

❖ **Research & Innovation**

Publications

Allied Health Sciences	THE CORRELATION OF NLR, MLR, AND PLR AS A PRODIAGNOSTIC MARKER IN CHRONIC KIDNEY DISEASE	Gagandeep Singh, Dr. Atul Khajuria	Allied Health Sciences	Santosh University Journal of Health Sciences	2024	2455-1732
	ALLERGIC BRONCHOPULMONARY ASPERGILLOSIS(ABPA) IN ASTHMA PATIENTS	Ms NEHA, Dr. ATUL KHAJURIA, Ms Seema Rani, Mr. Gagandeep	Allied Health Sciences	Mukt Shabd Journal	2024	2347-3150
	Comparison of Intravenous Lignocaine and Esmolol in Attenuating Hemodynamic Response to Laryngoscopy and Endotracheal Intubation.	Deepanshu Sharma, Aniyat Sheikh, Gagandeep Singh, Seema Rani, Atul Khajuria.	Allied Health Sciences	Research & Reviews: Journal of Surgery	2024	2319-3425
	Comprehensive Review on Postoperative Nausea and Vomiting Following General Anesthesia	Deepanshu Sharma, Aniyat Sheikh, Seema Rani, Gagandeep Singh, Atul Khajuria.	Allied Health Sciences	International Journal of Advance in Molecular Engineering	2024	3049-219X
	Assessment of Women's Knowledge of Mastitis at Indus International Hospital, Punjab. Research & Reviews	Lalita Saini, Vishali Chauhan, Atul Khajuria.	Allied Health Sciences	A Journal of Health Professions	2024	2277-6192
	To Assess Radiation Awareness Among Healthcare Workers and Their Approach Toward Radiation Protection.	Vaishali Chauhan, Lalita Saini, and Atul Khajuria	Allied Health Sciences	International Journal of Energetic Materials	2024	2456-3978
	A Review of the Effects of Inspiratory Muscle Training on Patients Transitioning Off from Mechanical Ventilator	Dr. Vipin Chandraker, Dr. Anandita Sharma	Allied Health Sciences	International Journal of All Research Education and Scientific Methods	2024	2455-6211
	Effect of Pulsed Electromagnetic Field Therapy Combined with Conventional Physiotherapy on Pain and Disability in Individuals with Lumbar Disc Herniation – A CASE REPORT	Dr. Ishaan Gupta, Radhika, Dr. Divya Midha, Dr. Narkeesh Arumugam, Maninder Singh	Allied Health Sciences	International Journal of Health Sciences and Research	2025	2249-9571
	To Assess The Level Of Understanding Of Radiation Protection	Shruti, Lalita Saini	Allied Health Sciences	Pending	2025	Pending

Among Technicians And Students, Evaluating Their Awareness Of Safety Measures And Guidelines					
An Examination And Meta Analysis Of Balloon Blowing Exercises: Effectiveness On Cardio Respiratory Parameters	Dr. Neha Vyas, Anandita Sharma (PT)	Allied Health Sciences	International Journal of All Research Education and Scientific Methods	2025	2455-6211
CORRELATION OF INCREASED HBA1C AND MEAN BLOOD GLUCOSE LEVEL IN DIABETES PATIENTS	Dr.Zora Singh, Dr.Sandeep Singh, Satyam Kumar	Allied Health Sciences	International Journal of Multidisciplinary Educational Research	2024	2277-7881
Effect of Fascial Distortion Models (FDM) along with Conventional Physiotherapy on Function and Mobility in Individuals with Frozen Shoulder- CASE REPORT	Dr. Ishu Verma, Harmanpreet Kaur, Dr. Divya Midha, Dr. Narkeesh Arumugam, Manpreet Singh	Allied Health Sciences	International Journal of Health Sciences and Research	2025	2249-9571
Antimicrobial Resistance of Mycobacterium Tuberculosis: A Global Health Challenge	Seema Rani, Satyam Kumar, Sajad Ahmed Malik	Allied Health Sciences	International Journal of Engineering and Management	2025	2583-6129
Current Practice of using TMS as an Adjunct in the management of Sleep Apnea: A Systematic Review	Rajni, Dr. Priyanka Dangi, Dr. Narkeesh Arumugam	Allied Health Sciences	Indian Journal Of Applied Research	2025	2249-555X
The use of AI and Machine Learning in Injury Risk Predictions and Analyzing movements- A Narrative Review	Aniket, Ishu Verma, Ishaan Gupta, Divya Midha, Narkeesh Arumugam	Allied Health Sciences	International Research of Novel Research and Development	2025	2456-4184
Effect of focused shockwave therapy in knee osteoarthritis: A case study	Simran, Divya Midha, Ishu Verma, Manisha, Narkeesh Arumugam	Allied Health Sciences	Journal of Medical Science and Clinical Research	2025	2455-0450
The use of Artificial Intelligence in Medical Technology	Seema Rani, Satyam Kumar, Sajad Ahmed Malik	Allied Health Sciences	International Journal of Engineering and Management	2025	2583-6129
Unveiling Novel Biomarkers: A Critical Review on 16S rRNA-Based Exploration of Oral Microbiota in Children with New-Onset Type 1 Diabetes	Safican Bano*1, Atul Khajuria*2, Dr. Parveen Bansal*3	Allied Health Sciences	YMER	2025	0044-0477
Oral Microbiota Signatures and Their Association with Clinical Biomarkers in Pediatric Type 1 Diabetes: A 16S rRNA Gene-Based Comparative Analysis	Safican Bano*1, Atul Khajuria*2, Dr. Parveen Bansal*3	Allied Health Sciences	YMER	2025	0044-0478

