

Research Publications

Name: Dr. Ketan Mangukiya

Designation: Professor

Department: Biochemistry

Institute: Kiran Medical College, Surat

Sr. No	Title	Type of Publication	Name of indexing (pubmed, scopus, embase, DOAJ etc)	Vancouver style citation
1.	The Study of the Association between Serum Bilirubin Levels and the Risk of Heart Disease in Hospitalised Patients.	Original Article	Embase	Jigar Shaherawala, Ketan Mangukiya. The Study of the Association between Serum Bilirubin Levels and the Risk of Heart Disease in Hospitalised Patients. International Journal of Pharmaceutical and Clinical Research 2023; 15(4); 1500-1504
2.	Evaluation of Mean Platelet Volume Level as A Biomarker in Acute Appendicitis in Children and Adolescent: A Retrospective Study	Original Article	Embase	A Jawarkar, H Vaghela, Ketan Mangukiya Evaluation of Mean Platelet Volume Level as A Biomarker in Acute Appendicitis in Children and Adolescent: A Retrospective Study. Asian J Pharm Clin Res, Vol 16, Issue 9, 2023, 84-86
3.	Thyroid hormones and FSH, LH, and prolactin correlation in infertility in women of reproductive age.	Original Article	Embase	Jigar Shaherawala, Ketan Mangukiya. Thyroid hormones and FSH, LH, and prolactin correlation in infertility in women of reproductive age. National Journal of Physiology, Pharmacy and Pharmacology 2023 Vol 13 Issue 12
4.	Study Of Association of Inflammatory Markers with Metabolic Syndrome	Original Article	Embase	R Sharma, G Kanwar1, Ketan Mangukiya2*,

	in Prediabetic Patients at Tertiary Care Center Of Rajasthan, India.			Chandra Prakash Sharma. Study Of Association of Inflammatory Markers with Metabolic Syndrome in Prediabetic Patients at Tertiary Care Center Of Rajasthan, India. Asian J Pharm Clin Res, Vol 15, Issue 5, 2022, 103-106
5.	Study between serum bilirubin level and Risk factor of cardiac disease in patients admitted in hospital.	Original Article	Embase	Dr Ketan Mangukiya, Dr Krishna Kant Shiromani. Study between serum bilirubin level and Risk factor of cardiac disease in patients admitted in hospital. European Journal of Molecular & Clinical Medicine, Volume 09, Issue 03, 2022
6.	Study of Assessment of Thyroid Profile in Metabolic Syndrome Patients.	Original Article	Pubmed	Dr Panchal, Dr K Shiromani, Dr Ketan K Mangukiya. Study of Assessment of Thyroid Profile in Metabolic Syndrome Patients. ijmacr, Volume - 3 Issue - 6, Page No. 92 – 96
7.	Study of association of thyroid disorders with abnormal uterine bleeding.	Original Article	Pubmed	Dr D Kiran, Dr. N Mandloi, Dr Ketan K Mangukiya Study of association of thyroid disorders with abnormal uterine bleeding. ijmsir, Volume – 6 Issue - 5, Page No. 01 - 07

Name: Dr. Kiran Sodavadiya

Designation: Professor

Department: Biochemistry

Institute: Kiran Medical College, Surat

Sr. No	Title	Type of Publication	Name of indexing (pubmed, scopus, embase, DOAJ etc)	Vancouver style citation
1.	Role of preoperative assessment of serum cholesterol and albumin in surgical site infection.	Original Article	Scopus	Sodavadiya DK, Singh DS, Agrawal DB. Role of preoperative assessment of serum cholesterol and albumin in surgical site infection. International Journal of Medical and Biomedical Studies. 2019;3(7):114-8.
2.	Serum Iron and Ferritin as Diagnostic Marker of Breast Cancer.	Original Article	Pubmed	Vamne A, Sarkar P. Serum Iron And Ferritin As Diagnostic Marker of Breast Cancer. National Journal of Integrated Research in Medicine. 2018 Jan 1;9(1).
3.	Role of biochemical markers in type 2 diabetic patients of cataract and retinopathy attending Index.	Original Article	Scopus	Khanorkar P, Agrawal BK, Sodavadiya KK. Role of biochemical markers in type 2 diabetic patients of cataract and retinopathy attending Index Medical College, Hospital and Research Centre, Indore (MP). International Journal of Clinical Biochemistry and Research. 2018;5(1):17-22.

