

NIMRA INSTITUTE OF MEDICAL SCIENCES

TEACHING HOSPITAL & RESEARCH CENTRE

NIMRA NAGAR, JUPUDI VILLAGE, IBRAHIMPATNAM MANDAL, NTR DISTRICT, AP – 521 456

Details of Funded Research Projects of MBBS students

S NO	INVESTIGATOR(S)	DEPARTMENT	TITLE	Institute /University	Grants Received
1	Ms.Shaik Mahaboobi, Dr.T.Santhi Tadi	Biochemistry	Study of uric acid and electrolytes for the detection of endothelial dysfunction in hypertension patients.	ICMR	Rs.10,000
2	Ms Sanjana, Dr.G.Jayaram,	Physiology	Association of QTc interval with C-reactive protein levels in hypertensive patients	ICMR	Rs.10,000
3	Ms.Shaik Arif, Dr.P.Adi Lakshmi	Physiology	Association of HbA1c with red cell distribution width, mean platelet volume, activated partial prothrombin time prothrombin time in type II diabetes mellitus-cross sectional analytical study	Dr NTRUHS	Rs.10,000
4	Mr.Mohammed Shukoor Ahamed Baig, Dr.K.Balu Mahendran	Biochemistry	Study of interleukin - 6 and lipid profile Parameters for the detection of endothelial Dysfunction in hypertensive patients	Dr NTRUHS	Rs.10,000
5	Anisa Kausar Shaik, Dr.Santhi Tadi,	Biochemistry	Study of vitamin D status and its association with C-reactive protein in patients with sepsis	Dr NTRUHS	Rs.10,000
6	Ms.Rajput Sanjana Singh, Dr.Gandham Jayaram,	Physiology	Study of leptin in associated with albuminuria in pregnancy induced hypertension	Dr NTRUHS	Rs.10,000
7	Ms.Mohammed Fayiza Afhar, Dr.P.Ashok Teja,	General Surgery	Current trends in management of diabetic foot Ulcer (DFU)	Dr NTRUHS	Rs.10,000
8	Ms.Muneer Fathima, Dr.M.A.Rahman	Paediatrics	A comparative study of estimation of blood glucose levels in a full-term baby who are born by normal vaginal delivery and lower segment Caesarean section	Dr NTRUHS	Rs.10,000

9	Ms.Ayesha Sultana S.M, Dr.T.SANTHI,	Biochemistry	Association of liver enzymes and endothelin-1 levels in pregnant women with preeclampsia	Dr NTRUHS	Rs.10,000
10	Ms.Shaheen Sulthana, Dr.V.Krishna Murthy,	Biochemistry	Evaluation of TAG/HDL ratio and APO B48/B 100 ratios as the indicators of LDL particle size and hepatocellular damage in chronic liver diseases	Dr NTRUHS	Rs.10,000
11	Ms.Ragna Zulaitha A M, Dr.Amrin,	Obstetrics & Gynaecology	Study of lipid profile high and normal body mass index in polycystic ovary syndrome women in a rural Vijayawada	Dr NTRUHS	Rs.10,000
12	Ms.Yoga Pingala JB, Dr.K.Vijaya Sekhar, Prof & HOD,Ophthal	Ophthalmology	Influence of electronic devices on the eyes in the modern age	Dr NTRUHS	Rs.10,000
13	Ms.Uzma Farhana, Dr.G.Jayaram	Physiology	Effect of overnight sleep deprivation on autonomic function test and perceived stress in young health volunteers of medical professionals	Dr NTRUHS	Rs.10,000
14	Ms.Farheen Naaz, Dr.Ashraf	Pulmonology	Evaluating the technique of using metered dosage inhaler (MDI) and dry powder inhaler (DPI) in patients with respiratory disease	Dr NTRUHS	Rs.10,000
15	Ms.Anisa Kausar Shaik, Dr.Vinid Babu	Community Medicine	Prevalence of hypertension in a rural community	Dr NTRUHS	Rs.10,000
16	Ms.Mohammed Fayiza Athar, Dr. P.ASHOK TEJA,	General surgery	Current trends in the management of diabetic foot ulcer	Dr NTRUHS	Rs.10,000
17	Ms. Shaik Arif, Dr.S.Shyamala Devi	Obstetrics & Gynaecology	Prospective study of platelet count as a prognostic marker in predicting fetomaternal outcome in gestational hypertension	ICMR	Rs.50,000