A prospective investigation into seroma monitoring and skin flap anchoring following Mastectomy	Aniyat Ullah Sheikh,Rufaida Binta Jalal,Atul Khajuria,Deepanshu Sharma,	Allied Health Sciences	Research and Reviews : Journal of Surgery	2025	2319-3425
Patient Perceptions and Acceptance of Digital Radiography and Teleradiology in India: A Mixed-Methods Study	Shruti, Rufaida Binte Jalal,Lalita Saini	Allied Health Sciences	<u>Interdisciplinary Journal of the African Alliance for Research, Advocacy and Innovation</u>	2025	3093-4664
A STUDY OF MULTIDETECTOR COMPUTED TOMOGRAPHY UROGRAPHY IN URINARY TRACT ABNORMALITIES	1Ms. Arbila Batool, 2Ms. Shruti, 3Ms. Lalita Saini 4Aadil Mushtaq and 5Parveen Bansal	Allied Health Sciences	Quintessential Journal	2024	2584-0185
Effect of Fascial Distortion Models and Cellular Matrix Rhythm Therapy on the Levels of Nociception in the Individuals with Chronic Myofascial Neck Pain	Harmanpreet Kaur1, Kani Mozhi2, Divya Midha 3, Narkeesh Arumugam4	Allied Health Sciences	Quintessential Journal	2024	2584-0185
Effect of Repetitive Transcranial Magnetic Stimulation in Attention Deficit Hyperactivity Disorder in Response to Attention and Motor skills in School Going Children	Akshata Shinde (1),Kani Mozhi(2), Divya Midha (3), Narkeesh Arumugam(4)	Allied Health Sciences	Quintessential Journal	2024	2584-0185
Evaluation of Cardiac Biomarkers for Early Diagnosis and Prognosis in Acute Myocardial Infarction: A Prospective Study	Mr. Gagandeep Singh, Musaib Shameem and Parveen Bansal	Allied Health Sciences	Quintessential Journal	2024	2584-0185
A Review on Awareness and Barriers for Screening of Cervical Cancer with special reference to Rural Women in India	Thakur S1, Kani Mozhi (2), Divya Midha (3)	Allied Health Sciences	Quintessential Journal	2024	2584-0185
Study of Patients with HIV Presenting with Surgical Emergencies	Musaib Shameem*, Mahesh Gaba** and Parveen Bansal***	Allied Health Sciences	Quintessential Journal	2024	2584-0185
Hazards in MRI Settings: A Cross-Sectional Study of Adverse Incidents and Risk Factors in Diagnostic Centers across Punjab	1Shruti, 2Aadil Mushtaq and 3Parveen Bansal	Allied Health Sciences	Quintessential Journal	2024	2584-0185
EVALUATION AND COMPARISON OF GLASGOW COMA SCALE AND COMPUTERISED	1Ms. Simran Kaur, 2Ms. Shruti, 3Ms. Lalita Saini, 4Aadil Mushtaq and 5Parveen Bansal	Allied Health Sciences	Quintessential Journal	2024	2584-0185

