



## SRI SIDDHARTHA MEDICAL COLLEGE & HOSPITAL

Recognized by the National Medical Commission, New Delhi  
Constituent College of Sri Siddhartha Academy of Higher Education  
Accredited 'A+' by NAAC

Research Publications by Department of Biochemistry	
Dr. Shivakumar	
01	Sumina Cherian, Lokesh Mustoor Raman, <b>Shivakumar Pujari</b> , Prashanth kumar Goudappala. Plasma Uric Acid Levels and Renal Function In Type 2 Diabetes Mellitus. Afr. J. Biomed. Res. Vol. 27(1s) (August 2024); 01-06
02	Bhaktha G, Shantaram M, <b>Pujari S</b> , Revathy R. Exploring the relationship between adiponectin and reproductive transition among diabetic and non-diabetic women. Biomedicine. 2023 May 4;43(02):577-81.
03	Vinoda Kumar H R, Kshama Nadig , <b>Shivakumar</b> , Shree Harsha V Gowda. Green-Synthesized Ag-Doped ZnO Nanoparticles from Alpinia Officinarum: Potent Anti-Inflammatory and Anticancer Agents. Afr.J.Bio.Sc. 6(6) (2024) 8576-8586.
04	Dr Keshavamurthy HR, Dr. Shivakumar, Dr Vinodkumar and Dr Prashantkumar. Lipid Profile in Geriatric Patients with Diabetic Nephropathy: A Case-Control Study. Int J Pharm Bio Sci Volume 14 Issue 2, April-June, Pages:27-36
05	Dr. Keshavamurthy, Dr. Arjun Shekar, Dr. Basavaraju, Dr. Shiva Kumar and Dr. Vinod Kumar. Correlation Between Serum Leptin and Insulin Levels: A Case-Control Study. ijpbs 2023;doi10.22376/ijpbs.2023.14.3.b54-61.
06	Shivakumar SK. Lakshmi D. study of bone turnover markers-Alkaline phosphatase and urinary hydroxyproline in postmenopausal woman. Int J Clin Biochem Res.2021.8(1).12-14.
07	Shivakumar SK, Naidu MP. Study of Serum Calcium, Magnesium and Phosphorous Levels in Hypothyroidism. Scholars International journal of Biochemistry. 2020
08	Hamsaveena Dr.Shivakumar, bhargavi,lakshmi D, sathisha TG.Risk of insulin resistance in normal glucose tolerant subjects. Res J Med Allied Health Sci. 2019.2(1).11-14.
09	Bhargavi SK, Kumar S, Prasad M. Study of uric acid levels in hypothyroid patients. inflammation.2019;6(1):64-66.
10	Shivakumar K, Aruna P, Naidu JN, Prasad M. Study of micro-albuminuria in diabetic nephropathy.International Journal of Clinical Biochemistry and Research. 2018. 5(2). 288-291.
11	Shivakumar, k. prathibhabharathi, p. aruna, m. krishnamma, m prasad naidu. study of lipid profile and apolipoprotein A-1 in type 2 diabetes mellitus subjects and normal healthy controls. Biochemistry: an indian journal. 2018.12(3).133.
12	K Prathibha Bharathi, M Shivakumar, JN Naidu, M Prasad. Study of high-sensitivity C- Reactive protein levels in subjects with type 2 diabetes mellitus. Int J Clin Biochem Res.2018.5(1).78-84.
13	M Prasad Naidu1, Shiva Kumar, S Mahaboob Vali, Desai Madhav and G Subrahmanyam. Study of the role of Copper, Zinc and Magnesium in Diabetic Nephropathy. Research Journal of Pharmaceutical, Biological and Chemical Sciences 2013.
Dr Keshav Murthy	



## SRI SIDDHARTHA MEDICAL COLLEGE & HOSPITAL

Recognized by the National Medical Commission, New Delhi  
Constituent College of Sri Siddhartha Academy of Higher Education  
Accredited 'A+' by NAAC