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LIST OF ONGOING RESEARCH PROJECTS

S. NO	NAME OF THE FACULTY MEMBER	DEPARTMENT	NAME OF THE STUDENT/SCHOLAR	TITLE OF THE RESEARCH WORK	INSTITUTE /UNIVERSITY	YEAR
1.	Dr. G LAKSHMI SAILAJA	OPHTHALMOLOGY	Mr. SYED MOHAMMED TOUSIFUR RAHAMAN	Screen time and paediatric eyes: investigating the effect of digital devices on paediatric eye health	ICMR	2024
2.	Dr. Mohammed Abdul Rahamn	PAEDIATRICS	Ms. Anisa Kausar Shaik	Anemic Prevalence Associated Risk Factors Correlated with Hygiene Practices in Rural School Children – A Cross-sectional Study	ICMR	2024
3.	Dr. RAMYA GUNDAPANENI	OPHTHALMOLOGY	Ms. SYED RANIM	Omega-3-fatty acids as a potential adjunctive therapy for meibomian gland dysfunction	ICMR	2024

4.	Dr. SUNIL KUMAR K	PSYCHIATRY	Ms. ARZOO MEHVISH	From screen to social isolation: the impact of excessive screen time on children resulting in virtual autism	ICMR	2024
5.	Dr. KRUPA DANIEL DOKIPARTY	ANATOMY	Mr. Mohammed Yusuf Gate	A study of the development and acceptance of the scale for assessment of high-risk findings of the splenic artery branching pattern with bi-lobed spleen for clinical validation	ICMR	2024
6.	Dr.S.BabuLal	PULMONOLOGY	Mr.Aqueel Ahammed Khan	Assessment of biomass fuel exposure on lung function and COPD risk in non-smoking female population of rural Vijayawada	ICMR	2024
7.	Dr. MUBEEN FATHIMA MOHAMMED	PSYCHIATRY	Mr. REHAN RAYLIWALE	Prevalence of alcohol abuse and the factors influencing alcoholism among medical students	ICMR	2024

8.	Dr. RAVI MUNI K	FORENSIC MEDICINE	Ms. Vyshnavi Ambula	Assessment of psychological stress influencing organo phosphate poisoning willingness in low scholastic medical graduates	ICMR	2024
9.	Dr. SIVA RANJAN REDDY D	PATHOLOGY	Mr. ABUL SADIQ TARIGONDA	Comparative measurement and prognostic significance of neutrophil-lymphocyte ratio, neutrophil-platelet ratio, and neutrophil-lymphocyte and platelet ratio in patients with dengue fever and it's outcome.	ICMR	2024
10.	Dr. SRINIVASA RAO MAJETI	PAEDIATRICS	Ms. RIDA HYDER	A study of neonatal jaundice among newborns who are born in a tertiary care teaching hospital	ICMR	2024
11.	Dr. MANASA R	PATHOLOGY	Ms. SHAIK HASHMI ZAKIYA FARHEEN	Prevalence of Fibroids: A Survey among women around	ICMR	2024

				Vijayawada, Andhra Pradesh, India		
12.	Dr. Venkateswarlu Ketha	MICROBIOLOGY	Mr. Azmathulla Shaik	Detection and prevalence of chronic HBV patients in and around tertiary care and teaching hospital	ICMR	2024
13.	Dr. SRINIVAS KARRI	MICROBIOLOGY	Mr. SALEEM SHAIK	Bacteriological profile and antibiotic sensitivity pattern with special reference to beta lactamase and carbapenemase resistance in paediatric septicemia cases	ICMR	2024
14.	Prof. MADABHUSHI VENUGOPAL	PATHOLOGY	Mr. shaik mohammad jabbar	Role of neutrophil lymphocyte ratio as a prognostic marker in dengue fever	ICMR	2024
15.	Dr. Kumar swamy Rajar	COMMUNITY MEDICINE	Mr. Yaseen shareef Syed	The impact of problematic mobile phone use and the number of close friends on mental health and communication skills among 2nd	ICMR	2024

				year medical students in vijayawada, Andhra pradesh		
16.	Dr. Koganti Vinay Babu	COMMUNITY MEDICINE	Mr. NAVED FAZAL	High Blood Pressure in Rural Communities: Understanding Prevalence and Implications	ICMR	2024