	TOMOGRAPHY IN CRANIOCEREBRAL TRAUMA OUTCOME PREDICTION					
	COMPARISON OF POST OPERATIVE NAUSEA AND VOMITING WITH PROPOFOL VERSUS ISOFLURANE USED IN MAINTENANCE OF GENERAL ANESTHESIA FOR LAPROSCOPIC CHOLECYSTECTOMY: A PROSPECTIVE OBSERVATIONAL STUDY	Zubair Rashid*, Abrar Khanday**, and Parveen Bansal***	Allied Health Sciences	Quintessential Journal	2024	2584-0185
	Retrospective assessment of Practice of radiation protection in fluoroscopy	1Ms. Mansi Vashisht, 2Ms. Shruti, 3Ms. Rufaida Binte Jalal, 4Aadil Mushtaq and 5Parveen Bansal	Allied Health Sciences	Quintessential Journal	2025	2584-0185
	Investigating How Neutrophils Contribute to the Body's Defense against Infections	Musaib Shameem*, Mahesh Gaba** and Parveen Bansal***	Allied Health Sciences	Quintessential Journal	2025	2584-0185
	Evaluation of Patient Satisfaction during and After an MRI Examination	1Ms. Sehar Zari, 2Ms. Shruti, 3Ms. Lalita Saini 4Aadil Mushtaq and 5Parveen Bansal	Allied Health Sciences	Quintessential Journal	2025	2584-0185
	Evaluating MRI Safety Compliance in Punjab: Awareness, Adherence to Guidelines, and Institutional Preparedness	Shruti *, Ms.Vaishali,** Mr.AAdil Mushtaq*** Haadi Bhat****, and Parveen Bansal*****	Allied Health Sciences	Quintessential Journal	2025	2584-0185

Books :

Lifestyle Disorders : from Risk Factors and Mechanisms to pharmacological and Clinical management by Dr Arti Thakur , Mr Gagandeep Singh , Prof .Dr Mahendra kumar verma.

Sr.No.	Chapter Title	Faculty Name
Part -A.	Concepts, Mechanisms, Control & Prevention of Lifestyle Disorders	Dr. Parveen Bansal, Dr. Arti Thakur
1.	Introduction to Lifestyle Disorders	Dr. Parveen Bansal, Dr. Arti Thakur
2.	Determinants of Lifestyle Disorders	Dr. Arti, Dr. Parveen Bansal

3.	Pathophysiology of Lifestyle Disorders	Mr. Satyam, Dr. Stephen Monday
4.	Risk Assessment and Early Detection	Mr. Mahesh, Ms. Seema Rani
5.	Obesity and Metabolic Syndrome	Dr. Shayasta, Dr. Ishaan
6.	Type 2 Diabetes Mellitus	Mr. Gagandeep, Dr. Atul Khajuria
7.	Hypertensions	Mr. Zubair Rashid, Mr. Satyam
8.	Cardiovascular Diseases (CVDs)	Ms. Rufaida Binte Jalal, Mr. Adil Musfataq
9.	Dyslipidemia	Dr. Atul Khajuria, Mr. Gagandeep
10.	Chronic Respiratory Disorders	Ms. Lalita Saini, Mr. Adil Musfataq
11.	Cancer and Lifestyle Factors	Shruti, Ms. Lalita Saini
12.	Non-Alcoholic Fatty Liver Disease (NAFLD)	Ms. Rufaida Binte Jalal, Shruti
13.	Osteoporosis and Bone Health	Dr. Mitali, Dr. Kanimohzi
14.	Neurological and Cognitive Disorders	Mr. Aniyat, Mr. Aasif
15.	Mental Health Disorders	Mr. Musaib Dar, Ms. Seema Rani
16.	Polycystic Ovary Syndrome (PCOS)	Mr. Deepanshu Sharma, Aasif
17.	Digestive System Disorders and Lifestyle	Zubair Rashid, Mr. Deepanshu Sharma
18.	Addiction and Lifestyle Disorders	Dr. Navneet, Dr. Anandita
19.	Nutrition and Diet Therapy	Ms. Vaishali, Mr. Musaib Dar
20.	Exercise Prescription	Dr. Dhruv, Dr. Ishaan
21.	Stress Management and Mind-Body Practices	Dr. Shayasta, Dr. Shaivi Thakur (PT)
22.	Sleep and Circadian Health (sleep disorders and Lifestyle)	Dr. Ishu, Dr. Divya Midha
23.	Substance Abuse and Lifestyle Modification	Mr. Jasir, Mr. Aniyat
24.	Digital Health and Lifestyle Management	Dr. Simran Kaur (PT), Dr. Shayastas
25.	Physiotherapy Management and Prevention of Lifestyle Disorders	Dr. Mitali, Dr. Kanimohzi
26.	Workplace Wellness and Occupational Health	Dr. Stephen Monday, Ms. Vaishali

