



Sikkim Manipal Institute of Medical Sciences Sikkim Manipal University

Department of Medicine Publication List: Year's 2010-2020 (Permanent faculties)

Professor Dr. Parvati Nandy, HOD

Link for Scopus indexed publications: <https://www.scopus.com/authid/detail.uri?authorId=56909754600>

Link for google scholar indexed publications: <https://scholar.google.com/citations?user=ZRv0LUYAAAAJ&hl=en>

Publications with highest impact factor:

- Machine learning methods with decision forests for parkinson's detection
Pramanik, M., Pradhan, R., Nandy, P., Bhoi, A.K., Barsocchi, P.
Applied Sciences (Switzerland) , 2021, 11(2), pp. 1–25, 581
- Biomarkers for Detection of Parkinson's Disease Using Machine Learning—A Short Review
Pramanik, M., Pradhan, R., Nandy, P.
Advances in Intelligent Systems and Computing , 2021, 1248, pp. 461–475
- Sp1 Binding Site Polymorphism at COL1A1 Gene and Its Relation to Bone Mineral Density for Osteoporosis Risk Factor Among the Sikkimese Men and Women of Northeast India
Soibam, D., Singh, T.A., Nandy, P., Dewan, S.K., Baruah, A.
Indian Journal of Clinical Biochemistry , 2019, 34(2), pp. 230–233
- Myeloperoxidase-463G/A polymorphism in patients with diabetic nephropathy in Sikkim, India
Mullick, R., Sewa, S., Nandy, P., Singh, T.P., Bag, A.
Current Science , 2019, 117(11), pp. 1768a–1769a
- Sociodemographic profile and treatment outcome of tuberculosis patients registered under directly observed treatment short course in east sikkim with reference to defaulters
Lepcha, L. L.S., Jain, A.K., Nandy, P.
JMS - Journal of Medical Society, 2017, 31(3), pp. 147–151
- Assessment of metabolic syndrome in HIV-infected individuals
Theengh, D.P., Yadav, P., Jain, A.K., Nandy, P.
Indian Journal of Sexually Transmitted Diseases , 2017, 38(2), pp. 152–156
- Moyamoya disease associated with recurrent right thalamic haemorrhage and hydrocephalus: A case report
Sinha, R., Jain, A.K., Jagdhane, N., Nandy, P., Khana, S.K.
Turkish Neurosurgery , 2015, 25(5), pp. 811–813

Professor Dr. Bidita Khandelwal, Associate Dean (Research), Ex-HOD

Link for Scopus indexed publications: <https://www.scopus.com/authid/detail.uri?authorId=56721057000>

Link for google scholar indexed publications: <https://scholar.google.co.in/citations?user=jEaRUAAAAAJ&hl=en>

Publications with highest impact factor

- Oxidation products of DNA, lipid and protein among the individuals progressing towards metabolic syndrome
Bhutia, R.D., Khandelwal, B., Sherpa, M.L., Singh, T.A.
Indian Journal of Biochemistry and Biophysics, 2019, 56(2), pp. 155–161

