

	HITEC - Institute of Medical Sciences		
	Internal Office Note		
	ESTB-FORM-08	ISSUE # 01	ISSUE DATE: 01-12-2020

Department: Research Cell

Subject: Research Projects (Completed + Ongoing) (2021-2023)

1. As part of the research culture program that started in July 2021, all departments were instructed to lead one research project in their department under the guidance of the research cell. These projects have been started and are at different stages now.
2. A list of all completed and ongoing research projects by faculty being facilitated by the research cell is given below: -

Serial no.	Research Topic	Department	Faculty involved	Stage of Project
1.	Students' Perceptions and Practices regarding Clinical lectures in First two years of integrated teaching at HITEC-IMS and its relation with academic performance	Community Medicine	Maj. Gen. Hamid Shafiq Dr. Aashi Ahmad Dr. Anwar Bibi Dr. Nadia Nisar Dr. Bushra Anwar Dr. Saima Umair Dr. Ayesha Javed Dr. Bilal Dr. Warda	Published in "Pakistan Journal of Medical & Health Sciences"
2.	Morphometrical analysis of femoral surface in dry human tibia	Anatomy	Dr. Asma Hafeez Dr. Iram Zakria Dr. Ayesha Fatima Dr. Anum Khalid	Data Analysis in the process
3.	Academic motivation in undergraduate medical students, a prospective study	Anatomy	Dr. Iram Tassaduq Dr. Maleeha Zafar Dr. Asma Naeem Dr. Warda	Submitted in "Pakistan Journal of Medical & Health Sciences"
4.	Physiotherapy exercises in VBAC patients.	Physiotherapy, Gyne/OBS, Radiology	Dr. Tanzeela Uzair (Physiotherapy) Dr. Beenish (Physiotherapist) Dr. Mahwash Jamil (Gyne/OBS)	Data Collection in the process



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			Dr. Rabia Waseem (Radiology)	
5.	Comparison of student's academic performance in online and face to face teaching of Biochemistry at HITEC-IMS TAXILA	Biochemistry	Prof. Dr. Shahid Rauf Dr. Ambreen Faisal Dr. Raheela Yasmin Dr. Ummara Aslam Dr. Ali Imran Dr. Zainab Hassan Dr. Sumaira Rehman Dr. Maria Rauf	Published in "Pakistan Journal of Medical & Health Sciences"
6.	Comparative analysis of incidence of Hypotension in Phenylephrine Prophylactic VS Therapeutic use in spinal anaesthesia patients at HITEC IMS	Pharmacology Anesthesia	Prof. Dr. Munir Ahmad Dr. Sonia Riaz (Anesthesia) Dr. Urooj Zaidi Mr Hamza Saeed Dr. Hira Sharif Prof Dr Naila Abrar Prof. Dr. Amanat (Anesthesia) Ms. Bushra Taskeen Dr. Yusra Zia Dr. Ujala Shaheen	Manuscript Sent for Publication
7.	Comparison between Online and On campus CBL sessions: Perception of students and teachers in a Private Medical College	Physiology	Dr. Sidra Jabeen Dr. Sidra Afzal Dr. Mehwish Ashfaq Professor Dr. Zubia Razzaq	Manuscript accepted for publication in "Pakistan Journal of Physiology"



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8.	Variation in Haematological Parameters due to Tobacco Cigarette Smoking in Healthy Male Individuals	Pathology	Prof. Farhat Abbas Bhatti Dr. Sunia Ghaffar Dr. Radia Dr. Nazia Siddiqui Prof. Dr. Alia Zubair Dr. Shahida Mushtaq Dr. Ambreen Zafar Dr. Sabahat Rehman Dr. Kehkehsan Dr. Fatima Dr. Samra	Published in “The Professional Medical Journal”
9.	Knowledge, Attitude and Practice Towards Cervical Cancer Screening Among Health Care Professionals In a Tertiary Care Unit	Gyne/ Obs	Dr Fehmida Dr Mahwash jamil Dr Ayesha Akram Dr Rukhsana Afzal Dr Adeela Amin Dr Tanzeela Aftab Dr. Tahira Jabeen Dr. Nida Khan Dr. Sumaira Bibi	Submitted in “The Professional Medical Journal”
10.	Perceived stress among caregivers of children with chronic illness	Pediatrics Psychiatry	Prof. Brig Dr. Nazir Malik Dr. Bushra Babar Dr. Somayya Siddiqua Dr. Komal Anjum	Data Collection in the process
11.	Incidence of astigmatism after Phacoemulsification cataract surgery at HITEC-IMS Taxila	Eye	Prof. Dr. Shehzad Waseem Dr. Amna Malik Dr. Dilshad Dr. Haroon	Manuscript Sent for Publication in “Fouji Foundation Health Journal”
12.	Correlation between the duration of nonspecific low back pain and severity of radiological findings on Plain X ray Lumbosacral spine	Radiology	Dr. Rabia Waseem Dr. Kulsoom Dr. Tayyaba	Data analysis in phase