Name: Dr. Dhavani Jethva
Designation: Assistant Professor
Department: Biochemistry
Institute: Kiran Medical College, Surat

Sr. No	Title	Type of Publication	Name of indexing (pubmed, scopus, embase, DOAJ etc)	Vancouver style citation
1.	ISO 15189 Internal Auditor Training-Feedback from Participant to Make It More Effective and Convenient.	Original Article	Pubmed	Jethva D, Papulla S, Patel S, Savaliya N, Karbhari N. ISO 15189 Internal Auditor Training-Feedback From Participant To Make It More Effective And Convenient. National Journal of Integrated Research in Medicine. 2022 Jul 1;13(4).
2.	Comparison of Magnesium by EDTA and EGTA as chelating agent.	Original Article	Scopus	Jethva D, P Shruthi, Patel S, Savaliya N, Karbhari N. Comparison of Magnesium by EDTA and EGTA as chelating agent.ijcb.2022 Dec; 7(3)

Name: Dr. Akansha Singh
Designation: Assistant Professor
Department: Biochemistry
Institute: Kiran Medical College, Surat

Sr. No	Title	Type of Publication	Name of indexing (pubmed, scopus, embase, DOAJ etc)	Vancouver style citation
1.	Effect of Tobacco on Lipoprotein Profile: A Comparative study among Smokers and Chewers.	Original Article	Scopus	Jha RK, Ambad RS, Koundal P, Singh A. Effect of Tobacco on Lipoprotein Profile: A Comparative study among Smokers and Chewers. Research Journal of Pharmacy and Technology. 2021;14(9):4973-6.
2.	Association between Glutathione-S-Transferase and Gastric Carcinoma: A case control study.	Original Article	Scopus	Ambad RS, Koundal P, Singh A, Jha RK. Association between Glutathione-S-Transferase and Gastric Carcinoma: A case control study. Evolution Med. Dent. Sci. 2020 Sep 21;9(39):2783-6.
3.	Altered Levels Of Serum Cu And Cu/zn Ratio In Psoriasis.	Original Article	Scopus	Singh A, Aggarwal J, Ahmed TI, Gupta S. Altered Levels Of Serum Cu And Cu/zn Ratio In Psoriasis. JK Practitioner. 2019 Jan 1;24.
4.	Role of Lipid and Oxidative Stress in Psoriatic Patients-A Case Control Study.	Original Article	Scopus	Jha RK, Singh A, Koundal P, Ambad RS. Role of Lipid and Oxidative Stress in Psoriatic Patients-A Case Control Study. Journal of Evolution of Medical and Dental Sciences. 2021 Jan 18;10(3):132-7.
5.	Copper and zinc status in psoriasis: correlation with severity.	Original Article	Scopus, Pubmed	Aggarwal J, Singh A, Gupta S, Prasad R. Copper and zinc status in psoriasis: correlation with severity. Indian Journal of Clinical Biochemistry. 2021 Jan;36(1):120-3.
6.	Study of Rta Patients with SERUM Electrolytes and	Original Article	Scopus	Singh A, Bhadarge GL, Ambad R. Study of Rta Patients with SERUM