- Comparison of the effectiveness of video-assisted teaching program and traditional demonstration on nursing students learning skills of performing obstetrical palpation
Devi, B., Khandelwal, B., Das, M.
Iranian Journal of Nursing and Midwifery Research, 2019, 24(2), pp. 118–123
- Comparative analysis of filters for cancellation of power-line-interference of ECG signal
Bhoi, A.K., Sherpa, K.S., Khandelwal, B.
International Journal Bioautomation, 2019, 23(3), pp. 259–282
- Evaluation of Energy Power Spectral Distribution of QRS Complex for Detection of Cardiac Arrhythmia
Bhoi, A.K., Sherpa, K.S., Khandelwal, B.
Lecture Notes in Electrical Engineering, 2019, 537, pp. 99–109
- An analytical review of different approaches for detection and analysis of electrocardiographic st segment
Bhoi, A.K., Sherpa, K.S., Khandelwal, B., Mallick, P.K.
Advances in Intelligent Systems and Computing, 2019, 768, pp. 39–51
- T wave analysis: Potential marker of arrhythmia and ischemia detection-a review
Bhoi, A.K., Sherpa, K.S., Khandelwal, B., Mallick, P.K.
Advances in Intelligent Systems and Computing, 2019, 768, pp. 121–130
- Oxidative stress in metabolic syndrome & its association with DNA-strand break
Bhutia, R.D., Sherpa, M.L., Singh, T.A., Khandelwal, B.
Indian Journal of Medical Research, 2018, 148(4), pp. 435–440
- A multifaceted intervention to improve treatment with oral anticoagulants in atrial fibrillation (IMPACT-AF): an international, cluster-randomised trial
Vinereanu, D., Lopes, R.D., Bahit, M.C., ...Magda, S.L., Matei, L.
The Lancet, 2017, 390(10104), pp. 1737–1746
- Metabolic Syndrome and Its Risk Determinants in Sikkim: A Glimpse from a Hospital Study
Bhutia, R.D., Singh, T.A., Sherpa, M.L., Khandelwal, B.
Indian Journal of Clinical Biochemistry, 2017, 32(4), pp. 480–486
- Abdominal Palpation-An art in the Heart of Midwifery Practice to Determine Persistent Oblique Lie-A Rare Condition at Term Pregnancy
B Devi, B Khandelwal
Asian Journal of Nursing Education and Research, 2016, 6 (2), 255-259
- QRS Complex and T Wave Detection using STFT
AK Bhoi, KS Sherpa, B Khandelwal
Indian Journal of Science and Technology, 2015, 9 (40), 12-14
- Multidimensional analytical study of heart sounds: A review
AK Bhoi, KS Sherpa, B Khandelwal
International Journal Bioautomation, 2015, 19 (3), 351
- Fast foods and physical inactivity are risk factors for obesity and hypertension among adolescent school children in east district of Sikkim, India
Kar, S., Khandelwal, B.
Journal of Natural Science, Biology and Medicine, 2015, 6(2), pp. 356–359

- Low-Molecular-Weight Heparin and Mortality in Acutely Ill Medical Patients
Ajay K. Kakkar, Claudio Cimminiello, Samuel Z. Goldhaber, Rajiv Parakh, Chen Wang,...B Khandelwal
N Engl J Med, 2011; 365:2463-72
- Chlamydomphila Pneumoniae Infection and Cardiovascular Disease
Rajnish Joshi, Bidita Khandelwal, Deepti Joshi, Om Prakash Gupta.
North American Journal of Medical Sciences, 2013, 5:3
- BNP and its Status as a Biomarker in Acute Ischemic Stroke.
Khandelwal B, Dey R, Khatri D.
Indian journal of Emergency Medicine, 2015.1 (2) ;91-94
- Oxidative stress in inflammatory cells of patient with rheumatoid arthritis: clinical efficacy of dietary antioxidants.
A Bala, C Mondal, P K Haldar, B Khandelwal
Inflammopharmacology, 2017;25(6) 595-607
- Application of Bandura's social cognitive theory in the technology enhanced blended learning environment.
Barkha Devi, Bidita Khandelwal, Mridula Das.
International Journal of Applied Research, 2017; 3(1): 721-724
- Dietary Antioxidants Significantly Reduced Phorbol Myristate Acetate Induced Oxidative Stress of Peripheral Blood Mononuclear Cells of Patients with Rheumatoid Arthritis *
Purbajit Chetia, Bidita Khandelwal, Pallab Kanti Haldar, Asis Bala
Current Rheumatology Reviews, 2020, 17, 1; 81-87(7)
- Multidimensional Analytical Study of Heart Sounds: A Review.
Akash Kumar Bhoi, Karma Sonam Sherpa, Bidita Khandelwal
International Journal of Bio automation, 2015, 19(3), 351-376
- Classification Probability Analysis for Arrhythmia and Ischemia Using Frequency Domain Features of QRS Complex.
Akash Kumar Bhoi, Karma Sonam Sherpa, Bidita Khandelwal
International Journal of Bio automation, 2015, 19 (4), 531-542