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13.	Comparison of lateral approach with the conventional midline approach in non-recurrent Thyroid surgery	Surgery & Allied	Dr. Arsalan Siraj Dr. Farooq	Data Collection in the process
14.	Relationship between Fingerprints and IQ and EQ among medical students at HITEC IMS	Forensic medicine	Prof. Dr. Romana Dr. Muhammad Dr. Amna Zafar Dr. Sehar Rizvi	Manuscript Sent for Publication in “Fouji Foundation Health Journal”
15.	Frequency of raised Mean Platelet volume in patients with acute Myocardial Infarction in HIT hospital Taxila	Medicine & Allied	Prof Khalid Mehmood Tariq Prof Syed Wasim Akhtar Dr Faiza Batool Dr Kausar Malik Dr. Tooba Iqbal Dr Shahid Khan Dr Hassan Burair Dr Huma Zafar	Manuscript Sent for Publication in “Journal of Rawalpindi Medical College”
16.	Anxiety and depression among caregivers of psychiatric patients and their coping mechanisms	Psychiatry	Dr. Sundus Fatima Ms. Fatima Assad Dr. Hamza Noor	Manuscript is Completed, and ready for publication
17.	Prevalence of hearing loss in industrial workers of Taxila	ENT	Prof Dr Syed Shaukat Dr Farhan Ahmed Dr M Aslam Dr Hafiza Zobaia Dr. Sadaf Riffat	Data Analysis done
18.	Hematological variables as predictive markers for control of glucose levels and complications in type 2 diabetes patients.	Pathology	Dr. Shahida Mushtaq Dr. Hasan Burair Dr. Nazia Siddiqui Dr. Ambreen Zafar Prof. Dr. Wajeaha Mahjabeen	Approved by IRB



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19.	To find out the prevalence of astigmatism in myopic patients	Eye	Dr.Shahzad Waseem Dr.Dilshad Alam Khan Dr.Rabia Ashraf Dr.Salma Ambreen Prof.Dr.Haroon Javaid	Approved by IRB
20.	The choice of the methodology for scaffolding the concepts of anatomy: the learner's perspective triangulated with academic performance	Anatomy	Dr. Maleeha Zafar Prof. Dr. Iram Tassaduq Dr. Iram Zakria Dr. Anum Khalid Dr. Asma Naeem Dr. Saqib Dr. Ayesha Fatima Dr. M. Hamza Prof. Dr. Asma Hafeez	Approved by IRB
21.	Types of dietary fat intake (oil / ghee / butter) and the risk of coronary heart disease in general community.	Community Medicine	Dr Aashi Ahmed Dr Nadia Nisar Rameen Ejaz Muhammad Faisal Asghar Quratulain Alam Kunzil Fatima	Approved by IRB
22.	Correlation of hrct with blood prognostic markers in covid-19 patients	Physiology	Dr. Sumera Mumtaz Dr. Rabia Waseem Butt Dr. Radia Amir Prof. Dr. Farhat Abbas Bhatti Prof. Dr. Zubia Razzaq Prof. Dr. Aneeqa Shahid	Data Collection Phase



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23.	Relationship between the pattern of fingerprints and blood groups	Forensic Medicine	Dr Maria Sattar Dr Rubace Fatima Dr Woshah Zafar Dr Muhammad Asif Shahab Dr Romana Masood	Approved by IRB
24.	Comparison of membrane sweeping versus no sweeping on successful initiation of labor and vaginal birth after one cesarean section in tertiary care hospital	Gynae / Obs	Prof Dr. Fehmeeda Shaheen Dr. Nida Khan	Approved by IRB
25.	Prevalence of vit d deficiency in type- 2 diabetic patients and its correlation with macro and micro vascular complications; a multi-center study.	Biochemistry	Dr Raheela Yasmin, Dr Sana Umar Dr Ayesha Javed Dr Ummara Aslam Dr Ambreen Javed Dr Sumaira Rehman Dr Shahid Rauf	Approved by IRB