



SHRI RAWATPURA SARKAR
INSTITUTE OF MEDICAL SCIENCES AND RESEARCH
(SRIMSR)

Email-info@srimsr.com, Mobile: 7222910468, Nava Raipur, Atal Nagar (C.G.)-493661

Publications from the department during the past 3 years

S.No.	Department	Publications
1.	ANATOMY	<ol style="list-style-type: none">1. Arm Length and Height Relationship in Young Indian Adults: A Correlation and Regression Analysis.2. Gender Differences in the relationship between forearm length and Height different age Groups: A Correlation and Regression Analysis.
2.	PHYSIOLOGY	<ol style="list-style-type: none">1. Jibhkate, A., et al. (2025). Harmonizing the mind: A correctional study comparing the cognitive effect of Yog Nidra, Music, and exercise. DMIHER Journal. (Accepted for publication)2. Bajpai, R., Jibhkate, A., Gavali, Y., Shrivastav, C., Kumar, G. I., & Sharma, D. (2023). Effect of Yoga Nidra on visual reaction time in young medical students: A cross-sectional interventional study. National Journal of Physiology, Pharmacy and Pharmacology, 13(9), 1858-1860.3. Bajpai, R., Gavali, Y., Kumar, G. I., Jibhkate, A., & Sharma, D. (2022). Effect of low volume background instrumental flute music on visual reaction time: A cross-sectional interventional study. National Journal of Physiology, Pharmacy and Pharmacology, 12(11).
3.	BIOCHEMISTRY	<ol style="list-style-type: none">1. Wakde YN, Lath RK, Jaiswal NK. The Study of CRP as an Inflammatory Marker in Diabetes Mellitus with relation to the Level of Glycosylated Haemoglobin: A Case- Control Study. The Bioscan, 2026;21(1): 779-786.2. Shashidhar Kurpad N, Munilakshmi U, R. Sai Deepika, Bhuneshwar Yadav. Comparative Assessment of Fluoride Levels in Individuals with Chronic Fluoride Exposure and Type 2 Diabetes. <i>South Eastern European Journal of Public Health.</i> 2025;44-55. https://doi.org/10.70135/seejph.vi.3311

Wakde
DEAN
New Raipur, Raipur (C.G.)



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		<ol style="list-style-type: none">3. Bhuneshwar Yadav, Shashidhar K N, Sai Deepika R, Munilakshmi U. (2025). Urinary Vitamin-D Binding Protein; Non- Invasive Biomarker for Diabetic Kidney Disease: A Cross-Sectional Study. <i>Journal of Chemical Health Risks</i>, 15(5), 2649-2658.4. Jibhkate AN, Bajpai R, Lath R, Haritwal A, Gade S. Harmonizing the mind: A cross-sectional interventional study comparing the cognitive effects of Yoga Nidra, music and exercise. <i>J Datta Meghe Inst Med Sci Univ</i> 2025; 20:534-7.5. Goyal S, Sharma S, Kapoor A, Sharma AK, Pandey CB, Dwivedi E. Homocysteine level and its correlation with lipid profile and glycemic parameters in type 2 diabetes mellitus patients. <i>Int J Life Sci Biotechnol Pharma Res</i>. 2024;13(1):98-101.6. Wagh SP, Bhagat SP. An analysis of orthopedic workflow in a tertiary care private teaching hospital in MGM Medical College: A comparative study between pre-COVID and COVID eras. <i>Int J Acad Med Pharm</i>. 2023;5(4):1789-92. doi:10.47009/jamp.2023.5.4.3587. Sinha RK, Wagh SP. Biochemical parameters as risk factors for acute myocardial infarction. <i>Int J Acad Med Pharm</i>. 2023;5(5):830-5. doi:10.47009/jamp.2023.5.5.1628. Jibhkate NS, Kamble P, Mahure S, Charmode N, Lath R, Jibhkate A. Unveiling the Utility of Bronchoalveolar Lavage Cytology in Diagnosing Pulmonary Lesions at Tertiary Care Hospital. <i>Intl. J. Pharm. Clin. Res</i>. 2024; 16(3); 454-4609. YN Wakde, PC Dhruw, V Bombeshwar . The correlation of Hb and Hba1c in Diabetes Mellitus with respect to Anemia: A case- control study. <i>Afr. J. Biomed. Res</i>. 2024;27(4s):18718-1872010. Dr. N. Swapna, Dr. B. Birundha, Dr. Yugantar Wakde, Md Tausif Raza, Mithul V Mammen, Dr. Nikunj B. Patel, Sanjukta Roy., (2025) Emerging Molecular Pathways in the Pathogenesis of Cardiovascular Diseases: A Comprehensive Review, <i>Vascular and Endovascular Review</i>, Vol.8, No.13s, 367-377.
4.	PATHOLOGY	<ol style="list-style-type: none">1. Comparison of Bethesda versus Other International Cytology Reporting Systems of Thyroid Lesions: A Single Centre Study