01	Dr Keshavamurthy HR, Dr. Shivakumar, Dr Vinodkumar and Dr Prashantkumar. Lipid Profile in Geriatric Patients with Diabetic Nephropathy: A Case-Control Study. Int J Pharm Bio Sci Volume 14 Issue 2, April-June, Pages:27-36
02	Dr. Keshavamurthy, Dr. Arjun Shekar, Dr. Basavaraju, Dr. Shiva Kumar and Dr. Vinod Kumar. Correlation Between Serum Leptin and Insulin Levels: A Case-Control Study. ijpbs 2023;doi10.22376/ijpbs.2023.14.3.b54-61.
03	Keshavamurthy HR, Sherin Stephen. Correlation between Serum Leptin, Blood Urea, Serum Creatinine and FBS in Obese Hypertensives. Biomedicine :2017: 37(1): 015-20 2.
04	Keshavamurthy HR, Sunitha S. Assessment of serum leptin levels and lipid profile in hypertensive obese cases. Biomedicine: 2016: 36(1):033-038 3.
05	Ravikishore Polepalli, Keshavamurthy HR. Patterns of Internet use and their Implications in Indian Medical Students: A study from a South Indian Medical college. JEMBH:2016: 3(36):1779-1783
	<b>Dr Prashanthkumar Goudappala</b>
01	Sumina Cherian,Lokesh Mustoor Raman,Shivakumar Pujari, Prashanthkumar Goudappala. Plasma Uric Acid Levels And Renal Function In Type 2 Diabetes Mellitus.Afr. J. Biomed. Res. Vol. 27(1s) (August 2024); 01-06
02	Lewis I, Sharma S, Goudappala P, Joshi AA. Identifying the Association of Prediabetes and Cardiovascular Diseases with Metabolic Syndrome Patients in India. Journal of Datta Meghe Institute of Medical Sciences University. 2023 Jan 1;18(1):30-3.
03	Shekar A, Raman LM, Pujari S, Goudappala P. Study on coagulation profile in women with pregnancy-induced hypertension in South Indian population. Asian Journal of Medical Sciences. 2022 Dec 1;13(12):127-30.
04	Bhaktha G, Dattaprasad D, Goudappala P, Nayak SB. Lifestyle Modifications on the Expression of TCF7L2 Gene Polymorphism: A Cross-sectional Study. DNA. 2022 Nov 1;550(405):15.
05	Dr Keshavamurthy HR, Dr. Shivakumar, Dr Vinodkumar and Dr Prashantkumar. Lipid Profile in Geriatric Patients with Diabetic Nephropathy: A Case-Control Study. Int J Pharm Bio Sci Volume 14 Issue 2, April-June, Pages:27-36
06	Prashanthkumar Goudappala, Vinaykumar K, Jasneet Kaur Sandhu, Siva Prasad P. Serum Ferritin, The Most Sensitive Marker to Predict Renal Dysfunction in Diabetic Subjects. IMC Journal of Medical Science (IMCJMS).2022
07	Aishwarya Rao, Aditi Nagendra, Yogaraje Gowda CV, Kashinath R T, Prashanthkumar Goudappala*. Effect of diallyl disulfide (DADS) on glucose utilization in diabetic erythrocytes. International Journal of Pharmaceutical Sciences and Research. Vol. 13, Issue 6; June 2022
08	Goudappala P, Gowda CY, Kashinath RT. Diallyl disulfide regulates purine metabolism and their metabolites in diabetes mellitus. Indian Journal of Physiology and Pharmacology. 2021 Jun 2;65(1):28-34.
09	Shivananda Nayak, Sridevi V, Pradeepkumar, Subbaramaiah N, Latha Telang, Goudappala P, Chandrakanth Halappa Kariappa , Sharma A, Maanasa Sagari, Nayak A. Students' engagement and perceptions of small group tutorial classes



## SRI SIDDHARTHA MEDICAL COLLEGE & HOSPITAL

Recognized by the National Medical Commission, New Delhi  
Constituent College of Sri Siddhartha Academy of Higher Education  
Accredited 'A+' by NAAC

	among undergraduate medical students. Journal of Advances in Medical Education & Professionalism. 2021; 9(1): 18.
10	Goudappala P, Sukumar E, Kashinath RT. Effect of Diallyl disulphide on Hepatic glucose regulating enzymes in alloxan induced diabetic rats. Indian Journal of Biochemistry and Biophysics. 2020; 57(5): 567-71.
11	Srinivas S, Nagendra S, Anvitha C, Goudappala P, Kashinath RT . Relationship of cutaneous manifestations with inflammatory markers in diabetic nephropathic patients on heamodialysis. International Journal of Research in Dermatology. 2020; 6(1):9-13.
12	Goudappala P, Sukumar E, Yogaraje-Gowda CV, Kashinath RT. Effect of Diallyl Disulphide (DADS) on Gluconeogenesis: A Study in Isolated Alloxan Induced Diabetic Liver. Pharmacognosy Journal. 2019;11(4): 777-781.
13	Goudappala P, Sukumar E, Kashinath RT. Diallyl disulfide improves the liver antioxidant potential in diabetes-mediated oxidative damage in rats. Drug Invention Today. 2019; 11(6): 1271-1276.
14	Goudappala P, Sukumar E, Kashinath RT. Influence of Diallyl disulphide on Hepatic Gluconeogenesis suppression by CREB Binding protein phosphorylation. International Journal of Research in Pharmaceutical Sciences. 2019; 10(2):1327-31.
15	Srinivas S, Nagendra S, Goudappala P, Kashinath RT. Alterations in plasma lipid profile and cardiovascular risk indicators in clinically sub-grouped psoriasis. International Journal of Research in Dermatology. 2019; 5(2):295-299. 3 3
16	Goudappala P, Sukumar E. Effect of diallyl disulphide on glucose utilization in isolated alloxan diabetic liver. Biomedical Research. 2018; 29(16): 3207-3212.
17	Srinivas S, Goudappala P, Kashinath RT. Inter relationship of plasma lipid profile parameters with plasma uric acid levels in psoriasis. International Journal of Research in Dermatology 2018; 4(3):318-322.
18	Srinivas S, Goudappala P, Kashinath RT. Plasma Lipid Profile Parameters and Their Internal Ratios in Clinically Sub-Grouped Psoriasis Patients. Int J Clin Dermatol Res. 2018; 6(4):174-179.
19	Srinivas S, Nagendra S, Goudappala P, Kashinath R T Significance of plasma total cholesterol-VLDL cholesterol ratio (TC/VLDLC) in Type-2 diabetes mellitus. International Journal of Biomedical Research 2018; 09(01): 36-39.
20	Goudappala P, Sukumar E, Kashinath RT. Influence of diallyl disulphide on glycogen breakdown in alloxan diabetic liver. IOSR JDMS. 2017; 16: 30-32.
21	Damini P, Nagendra S & Goudappala P, Kashinath R T. Influence of Plasma Cholesterol on Erythrocyte Membrane Cholesterol in Type 2 Diabetic Subjects. IOSR Journal of Dental and Medical Sciences. 2017; 16; 52-56.
22	Prashanthkumar G, Nagendra S, Kashinath RT. Plasma Uric Acid Levels in Relation to Plasma Cholesterol Levels in Type-2 Diabetes Mellitus. Global Journal of Medical Research. 2015; 15(2): 27-30.
23	Gowda A, Shanbhag V, Shenoy S, Bangalore ER, Prabhu KM, Murthy R, Venumadhav N, Goudapala PK, Narayanareddy M, Shanbhag T. Wound healing property of topical application of ethanolic extract of Michelia champaca flowers in diabetic rats. Int J Pharmacol Clin Sci. 2013;2(3):67-74.
	<b>Dr Vinoda Kumar H R</b>



