2014-21) – Department of Physiology,SRMC & RI,SRIHER (DU)

|     |   |      |               |  |      |
|-----|---|------|---------------|--|------|
| 85. | Poornima KN, Kanimozhi S, Karthick N, Saravanan A, Padmavathi R. SKELETAL MUSCLE: ONE OF THE SILENT TARGETS OF DIABETIC COMPLICATIONS. Asian journal of Pharmaceutical and clinical research. Vol 9, Issue 2, 2016  | 2016 | National      | Index Copernicus   | NA   |
| 86. | <u>Maheshkumar K</u> , Tamilmani S, Sheeladevi R. The effects of ocimum sanctum aqueous extract on intestinal motility of wistar albino rats by in vitro study. International Journal of Health & Allied Sciences. 2016 Oct 1;5(4):263.   | 2016 | National      | Google Scholar   | NA   |
| 87. | Roy B, <u>Maheshkumar K</u> , Krishna AK. Assessment of Psychological Stress among Female Police Personnel in Kerala.   | 2016 | National      | Index Copernicus   | NA   |
| 88. | Srinivasan K, Maruthy KN, <u>Venugopal V</u> , Ramaswamy P. Research in occupational heat stress in India: Challenges and opportunities. Indian journal of occupational and environmental medicine. 2016 May;20(2):73.  | 2016 | National      | SCOPUS, Web of Science, Index Copernicus, Indian Science Abstracts, IndMed, MedInd, PubMed Central, Scimago Journal Ranking, | 0.39 |
| 89. | <u>Johnson WM</u> , Archana R, Prathibha KM, Johnson P. Anatomy research under the knife of medical ethics. Journal of pharmacy & bioallied sciences. 2015 Apr;7(Suppl 1):S46.  | 2015 | National      | DOAJ, Emerging Sources Citation Index, PubMed Central, Scimago Journal Ranking, SCOPUS, Web of Science                       | 0.32 |
| 90. | <u>Sheela Ravinder S</u> , Deepika C, Padmavathi R, Kalpana Balakrishnan and Jaya Vijayaraghavan. Occurrence of Vitamin D deficiency in pregnant women in South India – A preliminary study. International Journal of Pure & Applied Bioscience. 2015;3(2):291-96                     | 2015 | National      | Index copernicus   | NA   |
| 91. | <u>Tamilselvan K</u> , Ravinder SS, Thangavel G, Subashini A, Padmavathi R. A study of variation in the levels of seminal plasma superoxide dismutase and glutathione peroxidase in normospermic and oligozoospermic men. International Journal of Biomedical Research. 2015;6:263-7. | 2015 | International | Index Copernicus   | 0.6  |

## List of publications (2014-21) – Department of Physiology,SRMC & RI,SRIHER (DU)

|     |   |      |                |   |       |
|-----|---|------|----------------|---|-------|
| 92. | <u>Archana P Kumar</u> , Julius Xavier Scott J, Rajendiran S and Vijayaraghavan P V. Perceptions of CRRIs on formal curriculum for Professionalism. International Journal of Pure & Applied Bioscience.2015;3(2):279-85   | 2015 | National       | Index Copernicus  | NA    |
| 93. | <u>Elavarasi P</u> , Semmal Syed Meerasa, S Poonguzhali. Assessment of knowledge in concepts related to cardiovascular physiology among biomedical engineering students in Chennai. International Journal of Research & Method in Education.2015;5(3):31-33.                      | 2015 | International  | Australian Research Council (ARC) Ranked Journal List, British Education Index, EBSCOhost EJS, Educational Journal, Educational Research Abstracts online (ERA), Education Resources Information Center (ERIC),Scopus | 0.46  |
| 94. | Chitra M, Mathangi D.C, Priscilla Johnson, Prema Sembulingam.Maternal Oxidative stress and anti-oxidant defence during labour.IOSR Journal of Dental and Medical sciences.IOSR Journal of Dental and Medical Sciences (IOSR-JDMS) Volume 14, Issue 4 Ver. V (Apr. 2015), PP 10-15 | 2015 | National       | Non Indexed   | NA    |
| 95. | <u>Abirami MG</u> , Sundhar S, Padmavathi R, Rajagopalan VT. Assessment of Pulmonary Functions after Six Minutes Walk Test In Obese Young Individuals.  | 2015 | National       | Index Copernicus  | NA    |
| 96. | Kanimozhi R, <u>Maheshkumar K</u> , Dilara K, Salaikarthikaiyan T, Sangeetha KS, Poonguzhali S. Evaluation of Physiochemical Properties and Acute Toxicity Studies of Miruthar Singi Parpam. Int. J. Pharm. Sci. Rev. Res. 2015;32(1):21-5.                                       | 2015 | Inter National | Index Copernicus  | 0.65  |
| 97. | Rajendiran K, <u>Kuppusamy M</u> , Kamaldeen D, Thangamani S. LONG TERM ORAL TOXICITY STUDY OF MIRUTHAR SINGI PAMPAM IN WISTER ALBINO RATS.   | 2015 | National       | Index Copernicus  | 0.652 |
| 98. | <u>Gowdhami B</u> , Abirami V, Padmavathi R, Thanasekaran V, Rajagopalan B. Effect of Sub Maximal Exercise Test on Cardiovascular Parameters in Young Obese Adults. Int. J. Pure App. Biosci. 2015;3(4):109-15.   | 2015 | National       | Citefactor  | NA    |