Professor Dr. Mona Dhakal

Link for Scopus indexed publications: <https://www.scopus.com/authid/detail.uri?authorId=55907178900>

Link for google scholar indexed publications: <https://scholar.google.com/citations?user=pABrTocAAAAJ&hl=en>

Publications with highest impact factor

- Prevalence of helicobacter pylori infection & pattern of gastrointestinal involvement in patients undergoing upper gastrointestinal endoscopy in Sikkim
Dhakal, O.P., Dhakal, M.
Indian Journal of Medical Research , 2018, 147(May), pp. 517–520
- A multifaceted intervention to improve treatment with oral anticoagulants in atrial fibrillation (IMPACT-AF): an international, cluster-randomised trial
Vinereanu, D., Lopes, R.D., Bahit, M.C., ...Magda, S.L., Matei, L.
The Lancet , 2017, 390(10104), pp. 1737–1746
- Domperidone-induced dystonia: A rare and troublesome complication
Dhakal, O.P., Dhakal, M., Bhandari, D.
BMJ Case Reports , 2014, A1389
- Phytobezoar leading to gastric outlet obstruction in a patient with diabetes
Dhakal, O.P., Dhakal, M., Bhandari, D.
BMJ Case Reports , 2014

- Pancreatitis in Scrub typhus: A rare complication
Dhakal, M., Dhakal, O.P., Bhandari, D.
BMJ Case Reports , 2014, 201849
- Polycystic kidney disease and chronic renal failure in tuberous sclerosis
Dhakal, M., Dhakal, O.P., Bhandari, D.
BMJ Case Reports , 2013, 2007-11
- Gastric xanthelasma: an unusual endoscopic finding
Dhakal, M., Dhakal, O.P., Bhandari, D., Gupta, A.
BMJ case reports , 2013

Professor Dr. O.P Dhakal

Link for Scopus indexed publications: <https://www.scopus.com/authid/detail.uri?authorId=55882036800>

Link for google scholar indexed publications: <https://scholar.google.co.in/citations?user=wRqR7-4AAAAJ&hl=en>

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BMJ Case Reports , 2014, 201849
- Polycystic kidney disease and chronic renal failure in tuberous sclerosis
Dhakal, M., Dhakal, O.P., Bhandari, D.
BMJ Case Reports , 2013, 200711
- Gastric xanthelasma: an unusual endoscopic finding
Dhakal, M., Dhakal, O.P., Bhandari, D., Gupta, A.
BMJ case reports , 2013,
- Large gastric lipoma
Sharma, B.K., Dhakal, O.P.
Kathmandu University Medical Journal , 2012, 10(39), pp. 70–72

Dr. Diki Palmu Theeng, Associate Professor (Left SMIMS 2019)

Link for Scopus indexed publications: <https://www.scopus.com/authid/detail.uri?authorId=54924590800>

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- Assessment of metabolic syndrome in HIV-infected individuals
Theengh, D.P., Yadav, P., Jain, A.K., Nandy, P.
Indian Journal of Sexually Transmitted Diseases, 2017, 38(2), pp. 152–156
- Role of aspirin in the primary prevention of atherosclerotic vascular disease: A reappraisal
Singh, V.P., Yadav, P., Malhotra, M., ...Malhotra, R., Patnaik, S.S.
Journal, Indian Academy of Clinical Medicine, 2013, 14(2), pp. 143–148
- Approach to a patient with a continuous cardiac murmur
Makhija, P., Thakur, S., Theengh, D.P., ...Arya, V., Agarwal, A.K.
Journal, Indian Academy of Clinical Medicine, 2011, 12(3), pp. 216–220