27.	Public Health Approaches to Lifestyle Disorders	Mr. Mahesh,Mr.Aniyat
28.	Future Directions in Lifestyle Medicine	Dr. Navneet, Dr. Anandita
29.	Integrative and Complementary Approaches in Lifestyle Medicine	Dr. Priyanka Dangi, Dr. Shaivi Thakur,Dr. Ishu
30.	Economic and Social Burden of Lifestyle Disorders	Dr. Priyanka, Dr. Shaivi Thakur
31.	Meditation, Mindfulness, and Behavioral Strategies	Dr. Shaivi Thakur, Dr. Priyanka

Advisory Board & Collaborations

Advisory Board :

Collaborations

Allied Health Sciences	Livasa Hospital	Desh Bhagat University	2025	2 years	OT Lab- Observation of laprotomy, Hematology Lab- Blood sampling, Radiodiagnostic unit- Observation of MRI, CT scan and Xray machine and its working SOP, IPD- Patient observation on ventilator	50 students, 2 faculty (ms shruti,mr aniyat)
	Fortis Hospital, SAS Nagar	Desh Bhagat University	2024	2 years		
	Apollo Hospital, Ludhiana	Desh Bhagat University	2024	2 years		

Placements & Internships

Internships

1.	Shabir Ahmad Nengroo	23390462003	BRIT	5th JI
2.	Akif Hameed	23390462002	BRIT	5th JI
3.	Musaib Amin	23390462001	BRIT	5th JI
4.	Sheikh Aasif Majutaba	23390435001	BAOT	5th JI
5.	Tajamul Farooq	23390435002	BAOT	5th JI
6.	JASPREET KAUR	23392374029	DMLT	5th
7.	AJAY KUMAR	23392374015	DMLT	5th
8.	Saqib Rashid	22390373007	BMLT	Pass out

9.	Aadil aziz dar	23341313003	BMLT	pass out
10.	PRASHANT KUMAR	23392374070	DMLT	5th
11.	Manpreet Kaur	23392374056	DMLT	5th
12.	Mandeep Kaur	23392374046	DMLT	5th
13.	Manpreet Kaur	23392374021	DMLT	5th
14.	jyoti	23392374068	DMLT	5th
15.	Mandeep Kaur	23392374039	DMLT	5th
16.	Ravinder Kaur	23392374059	DMLT	5th
17.	manjot kaur	23392374007	DMLT	5th
18.	Gagan	23392374054	DMLT	5th
19.	PARMJEET KAUR	23392374044	DMLT	5th
20.	Rani	23392374024	DMLT	5th
21.	Suman kumari	23392374026	DMLT	5th
22.	Sadhna	23392374033	DMLT	5th
23.	saurav singh thakur	22390373012	BSC MLT	pass out
24.	vishal mahajan	22390373026	BSC MLT	pass out
25.	Neelu	23392374047	DMLT	5th
26.	Sameer kumar	22390373015	Bsc MLT	pass out
27.	Musaib javid	22390373009	Bsc Mlt	passout
28.	Javid Ahmad Rather	22390373006	Bsc mlt	pass out
29.	Durgesh	23392374036	DMLT	5th
30.	Raqib zahoor	22390435001	B.Sc OTT	pass out
31.	Pawankumar	22390435068	Bsc Ott	Pass out
32.	Sharanjeet singh	23392374079	DMLT	5th
33.	Anjali Devi	23392335027	DOTT	5th
34.	Arshdeep kaur	23392335003	Dott	5th
35.	harshpreet kaur	23392335016	DOTT	5th
36.	zahid Bashir	22390435003	bsc ott	pass out
37.	suzain farooq	22390435012	Bsc OTT	passout
38.	Monika	23392335032		5th
39.	Aman reza	22390373013	Bsc mlt	Pass out
40.	Aman reza	22390373013	Bsc mlt	Pass out
41.	kamaljeet kaur	23392335021	DOTT	5th sem