## List of publications (2014-21) – Department of Physiology,SRMC & RI,SRIHER (DU)

|      |  |      |               |  |      |
|------|--|------|---------------|--|------|
| 99.  | Swaminathan VR, <u>Ramamoorthy S</u> . COMPARATIVE STUDY ON LUNG VOLUMES AND CAPACITIES BETWEEN YOGIC AND NON-YOGIC POPULATION.  | 2015 | National      | Non Indexed  | NA   |
| 100. | <u>Visalam</u> , Archana P Kumar, Abirami, R.Padmavathi. Knowledge, Attitude and Practice towards E – Learning Among Medical Undergraduate Students. IOSR Journal of Applied Physics (IOSR-JAP).20154(7):01-4  | 2015 | International | Index Copernicus   | NA   |
| 101. | <u>Shanmugam L</u> , Ravinder SS, Johnson P, Padmavathi R, Rajagopalan B, Kindo AJ. Assessment of phagocytic activity of neutrophils in chronic obstructive pulmonary disease. Lung India: official organ of Indian Chest Society. 2015 Sep;32(5):437.                       | 2015 | National      | SCOPUS, Web of Science.DOAJ, EMBASE/ Excerpta Medica, Emerging Sources Citation Index, Index Medicus for South-East Asia Region, Indian Science Abstracts, IndMed, MedInd, PubMed Central, Scimago Journal Ranking | 0.71 |
| 102. | <u>K.Dilara</u> . Medical Education Principles – Is it a case of longstanding misconceptions. National journal of physiology.2015;3(1):21-25   | 2015 | National      | Non Indexed  | NA   |
| 103. | B.M.Keerthi, <u>Sheela ravinder</u> , R.Padmavathi. Assessment of bone mineral density and body mass index among adolescents. National journal of physiology. 2015;3(1):1-4  | 2015 | National      | Non Indexed  | NA   |
| 104. | Krishnan.S, Archana P Kumar, Jeremiah Chinnadurai, Padmavathi.R, <u>Vidhya Venugopal</u> . Self reported symptoms due to heat stress among housekeeping workers of a residential complex maintenance sector. Scholars Academic Journal of Biosciences.2015 Sep;3(6A):2161-64 | 2015 | National      | Google Scholar, Index Copernicus   | NA   |
| 105. | <u>Kumar SS</u> , Sheelaravinder S, Maheshkumar K, Dilara K. Cardio Dynamic Response to Cold Pressor Test in Traffic Policemen in Chennai City. IOSR Journal of Dental and Medical Sciences (IOSR-JDMS) e-ISSN: 2279-0853, p-ISSN: 2279-0861. Volume.;14:28-30.              | 2015 | National      | Index Copernicus   | NA   |