W. J. Wakde
SRIMSR
DEAN
Nava Raipur, Raipur (C.G.)



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		<ol style="list-style-type: none">Hematological Profile in Patients with Malaria: A Hospital-Based Observational Prospective StudyESR1 Mutations and PD-1 Expression in hormone receptor- positives breast cancer: a Systematic review and meta- analysis
5.	MICROBIOLOGY	<ol style="list-style-type: none">Granulicatella adiacens Bacterial Infection after Pancreatectomy Whipple's Procedure.To evaluate the prevalence of hepatitis B virus infection in patients attending tertiary care teaching hospital.Manisa S. Infection Prevention and Control in special high-risk Units (Chapter 17). In the The Indian Infection Prevention & Control (IPC) Handbook: A practical guide to NABH, JCI and National compliance. 1st Edition, 2026. e-ISBN: 978-93-7020-060-9
6.	FORENSIC MEDICINE	<ol style="list-style-type: none">The Role of Fingernails in Death investigation.Study of Arachnoid Granulations and Their Pits in Head Injuries.Legal Assessment of Forensic Pathological Findings: A Cross-Sectional StudyPostmortem Tanning: Can it Help in Estimating Tie Since Death?
7.	COMMUNITY MEDICINE	<ol style="list-style-type: none">Evaluation of Mass Drug Administration to Eliminate Lymphatic Filariasis in Surguja and Surajpur District, Chhattisgarh.Prevalence of Hypertension and its correlates among adult population living in an urban area of west Bengal.International Journal of life Sciences Biotechnology and Pharma Research.An Innovative tool For Creating Trailblazing office ergonomics awareness and skills trainings amongst office employees for safer use of computers
8.	GENERAL MEDICINE	<ol style="list-style-type: none">Assessing the Serum Lipid Profile and Its Association with Prediabetes and Diabetes and Diabetes in Indian Subjects.Serum Uric Acid Levels in Subjects Having Acute Ischemic Stroke
9.	GENERAL SURGERY	<ol style="list-style-type: none">Clinicopathological Spectrum of Obstructive Jaundice in a Tertiary Care Centre: A Prospective Study.Prospective Study on the Etiological Spectrum and Diagnostic Evaluation of Obstructive Jaundice in a Tertiary Care Hospital.





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		<ol style="list-style-type: none">3. Timing of Laparoscopic Cholecystectomy in Acute Biliary Pancreatitis: A Prospective Randomized Trial.4. Management Strategies for Cystic Scrotal Swellings: A Clinical Evaluation.
10.	ORTHOPAEDICS	<ol style="list-style-type: none">1. Prevention of Postmenopausal Osteoporosis - A Comparative Study of Exercise, Calcium Supplementation, and Hormone-Replacement Therapy.2. Bone Density and Lifestyle Characteristics in premenopausal and postmenopausal women3. Comparative study between deltoid split (Mippo Technique) and deltopectoral approach philos plate fixation in seers type 2 and type 3 proximal humerus Fractures4. Outcome Analysis of Closed Displaced Intraarticular Fracture of Calcaneum Treated with Calcaneum Locking plate.
11.	OTO-RHINO-LORYNCOLOGY	<ol style="list-style-type: none">1. The Role of Videonystragmography in Diagnosis of Vestibular disorders.
12.	OPHTHALMOLOGY	<ol style="list-style-type: none">1. Chorodial Thickness Profile in Central, Serous Chorioretinopathy: An Oct Based Study.2. A Study of Association of Lipid Profile with Primary Open Angle Glaucoma in No-Obese Patients
13.	OBS&GYNE	<ol style="list-style-type: none">1. Comparison of Intracervical Foleys Catheter with Extra Amniotic PGF2 Alpha Instillation and Intracervical Foleys Catheter with PGE1 Vaginal Pills for Second- Trimester Abortion.2. Assess the Relationship Between Ovarian Volume and Fasting Plasma Insulin Resistance and Levels in Women with Polycystic Ovaries.
14.	ANESTHESIOLOGY	<ol style="list-style-type: none">1. Agrawal A, Bhandge S, Goyal V. To compare the retro-clavicular and coracoid approach for ultrasound-guided infraclavicular brachial plexus block for upper limb surgeries. Afr J Biomed Res. 2024;27(4 Suppl):1195-1204.2. Bhandge S, Agrawal A, Goyal V. To evaluate the analgesic efficacy and opioid-sparing properties of dexamethasone and dexmedetomidine when added to ropivacaine for ultrasound-guided saphenous nerve block for postoperative analgesia in anterior cruciate ligament reconstruction surgery: a randomized controlled trial. Afr J Biomed Res. 2024;27(4 Suppl):1187-1194.3. Chandrakar B, Dubey I, Bhandge S. To study hemodynamic variables post-induction with propofol versus ketofol. J Contemp Clin Pract. 2024; doi:10.61336/jccp/25-06-55.

M. Bhandge
DEAN
Nava Raipur, Raipur (C.G.)



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		4. Dubey I, Chandrakar B, Bhandge S. Study the efficacy and analgesic benefit with intravenous lidocaine and intravenous nalbuphine in upper limb injury patients. J Contemp Clin Pract. 2024;doi:10.61336/jccp/25-06-86.
15.	RADIOLOGY	1. Assessment of Craniocerebral Trauma Using Computed Tomography: A Clinical and Radiological Study. 2. Role of High-Resolution Computed Tomography in Evaluation of Diffuse Lung Diseases. 3. To Study Hemodynamics Variable Post-Induction with Propofol Versus Ketofol.
16.	DENTIST	1. Assessment of Role of Autologous Platelet - Rich Plasma (PRP) in Acceleration of Fracture Healing. 2. Comparative Evaluation of the tensile Bond Strength Between Polyvinyl Siloxane Impression Materials with two different tray Materials using Three Different Tray Adhesives - An in Vitro Study