	SERUM Bilirubin Levels.			Electrolytes and SERUM Bilirubin Levels. ECS Transactions. 2022 Apr 24;107(1):16167.
7.	Systemic review to explore the effect of dyslipidaemia and metabolic function in coronary heart disease with type 2 diabetes mellitus: in tertiary care center.	Review Article	Scopus	Singh A, Ambad RS, Jha RK. Systemic review to explore the effect of dyslipidaemia and metabolic function in coronary heart disease with type 2 diabetes mellitus: in tertiary care center. Journal of Pharmacy and Bioallied Sciences. 2025 May 1;17(Suppl 1):S127-9.
8.	Effect of Dyslipidaemia and Metabolic Function in Coronary Heart Disease with Type 2 Diabetes Mellitus-In Tertiary Care Center.	Original Article	Scopus	Singh A, Ambad RS, Jha RK. Effect of Dyslipidaemia and Metabolic Function in Coronary Heart Disease with Type 2 Diabetes Mellitus-In Tertiary Care Center. Journal of Pharmacy and Bioallied Sciences. 2025 May 1;17(Suppl 1):S913-5.
9.	Effect of Dyslipidaemia and Metabolic Function in Coronary Heart Disease with Type 2 Diabetes Mellitus-In Tertiary Care Center.	Original Article	Scopus	Singh A, Ambad RS, Jha RK. Effect of Dyslipidaemia and Metabolic Function in Coronary Heart Disease with Type 2 Diabetes Mellitus-In Tertiary Care Center. Journal of Pharmacy and Bioallied Sciences. 2025 May 1;17(Suppl 1):S913-5.

Name: Dr. Neeti Ashokbhai Patel

Designation: Assistant Professor

Department: Biochemistry

Institute: Kiran Medical College, Surat

Sr. No	Title	Type of Publication	Name of indexing (pubmed, scopus, embase, DOAJ etc)	Vancouver style citation
1	A Symbiotic Relation between Anti-Mullerian Hormone and Vitamin D in Polycystic Ovary Syndrome: A Meta-Analysis and Systematic Review	Review Article	Embase	Patel KJ, Sheth HJ, Mangrola NY, Patel NA. A Symbiotic Relation Between Anti-Mullerian Hormone (AMH) and Vitamin D in Polycystic Ovary Syndrome (PCOS): A Meta-Analysis and Systematic Review. Natl J Med Res 2025;15(04):325-336.
2	Serum Anti-Müllerian Hormone and Antral Follicle Count: Indicators of Ovarian Reserve in Primary Infertility	Original Article	Scopus	Purandare NR, Jain S, Shinde SA, Patel N, et al. Serum Anti-Müllerian Hormone and Antral Follicle Count: Indicators of Ovarian Reserve in Primary Infertility. Int J Infertil Fetal Med 2025;16(1):18–21.
3	Harnessing the Power of GPR120 in Redefining Insulin Resistance and Inflammation Management in Polycystic Ovary Syndrome	Original Article	Scopus	Patel N, Shaker IA, Patel K. Harnessing the Power of GPR120 in Redefining Insulin Resistance and Inflammation Management in Polycystic Ovary Syndrome. Asian J Pharm Clin Res 2025; 18(6):143-146. DOI: doi.org/10.22159/ajpcr.2025v18i6.54774
4	Hormonal Whirlwinds to Emotional Echoes: The Deep-Rooted Impact of Polycystic Ovary Syndrome on Psyche and Well-Being	Original Article	Scopus	Patel N, Shaker IA, Patel K, Mangrola NY. Hormonal Whirlwinds to Emotional Echoes: The Deep-Rooted Impact of Polycystic Ovary Syndrome on Psyche and Well-Being. Natl J Community Med