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LIST OF COMPLETED RESEARCH PROJECTS

S NO	TITLE	REF NUMBER	DEPARTMENT	SPONSOR OF THE PROJECT	INVESTIGATOR(S)
1	Study of uric acid and electrolytes for the detection of endothelial dysfunction in hypertension patients.	2018-05688	Biochemistry	ICMR	Ms.Shaik Mahaboobi, 2 nd MBBS, Dr.T.Sanathi Tadi, Prof of Biochemistry
2	Association of QTc interval with C-reactive protein levels in hypertensive patients	2018-Phy	Physiology	ICMR	Ms Sanjana, 2 nd MBBS, Dr.G.Jayaram, Prof of Physiology
3	Association of HbA1c with red cell distribution width, mean platelet volume, activated partial prothrombin time prothrombin time in type II diabetes mellitus-cross sectional analytical study	22M335	Physiology	Dr YSRUHS	Ms.Shaik Arif, 1 ST YR M.B.B.S. Dr.P.Adi Lakshmi Asst Prof of Physiology
4	Study of interleukin - 6 and lipid profile	22M336	Biochemistry	Dr YSRUHS	Mr.Mohammed Shukoora Ahamed Baig, 1 ST YR M.B.B.S. Dr.K.Balu Mahendran

	Parameters for the detection of endothelial Dysfunction in hypertensive patients				Assoc Prof of Biochemistry
5	Study of vitamin D status and its association with C-reactive protein in patients with sepsis	22M337	Biochemistry	Dr YSRUHS	Anisa Kausar Shaik, 1 ST YR M.B.B.S. Dr.Santhi Tadi, Prof of Biochemistry
6	Study of leptin in associated with albuminuria in pregnancy induced hypertension	22M339	Physiology	Dr YSRUHS	Ms.Rajput Sanjana Singh, 2 nd MBBS, Dr.Gandham Jayaram, Prof of Physiology
7	Current trends in management of diabetic foot Ulcer (DFU)	22M340	General Surgery	Dr YSRUHS	Ms.Mohammed Fayiza Afhar, Final Yr MBBS, Dr.P.Ashok Teja, Asst.General Surgery
8	A comparative study of estimation of blood glucose levels in a full term babies who are born by normal vaginal delivery and lower segment Caesarean section	22M353	Paediatrics	Dr YSRUHS	Ms.Muneer Fathima, Final year Dr.M.A.Rahman Prof of Paediatrics
9	Association of liver enzymes and endothelin-1 levels in pregnant	23M331	Biochemistry	Dr YSRUHS	Ms.Ayesha Sultana S.M, 1 ST YR MBBS, Dr.T.SANTHI, Professor of Biochemistry

	women with preeclampsia				
10	Evaluation of TAG/HDL ratio and APO B48/B 100 ratios as the indicators of LDL particle size and hepatocellular damage in chronic liver diseases	23M324	Biochemistry	Dr YSRUHS	Ms.Shaheen Sulthana, Final MBBS, Dr.V.Krishna Murthy, Prof of Biochemistry
11	Study of lipid profile high and normal body mass index in polycystic ovary syndrome women in a rural Vijayawada	23M325	Obstetrics & Gynaecology	Dr YSRUHS	Ms.Ragna Zulaitha A M, Final MBBS, Dr.Amrin, Asst. Prof of OBG
12	Influence of electronic devices on the eyes in the modern age	23M326	Ophthalmology	Dr YSRUHS	Ms.Yoga Pingala JB, Final MBBS, Dr.K.Vijaya Sekhar, Prof & HOD,Ophthal
13	Effect of overnight sleep deprivation on autonomic function test and perceived stress in young health volunteers of medical professionals	23M327	Physiology	Dr YSRUHS	Ms.Uzma Farhana, Final MBBS, Dr.G.Jayaram, Prof & HOD, Physiology
14	Evaluating the technique of using metered dosage inhaler (MDI) and dry powder inhaler	23M329	Pulmonology	Dr YSRUHS	Ms.Farheen Naaz, Final MBBS, Dr.Ashraf, Asst Prof. Pulmonology