## SRI SIDDHARTHA MEDICAL COLLEGE & HOSPITAL

Recognized by the National Medical Commission, New Delhi  
Constituent College of Sri Siddhartha Academy of Higher Education  
Accredited 'A+' by NAAC

1	Vinoda Kumar H R , Kshama Nadig , Shivakumar , Shree Harsha V Gowda4. Green-Synthesized Ag-Doped ZnO Nanoparticles from <i>Alpinia Officinarum</i> : Potent Anti-Inflammatory and Anticancer Agents. <i>Afr.J.Bio.Sc.</i> 6(6) (2024) 8576-8586.
2	Dr Keshavamurthy HR, Dr. Shivakumar, Dr Vinodkumar and Dr Prashantkumar. Lipid Profile in Geriatric Patients with Diabetic Nephropathy: A Case-Control Study. <i>Int J Pharm Bio Sci</i> Volume 14 Issue 2, April-June 2023, Pages:27-36
3	Dr. Keshavamurthy, Dr. Arjun Shekar, Dr. Basavaraju, Dr. Shiva Kumar and Dr. Vinod Kumar. Correlation Between Serum Leptin and Insulin Levels: A Case-Control Study. <i>ijpbs</i> 2023;doi10.22376/ijpbs.2023.14.3.b54-61.
4	Vinoda Kumar H R, Elancheran M, Dharmotharan SR, Indrani JC. Novel PALB2 deleterious mutations in breast cancer patients from South Indian population. <i>Gene Reports</i> . 2019 Dec1;17:100492.
5	Shankar A, Vinoda Kumar H R, Santhini G. A cross sectional study to find out the lipid abnormalities and thyroid profile variations among SARS COVID-19 patients. <i>Annals of Tropical Medicine and Public Health</i> . 2020 Dec;23:232-396.
6	Anuradh G, Gopalakrishnan SS, Vinodakumar HR (2020). Relationship between liver enzymes and lipid profile in pre-diabetes and type 2 diabetes mellitus patients, <i>Ann Trop Med &amp; Public Health</i> ; 23(S20):
7	Vinoda Kumar H R, Kumar MS, Kumar MR, Bharath AC, , Kekuda TP, Nandini KC, Rakshitha MN, Raghavendra HL. Screening of selected biological activities of <i>Artocarpus lakoocha</i> Roxb (Moraceae) fruit pericarp. <i>Journal of basic and clinical pharmacy</i> . 2010 Sep;1(4):239.
8	KHATUN S, SANTHINI G, Malligai E, Vinoda Kumar H R. Evaluation of Serum Zinc, Copper Level and their Correlation with Cu/Zn Ratio and FT3/FT4 Ratio in Hypothyroidism. <i>Journal of Clinical &amp; Diagnostic Research</i> . 2019 Jul 1;13(7).
9	Vinoda Kumar HR, Devaki RN, Harisha SA, Shree Harsha V, PooJitha K. Serum ferritin levels in patients of beta-thalassaemia major, receiving repeated blood transfusion. <i>Indian J Appl Res</i> . 2015;5(7).
10	Harisha S A, Vinod Kumar H R, Poojitha K, Devaki R N, M N Suma, Devananda D, Spectrum Of Beta Thalassemia Mutations Detection In South Karnataka Population By Using ARMS-PCR <i>International Journal of Scientific Research</i> , Vol : 3, Issue : 10 October 2014