				2025;16(5):456-465. DOI: 10.55489/njcm.16052025 5258
5	Comprehensive Inflammatory Biomarker Profiling In Diabetic Nephropathy: Identifying Key Indicators for Early Diagnosis and Therapeutic Intervention	Original Article	Scopus	Singh D, Shaker IA, Patel N. Comprehensive Inflammatory Biomarker Profiling In Diabetic Nephropathy: Identifying Key Indicators for Early Diagnosis and Therapeutic Intervention. Frontiers in Health Informatics, 2024;13(8): 1031-1043
6	The Complex Dynamics of Hyperandrogenism, Organokines and Total Antioxidant Stress in Polycystic Ovary Syndrome	Original Article	Scopus	Patel N, Shaker IA, Patel K. The Complex Dynamics of Hyperandrogenism, Organokines and Total Antioxidant Stress in Polycystic Ovary Syndrome. J. Chem. Health Risks. 2024; 14(6)(2024):38-45.
7	Vitamin D as a Potential Marker of Metabolic and Endocrine Health in Polycystic Ovary Syndrome	Original Article	Scopus	Patel N, Shaker IA, Patel K, Singh D. Vitamin D as a Potential Marker of Metabolic and Endocrine Health in Polycystic Ovary Syndrome. Afr.J.Bio.Sc. 2024; 6(14)(2024):8512-8516.
8	Prevalence and determinants of obesity among school going adolescents: Systematic Review	Review Article	DOAJ	Mangrola N, Patel K, Patel PK, Chauhan D, Patel N. Prevalence and determinants of obesity among school going adolescents: A systematic review. J Med Sci Res. 2023; 11(2):136-144.
9	Polycystic ovarian syndrome and microbiome: Implications for women's health	Review Article	DOAJ	Patel N, Singh D, Lokary V, Shaker IA. Polycystic ovarian syndrome and microbiome: Implications for women's health. J Med Sci Res. 2023; 11(1):47-56.
10	A study of serum cystatin C as a marker of diabetic	Review Article	DOAJ	Singh D, Patel N, Malapati BR, Shaker IA.

	nephropathy among patients with type 2 diabetes mellitus: A systematic review and meta-analysis			A study of serum cystatin C as a marker of diabetic nephropathy among patients with type 2 diabetes mellitus: A systematic review and meta-analysis. J Med Sci Res. 2022; 10(4):237-242
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Name: Ms. Laxmi Naval

Designation: Tutor

Department: Biochemistry

Institute: Kiran Medical College, Surat

Sr. No	Title	Type of Publication	Name of indexing (pubmed, scopus, embase, DOAJ etc)	Vancouver style citation
1	Determination of Biochemical Parameters (AST, ALT, Total Protein, Albumin and ALP) in Corona (COVID-19) Patients.	Original Article	Embase	Laxmi Naval, Krishna Murari Lodha, Rinku Bansal, Ajay Kumar Bhargava, Deepti Gautam. Determination of Biochemical Parameters (AST, ALT, Total Protein, Albumin and ALP) in Corona (COVID-19) Patients. International Journal of Pharmaceutical and Clinical Research 2023;15(9):1254-1261
2	Assessemnt of serum trace elements (zinc, magnesium, calcium and phosphorous) in pre-eclampsia.	Original Article	Embase	Akshita choudhary Ajay kumar bhargava, Neeraj singh songara, Laxmi naval. Assessemnt of serum trace elements (zinc, magnesium, calcium and phosphorous) in pre-eclampsia. International Journal of Pharmaceutical and Clinical Research 2022; 14(7):865-871.
3	Assessment of chromium, copper & lead levels in carcinoma breast patients.	Original Article	Embase	Neeraj singh songara, Ajay kumar bhargava, Akashita choudhary, Laxmi naval. Assessment of

				chromium, copper & lead levels in carcinoma breast patients. International Journal of Pharmaceutical and Clinical Research 2022; 14(5):303-312.
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Name: Mr. Bhuvanesh Panwar

Designation: Tutor

Department: Biochemistry

Institute: Kiran Medical College, Surat

Sr. No	Title	Type of Publication	Name of indexing (pubmed, scopus, embase, DOAJ etc)	Vancouver style citation
1	Association of Maternal Serum Total Protein and Albumin level With Birth weight of Newborn.	Original Article	Pubmed, DOAJ, Citation Index	<u>Bhuvanesh S Panwar.</u> Association of Maternal Serum Total Protein and Albumin level With Birth weight of Newborn. International Journal of Scientific Research 2022; Vol 12, Issue 5.