## List of publications (2014-21) – Department of Physiology,SRMC & RI,SRIHER (DU)

|      |   |      |                |  |       |
|------|---|------|----------------|--|-------|
| 106. | Balakrishnan K, Sambandam S, Padmavathi R, Santu Ghosh, Vettriselvi V, Gurusamy T, Krishnendu M, Priscilla J, Solomon Paul, Puttaswamy. N, Rupinder Dhaliwal RS, Shukla DK, SRU-CAR Team. Establishing integrated rural–urban cohorts to assess air pollution-related health effects in pregnant women, children and adults in Southern India: an overview of objectives, design and methods in the Tamil Nadu Air Pollution and Health Effects (TAPHE) study. <i>BMJ Open</i> 2015;5:e008090. doi:10.1136/bmjopen-2015-008090 (2015) | 2015 | Inter National | Web of Science Core Collection: Science Citation Index Expanded, MEDLINE (Index Medicus), PubMed Central, Scopus, Embase (Excerpta Medica), DOAJ, Google Scholar | 2.376 |
| 107. | Archana P Kumar, Julius Xavier Scott 2, Rajendiran 3, Vijayaraghavan P V. A study on need assessment for curriculum on Professionalism among undergraduate medical students. <i>IOSR Journal of Dental and Medical Sciences (IOSR-JDMS)</i> .2015 Oct;14(10):48-52  | 2015 | National       | Index Copernicus   | NA    |
| 108. | Deepika Chandrasekaran, Sheela Ravinder S, Padmavathi R, Jaya Vijayaraghavan. Effect of maternal serum calcium on fetal birth weight. <i>IOSR Journal of Nursing and Health science</i> .2015;4(5):20-23  | 2015 | International  | NASA,J-gate  | NA    |
| 109. | Arnold BF, Khush RS, Ramaswamy P, Rajkumar P, Durairaj N, Ramaprabha P, Balakrishnan K, Colford Jr JM. Reactivity in rapidly collected hygiene and toilet spot check measurements: a cautionary note for longitudinal studies. <i>The American journal of tropical medicine and hygiene</i> . 2015 Jan 7;92(1):159-62.  | 2015 | International  | Scopus, Pubmed   | 2.315 |
| 110. | Smisha Mohan, Bagavad Geetha M, Padmavathi R. Comparison of Maximum Voluntary Contraction Using Hand Grip Dynamometer in Sedentary and Physically active young adults. <i>Scholars Journal of Applied Medical Sciences</i> .2015;3(8A):2760-63  | 2015 | National       | Index Copernicus   | 0.67  |
| 111. | Archana P Kumar, Abirami V, Visalam, Padmavathi. R. Study on awareness and acceptance towards Computer Assisted Learning (CAL) among Undergraduate Medical Students <i>Scholars Academic Journal of Biosciences</i> .2015;3(11):875-77  | 2015 | National       | Google Scholar, Index Copernicus   | NA    |
| 112. | Anbuselvan V. Research Article Correlation of Plasma Fibrinogen Level among Diabetic and Non Diabetic Ischemic Stroke Patients. <i>Age (yrs)</i> .;38(5):56-13.   | 2015 | National       | Index Copernicus   | 0.67  |