	(DPI) in patients with respiratory disease				
15	Prevalence of hypertension in a rural community	23M330	Community Medicine	Dr YSRUHS	Ms.Anisa Kausar Shaik, 2nd MBBS, Dr.Vinid Babu, Prof & HOD, Comm Med.
16	A Study of prevalence of mental health issues in undergraduate students of medical college: A cross sectional study	2023-PSY.02	Psychiatry	DEPARTMENTAL	Dr. Mubeen Fathima, Asst.Prof Psychiatry
17	The effects of Bigorexia nervosa on eating habits: A study on undergraduate medical students in south India	2023-PSY.01	Psychiatry	DEPARTMENTAL	Dr. Mubeen Fathima, Asst.Prof Psychiatry
18	Current trends in the management of diabetic foot ulcer	2022-GS-01	General surgery	Dr YSRUHS	Ms.Mohammed Fayiza Athar, Final MBBS, Dr. P.Ashok Teja, Associate Prof. General surgery.
19	Prospective study of platelet count as a prognostic marker in predicting foeto-maternal outcome in gestational hypertension	2023-11086	Obstetrics & Gynaecology	ICMR	Ms. Shaik Arif, 2nd MBBS, Dr.S.Shyamala Devi Professor & HOD,OBG

20	Study on asymptomatic bacteriuria in pregnancy, prevalence, etiology and it's fetomaternal outcome	2023-05498	Obstetrics & Gynaecology	DEPARTMENTAL	Ms. Shaik. Bathul, 2 nd MBBS, Dr. Amrin Asst. Professor of OBG
21	Neutrophil lymphocyte ratio and glycaemic regulation in type 2 diabetes	2023-13582	Biochemistry	ICMR	Mr.Mohammed Yusuf Gate, 1 st MBBS, Dr. Shabana Shireen, Prof & HOD, Biochemistry
22	Diabetic Retinopathy and Visual changes depending on Blood Sugar levels- a comparative study.	2023-05581	Ophthalmology	DEPARTMENTAL	Mr. Kommu Prem Adithya, 2 nd MBBS, Dr.K.Vijaya Sekhar, Prof & HOD,Ophthal
23	Maternal Hemoglobin and its effect on Birth Weight & Gestational Age of Newborn: A Hospital based Study	2023-04250	Paediatrics	DEPARTMENTAL	Ms. Anisa Shaik Kausar, 1 st MBBS, Dr. Rahman M A, Prof &HOD, Paediatrics
24	Complications after thyroid surgery: A prospective study in a tertiary care hospital	2023-09440	General surgery	DEPARTMENTAL	Ms.Uzma Farhana, Final MBBS, Dr. Ashok Teja P, Asst Prof. General surgery
25	A study on serum zinc	2023-11166	Biochemistry	DEPARTMENTAL	Mr.Yaseen Shareef Syed,

	level in type ii diabetes mellitus and its role in the development of complications				1 st MBBS, Prof. Santhi Tadi, Prof, Biochemistry
26	Assessment of knowledge regarding child abuse amongst parents in rural Vijayawada mandal	2023-FM-01	Forensic Medicine	DEPARTMENTAL	Dr RaviMuni, Professor & HOD of Forensic Medicine
27	Maternal BMI and Hb for the Prediction of Placental Weight and Neonatal outcome	2023-Paed	Paediatrics	University	Ms.Suchetana Datta Dr.M.A.Rehman Professor & HOD of Pediatrics
28	Adolescent's Perception of their bodies, impacting their mental health: A cross sectional study in the undergraduate medical students	2023-Psy	Psychiatry	University	Faziya Athar Dr.Mohammed Mubeen Fathima,
29	Study on effects of Fenugreek Seed soup on Blood glucose, Lipid profile and weight in type 2 diabetes mellitus	2023-Phar	Pharmacology	University	Ms.Shaik Asha Bee Dr.M.Rajitha
30	Study of Haematological profile of type	2023-	Pathology	University	Ms.Arif Shaik Dr.Subba Rao

	II diabetic patients as tool to predict early renal failure				
31	Aspects that are causing health issues among people of different age groups, their treatment and preventive methods	2023-SPM	Community Medicine	University	Mr.Mohammad Ghiyasuddin Hussain Dr.P.Kumar Swamy Raja
32	To evaluate anemia and hematological parameters in patients with abnormal uterine bleeding	2023-Path	Pathology	University	Mr.Mohammad Ismail Baig Dr.Jyostna Latha Pala.

DR. MAHABOOB V SHAIK, *Ph.D, PGDBI, PDF*
HEAD, RESEARCH & DEVELOPMENT