## List of publications (2014-21) – Department of Physiology,SRMC & RI,SRIHER (DU)

|      |  |      |               |  |      |
|------|--|------|---------------|--|------|
| 113. | Arvindkumar, Anbuselvan,Ramprabha. Hemodialysis induced trace elements level variations among chronic renal failure patients. Scholars Journal Of Applied Medical Sciences(SJAMS).2015;3(7):2757-59                | 2015 | National      | Index Copernicus   | 0.67 |
| 114. | <u>Ganesan T.</u> Pranayama and mahamantra chanting: the true innovation in medical education.   | 2015 | International | Index Copernicus,Google Scholar,EBSCO Publishing Inc (Academic Search Complete), USA | NA   |
| 115. | Ganesan T. Clinical applications of yoga to enhance ethics in medical education.   | 2015 | International | Index Copernicus,Google Scholar,EBSCO Publishing Inc (Academic Search Complete), USA | NA   |
| 116. | <u>Ravichandran L.</u> Student perception on study guides in an integrated preclinical curriculum. sri ramachandra journal of medicine. 2014 jul 1;7(2).   | 2014 | National      | Citefactor   | NA   |
| 117. | <u>Kouser Banu K.</u> Pulmonary Functions among Beedi Rolling Workers of South India-A Cross Sectional Study. Age (yrs.);37(7.3):32-.  | 2014 | National      | Index Copernicus   | NA   |
| 118. | <u>KARTHICK N,</u> Poornima K, Dilara K, Kumar GT, Saravanan A. Dyslipidemic females have equal risk to cardiac diseases as males-a neutrophil mediated pathway. Asian J Pharm Clin Res. 2014;7(3):139-41          | 2014 | International | Google Scholar, Elsevier Products (EBSCO and EMBASE), SCImago(SJR), Index Copernicus | 0.17 |
| 119. | <u>Chandrasekaran V,</u> Dilara K, Padmavathi R. Pulmonary functions in tannery workers—a cross sectional study. Indian journal of physiology and pharmacology. 2014 Jul;58(3):206-10.                             | 2014 | National      | PubMed/Medline uptill 2016   | 0.17 |
| 120. | <u>Anuja AV,</u> Veeraiah V, Johnson P, Subashini AS. Evaluation and comparison of pulmonary function tests in petrol pump workers vs. individuals unexposed to petrol fumes. J Clin Biomed Sci. 2014;4(2):276-81. | 2014 | National      | Index Copernicus,J-gate  | NA   |
| 121. | <u>Bhuvanewari. T,</u> SheelaRavinder.S, Priscilla Johnson, SantuGhosh, KalpanaBalakrishnan, Padmavathi R, Subhashini A.S. Emergency room visits   | 2014 | National      | Index Copernicus   | 0.67 |

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|      |   |      |               |   |      |
|------|---|------|---------------|---|------|
|      | due to respiratory illness from major hospitals of Chennai: A Preliminary study. Scholars Journal of Applied Medical Sciences.2014;2(4A):1241-46  |      |               |   |      |
| 122. | <u>Dhivya K</u> , Abirami Omprakash, Chitra Shanmugam, Priscilla Johnson, Padmavathi Ramaswamy, Kalpana Balakrishnan. Nasal mucociliary clearance among urban and rural women in and around Chennai. National Journal of Physiology.2014;2(1):1-6 | 2014 | National      | Non Indexed   | NA   |
| 123. | Tamilselvan K, <u>Sheela Ravinder S</u> , Thangavel G, Subhashini AS, Padmavathi R. THE EFFECT OF SEMINAL OXIDATIVE STRESS ON MALE FERTILITY. International Journal. 2014 Dec;5(5):91   | 2014 | International | Ulrich's Periodical Directory<br>DOAJ (Directory of Open Access journals)<br>Index Copernicus Open Academic Journals Index<br>Directory of Research Journals<br>Google Scholar                                      | NA   |
| 124. | Arvind Kumar, Anbuselvan V, P. Ramaprabha. Vital signs variations in pre and post hemodialysis session among chronic renal failure patients. Scholars Journal of Applied Medical Sciences.2014; 2 (4A):182-185                                    | 2014 | National      | Index Copernicus  | 0.67 |
| 125. | <u>Baby MK</u> , Muthu PK, Johnson P, Kannan S. Effect of cigarette smoking on nasal mucociliary clearance: A comparative analysis using saccharin test. Lung India: official organ of Indian Chest Society. 2014 Jan;31(1):39.                   | 2014 | National      | SCOPUS, Web of Science, DOAJ, EMBASE/ Excerpta Medica, Emerging Sources Citation Index, Index Medicus for South-East Asia Region, Indian Science Abstracts, IndMed, MedInd, PubMed Central, Scimago Journal Ranking | 0.71 |
| 126. | <u>Anbuselvan V</u> , Padmavathi R, Velmurugendran CU, Ramnath S, Paulswamy J. Comparative Study of Lipid Profile among Stroke Patients with Gender Variations. Sch. J. App. Med. Sci. 2014;2:162-5.  | 2014 | National      | Index Copernicus  | 0.67 |

## List of publications (2014-21) – Department of Physiology,SRMC & RI,SRIHER (DU)

|      |  |      |          |                            |      |
|------|--|------|----------|----------------------------|------|
| 127. | Bagavad GM, Roopa S, Subhashini AS, Syed SK. Effect of physical training on breath holding time in Indian subjects. Indian journal of physiology and pharmacology. 2014;58(1):108.   | 2014 | National | PubMed/Medline uptill 2016 | 0.17 |
| 128. | Bhuvanewari. T, SheelaRavinder.S, Priscilla Johnson, SantuGhosh, KalpanaBalakrishnan, Padmavathi R, Subhashini A.S. Emergency room visits due to Cardiovascular illness from major hospitals of Chennai: A Preliminary study. International Journal of Pure & Applied Bioscience. 2014; 2(4): 48- 54 | 2014 | National | Index Copernicus           | 0.67 |

### Conference Proceedings

|      |  |      |               |             |    |
|------|--|------|---------------|-------------|----|
| 129. | Bagya DA, Ganesan T, Maheshkumar K, Venkateswaran ST, Padmavathi R. Perception of stress among yoga trained individuals. E Abstract book of International Neurology Conference (Neuro-2020)                    | 2020 | International | NA          | NA |
| 130. | Role of Micronutrients as an Adjunct in the Treatment of Mental Disorders. Santhi Silambanan, Padmavathi R , Sathianathan , Mahesh Kumar K. E Abstract book of International Neurology Conference (Neuro-2020) | 2020 | International | NA          | NA |
| 131. | Lavanya Sekhar,Priscilla Johnson,Sheela Ravinder,Mathangi.D.C. A Cross Sectional Study to Assess Sleep Hygiene among school going adolescents,Advancing Environmental Health in a Changing World,ISEE-2020     | 2020 | International | Non Indexed | NA |
| 132. | Dr. Priscilla Johnson. Impact of improved cook stove intervention on reduction of exposure to PM2.5 among rural women and children in Andhra Pradesh, India. Environmental Epidemiology. 43739:vol 3           | 2019 | International | Non Indexed | NA |
| 133. | Johnson P, Venugopal V, Durairaj N, Sandeep G. Occupational dust exposure and lung functions of steel industry workers in Tamilnadu–a cross sectional study. Environmental Epidemiology. 2019 Oct 1;3:186.     | 2019 | International | Non Indexed | NA |

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|      |  |      |               |             |      |
|------|--|------|---------------|-------------|------|
| 134. | Dr.Priscilla Johnson. Serum Soluble urokinase type plasminogen activator receptors as a biomarker of disease severity among stable COPD patients. Lung India. Vol 36 suppl 3;s97 | 2019 | National      | Pubmed      | 0.58 |
| 135. | Dr.Padmavathi.R,Exposure – Response relationship from Tamilnadu air pollution health effects- Respiratory health studies.  | 2019 | National      | pubmed      | 0.58 |
| 136. | Dr.Priscilla Johnson. Periostein and Interleukin 13- Does it unvail esonophilic airway inflammation. Lung India. Vol 36 suppl 3;s100   | 2019 | National      | Pubmed      | 0.58 |
| 137. | Bagavad Geetha,Study of Vascular calcification in Chronic Kidney disease patients,BIOMETCON-2019   | 2019 | International | Non Indexed | NA   |
| 138. | Bagavad Geetha,Novel Biomarkers for Vascular calcification in Chronic Kidney disease patients- A review,Respiratory Physiology and Medical education ,2019                       | 2019 | International | Non Indexed | NA   |
| 139. | Sheela Ravinder,A cross sectional study of 25-hydroxy Vit-D levels and Obesity in Adults,Respiratory Physiology and Medical education ,2019.                                     | 2019 | International | Non Indexed | NA   |
| 140. | S.Lalitha,Effect of Kabalpathi Pranayama on perceived stress in healthy volunteer,Respiratory Physiology and Medical education ,2019   | 2019 | International | Non Indexed | NA   |
| 141. | Srihari, Effect of Obesity on sleep hygiene among school going adolecents in Chennai,BIOMETCON - 2019  | 2019 | International | Non Indexed | NA   |
| 142. | Srihari, Effect of Stress on sleep hygiene among school going adolecents in Chennai,BIOMETCON - 2019   | 2019 | International | Non Indexed | NA   |

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|      |  |      |               |             |    |
|------|--|------|---------------|-------------|----|
| 143. | S.Lalitha,Acute toxicity of ethanolic extract of Cayratia Auriculata in Zebra fish,BIOMETCON-2019  | 2019 | International | Non Indexed | NA |
| 144. | S.Lalitha,In-Vitro Anti oxidant activity and HPTLC analysis of ethanolic extract of Cayratia Auriculata, Respiratory Physiology and Medical education,2019 | 2019 | International | Non Indexed | NA |
| 145. | Shobana,Effect of yoga on Cardiac autonomic function,Health &Natural products in Indian system of medicine ,2019   | 2019 | International | Non Indexed | NA |
| 146. | Shobana,Effect of yoga training on Cardiac autonomic functions among young individuals,BIOMETCON - 2019  | 2019 | International | Non Indexed | NA |
| 147. | Shobana,Exogenous stem cell- An advantage to host brain cells,BIOMETCON - 2019   | 2019 | International | Non Indexed | NA |
| 148. | Lavanya ,Effect of Mahamatra chanting on cognition among nurses.BIOMETCON-2019.  | 2019 | International | Non Indexed | NA |
| 149. | Deepika ,Programmed death ligand1; an immunotarget for renal cell carcinoma. Health &Natural products in Indian system of medicine-2019                    | 2019 | National      | Non Indexed | NA |
| 150. | Deepika,One Fatal cancer now treated as Chronic illness.LEMECON -2018  | 2019 | National      | Non Indexed | NA |
| 151. | Bagavad Geetha,Bio-markers in Neurodegenerative disease- Alzheimer's disease - A review,BIOMETCON-2019.  | 2019 | International | Non Indexed | NA |

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|      |  |      |               |             |    |
|------|--|------|---------------|-------------|----|
| 152. | Bagavad Geetha, Study of gender variation in muscle function among young adults. Health & Natural products in Indian system of medicine- 2019                                | 2019 | National      | Non Indexed | NA |
| 153. | S.Lalitha, In-Vitro Anti oxidant activity of ethanolic extract of Cayratia Auriculata on lung cancer cell lines, Health & Natural products in Indian system of medicine-2019 | 2019 | International | Non Indexed | NA |
| 154. | Vedha S, Deepika Chandrasekaran ; Research points to genetic underpinnings of olfactory neuroblastoma. Respiratory Physiology and Medical education, 2019.                   | 2019 | International | Non Indexed | NA |
| 155. | Anushri Santhosh, Bagavad Geetha M; A non-invasive method to test for allergies and post tuberculosis infection. Respiratory Physiology and Medical education, 2019.         | 2019 | International | Non Indexed | NA |
| 156. | Sindu M, Dilara K; Sudden infant syndrome – etiology & prevention. Respiratory Physiology and Medical education, 2019.   | 2019 | International | Non Indexed | NA |
| 157. | Yashwantha Elumalai , Bagavad Geetha M ; Respiratory tract infection in health care personnel. Respiratory Physiology and Medical education, 2019.                           | 2019 | International | Non Indexed | NA |
| 158. | Shreya Thakur, Deepika Chandrasekaran; A Tale Of Two Oddities: Adrenal Gland size in Obstructive sleep Apnea. Respiratory Physiology and Medical education, 2019.            | 2019 | International | Non Indexed | NA |
| 159. | Thameezh Ahmed Akeelah Banu, Shobana; Interleukin-1 in the pathogenesis and treatment of type-2 diabetes. Respiratory Physiology and Medical education, 2019.                | 2019 | International | Non Indexed | NA |
| 160. | Siddhant Raj Das, Dr. Sheela Ravinder; Cryoprobe transbronchial lung biopsy. Respiratory Physiology and Medical education, 2019.   | 2019 | International | Non Indexed | NA |

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|      |  |      |               |             |    |
|------|--|------|---------------|-------------|----|
| 161. | Sanskruiti Siras, Sheela Ravinder; Host genetics and tuberculosis: genetic susceptibility to tuberculosis. Respiratory Physiology and Medical education,2019.                                  | 2019 | International | Non Indexed | NA |
| 162. | Varshaa. B, Deepika Chandrasekaran;Six month polypill therapy improves lipid profile in patients with previous acute myocardial infraction. Respiratory Physiology and Medical education,2019. | 2019 | International | Non Indexed | NA |
| 163. | Niyathi Krishna Sudheer, K.N. Poornima;Use of active learning to teach medical concepts. Respiratory Physiology and Medical education,2019.  | 2019 | International | Non Indexed | NA |
| 164. | Smera Hari, K.N Poornima;Large Group Learning vs Small Group Learning in Medical Colleges. Respiratory Physiology and Medical education,2019.  | 2019 | International | Non Indexed | NA |
| 165. | V.Jayanth, Sheela Ravinder;New competency based curriculum – a boon to medical undergraduates. Respiratory Physiology and Medical education,2019.  | 2019 | International | Non Indexed | NA |
| 166. | N. Ashwin Kumar, Sheela Ravinder;Barriers for healthy interaction between medical students and patients. Respiratory Physiology and Medical education,2019.                                    | 2019 | International | Non Indexed | NA |
| 167. | Nimisha Singh, Bagavad Geetha M;Management of patients with Pulmonary Embolism. Respiratory Physiology and Medical education,2019.   | 2019 | International | Non Indexed | NA |
| 168. | Shivani Maggon, Sheela Ravinder;Higher peep in acute respiratory distress syndrome. Respiratory Physiology and Medical education,2019.   | 2019 | International | Non Indexed | NA |
| 169. | Jiby Jolly Benjamin, Padmavathi1, Teena Koshy;Role of IL-6 -174 G/C polymorphism in Polycystic Ovarian Syndrome– A Meta-Analysis: Respiratory Physiology and Medical education,2019.           | 2019 | International | Non Indexed | NA |

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|      |  |      |               |             |    |
|------|--|------|---------------|-------------|----|
| 170. | Poornima, Bagavad Geetha M;AETCOM module in competency based medical education. Respiratory Physiology and Medical education,2019.                                       | 2020 | International | Non Indexed | NA |
| 171. | G.Priyadarshini, Srihari R;Effect of enriched and stressful environment on behaviour in wistar rats. Respiratory Physiology and Medical education,2019.                  | 2019 | International | Non Indexed | NA |
| 172. | C.Ellakiya, Sheela Ravinder;A comparative study of vital capacity. Respiratory Physiology and Medical education,2019.  | 2019 | International | Non Indexed | NA |
| 173. | Deepika,Co-expression of Biomarkers in renal carcinoma patients- a potential target.CHETPHYSI-EXCON 2017   | 2019 | National      | Non Indexed | NA |
| 174. | Deepika, Carbonic anhydrase IX-expression in Renal cell carcinoma:an immunohistochemical study.Neurobiocon -2019   | 2018 | National      | Non Indexed | NA |
| 175. | Bagavad Geetha,Mind Body Intervention - A practical approach to the treatment of depression in Chronic Kidney Disease'.Stress, Yoga, Mind Body Medicine-2018             | 2018 | International | Non Indexed | NA |
| 176. | Srihari,Family architecture and Mental health.Stress, Yoga, Mind Body Medicine-2018  | 2018 | International | Non Indexed | NA |
| 177. | Lalitha,Effect of kapalbhati pranayama on perceived stress in healthy volunteers.Stress, Yoga, Mind Body Medicine-2018   | 2018 | International | Non Indexed | NA |
| 178. | Abirami Omprakash ,Evaluation of concept mapping as a tool for "Assessment for learning" among first year medical students."Subsuming Research in Medical Education"2018 | 2018 | International | Non Indexed | NA |

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|      |   |      |               |             |    |
|------|---|------|---------------|-------------|----|
| 179. | Roopa,Physical exercise for emotional fitness.Stress, Yoga, Mind Body Medicine -2017  | 2017 | International | Non Indexed | NA |
| 180. | Roopa,Laughter is the best medicine.Stress, Yoga, Mind Body Medicine -2017  | 2017 | International | Non Indexed | NA |
| 181. | Bagavad Geetha,Mind Body Interventions in Health care.Stress, Yoga, Mind Body Medicine -2017  | 2017 | International | Non Indexed | NA |
| 182. | Mahesh kumar, Effect of selected yoga intervention on short term HRV in children with autism spectrum disorder(ASD).Proceedings of Indian Association of Biomedcial sciences-2017 | 2017 | National      | Non Indexed | NA |
| 183. | Lalitha, Do noise stress impact to addiction.Stress, Yoga, Mind Body Medicine-2017  | 2017 | International | Non Indexed | NA |
| 184. | Lalitha,Immediate effect of kapalbhati pranayam on Auditory &visual reaction time in healthy adult. Proceedings of Indian Association of Biomedcial sciences-2017                 | 2017 | National      | Non Indexed | NA |
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| 188. | Priscilla Johnson , Sheela Ravinder , Santu Ghosh , Padmavathi Ramasamy , Kalpana Balakrishnan.Generation of exposure response relationships for short term health effects related to urban air pollution.Environmental health perspective.2016: Abstract Number:P3-269. | 2016 | International | Pubmed      | 8.44 |
| 189. | Abirami Omprakash,Effectiveness of video based education among first year medical and paramedical students-A review,International Convention on Challenges in Medical Education  | 2015 | International | Non Indexed | NA   |
| 190. | Archana,E-learning in indian Medical education-strengths,challenges and strategies",International Convention on Challenges in Medical Education  | 2015 | International | Non Indexed | NA   |
| 191. | SheelaRavinder , Deepika C, Padmavathi R, KalpanaBalakrishnan, Occurrence of vitamin D deficiency in pregnant women in south India- A Preliminary study. Abstract Publication in CITI Souvenir Conference.2014;135   | 2014 | National      | Non Indexed | NA   |
| 192. | Dr.Archana P Kumar, PadmavathiR,Sathyasekaran BWC, Vijayaragavan PV. Development of e-modules- Challenges and strategies. Abstract Publication in CITI Souvenir Conference proceedings.2014;70   | 2014 | International | Non Indexed | NA   |
| 193. | Dr.AbiramiV,Gowdhami Sam Sundar, Padmavathi R, VijayalakshmiThanasekaran<br>Effect of upper body fat on pulmonary functions in young obese adults. Abstract Publication in CITI Souvenir Conference proceedings.2014;69  | 2014 | International | Non Indexed | NA   |
| 194. | Maheshkumar K, Dilara k, Ravishankar S, Julis A.Immediate effects of Bhramari Pranayama on resting cardiovascular parameter.Abstract Publication in CITI Souvenir Conference proceedings.2014;101  | 2014 | International | Non indexed | NA   |

### Book Chapters

## List of publications (2014-21) – Department of Physiology,SRMC & RI,SRIHER (DU)

| S. No. | Name of the faculty   | Name of chapter   | Year | Name and place of publisher   |
|--------|---|---|------|---|
| 183    | Kalpana Balakrishnan, Sambandam Sankar, Santu Ghosh,Gurusamy Thangavel, Krishnendu Mukhopadhyay,Padmavathi Ramaswamy, Priscilla Johnson,Vijayalakshmi Thanasekaraan | Hand book of Environmental chemistry,Household Air Pollution Related to Solid Cookfuel Use: The Exposure and Health Situation in Developing Countries | 2014 | Book Chapter In P. Pluschke and H. Schleibinger (eds.), Springer Verlag, Berlin                             |
| 184    | Padmavathi Ramaswamy, Padma Srikanth, Vijayalakshmi Thanasekaraan.  | Textbook of Pulmonary and Critical Care Medicine - Respeiratory defences and immunology   | 2017 | Jaypee Brothers Medical Limited,ISBN: 9789385999994   |
| 185    | Dr. Priscilla Johnson Published a book titled "Proceedings of ResMEcon" with ISBN 978-93-5391-548-3   | Proceedings of ResMEcon   | 2019 | Akshara publishers , ISBN - 978-93-5391-548-3   |
| 186    | Dr. Priscilla Johnson published   | Post Graduate teaching Skills   | 2019 | Akshara publishers, ISBN - 978-93-5382-579-9  |
| 187    | Deepika Chandrasekaran, R. Padmavathi, Sandhya Sundaram and N. Kathiresan.  | "Research on Carbonic Anhydrase IX- an Immunohistochemical Marker in Renal Cell Carcinoma".   | 2020 | Current Topics in Medicine and Medical Research & ISBN-13 (15) 978-93-90431-50-2 (Print); 978-93-90431-58-8 |