

In-house R & D Student Projects

Serial No	Year of Sanction	Name of the Project	Project Guide	Amount Sanctioned
1.	2021-2022	DESIGN OF IIOT BASED ASSEMBLY LINE MANUFACTURING PROCESS USING SELECTIVELY COMPLIANT ASSEMBLY ROBOTIC ARMS.	Dr. Mohammed Arifuddin Sohel, Professor and Head, ECED, MJCET Mr. Mohammed Noorullah Khan, Asst. Professor, ECED, MJCET Ms. Shaik Najmah Parveen, Alumni, ECED, MJCET Mr. Sameer, Alumni, ECED, MJCET	Rs. 98,115
2.	2020-2021	SMART OXYGEN CONCENTRATOR	Dr. Mohammed Arifuddin Sohel, Head, ECED Dr. Mohammed Abdul Raheem, Asst. Professor, ECED Mr. Mohammed Muneeruddin, Asst. Professor, ECED	Rs. 49,915/-
3.	2019-20	LAIRA (GIMMIC 3.0)- LOW END ARTIFICIAL	Dr. Mohammed Arifuddin Sohel, Professor &	Rs. 75,184/-

		INTELLIGENCE ROBOTICS ASSISTANT	Head, ECED Mrs. B. Sucharita, Assistant Professor, ECED	
4.	2019-20	UPPER EXO-SKELETON	Dr. K. Hemalatha, Assistant Professor, MED Mrs. B. Sucharita, Assistant Professor, ECED Mr. Shaik Rasool, Assistant Professor, ITD	Rs.60,000/-
5.	2019-2020	AERIAL SURVEILLANCE ROBIRD	Dr. (Mrs.) G. Sailaja, Assistant Professor, MED Mrs. B. Sucharita, Assistant Professor, ECED	Rs.61,581/-
6.	2018-2019	WANDERWAY-AN IMPROVED SEGWAY	Mrs. O. Hemalatha, Asst. Prof., MED Mrs. B. Sucharita, Asst. Prof., ECED	Rs.88,000/-
7.	2018-2019	LASER ENGRAVER	Dr. Mohd. Viquar Mohiuddin (Prof., MED) Ms. Maliha Naaz, Asst. Prof., ECED	Rs 97,000/-

			Sanctioned amount: Rs 97,000/-	
8.	2018-2019	GIMMIC-A Semi Humanoid Face Recognition Robot	Dr. Mohammed Arifuddin Sohel, Prof., ECED Mrs. B. Sucharitha, Asst. Prof., ECED Mr. Shaik Irfan Sadaq, Asst. Prof., MED	Rs.1,00,000 /-
9.	2019-2020	SYNERGITIC ARTICULATED ROBOTIC MANIPULATOR (SARM)	Dr. Kaleem Fatima, Professor, ECED Ms. Maliha Naaz, Assistant Professor, ECED	Rs. 77,500/-
10.	2017-2018	PNEUMATIC QUADRUPED ROBOT	Dr. Ishrat Meera Mirzana, Asso. Prof., MED and Dr. Kaleem Fatima, Prof., ECED	Rs.79,966/-
11.	2017-2018	Humanoid Robot- Phase 2	Dr. Arifuddin Sohel, Head & Prof., ECED Mr. J. K. Nag, Asso. Prof., ECED Mr. Hakeemuddin Ahmed, Asso. Prof., MED	Rs.75,828/-
12.	2017-2018	FABRICATION OF OXIDE NANOPARTICLES FOR GAS SENSOR	Dr. Shaik Kareem Ahmmad, Physics Dept., Mr. Mohd. Abdul Raheem, Asst. Prof., ECED	Rs.30, 500 /-

		APPLICATIONS		
13.	2017-2018	IOT BASED SMART 3D PRINTER	Dr. Arifuddin Sohel, Head & Prof., ECED Mrs. Aijaz Fatima, Asso. Prof., EED Dr. Viquar Mohiuddin, Prof., & Associate Head	Rs.32,380/-
14.	2016-2017	VOICE CONTROLLED PROSTHETIC ARM FOR PHYSICALLY DISABLED	Mrs. Salma Fauzia, Asst. Prof., ECED Ms. Maliha Naaz, Asst. Prof., ECED	Rs.31,500/-
15.	2016-2017	DESIGN AND IMPLEMENTATION OF HUMANOID WITH 20 DEGREES OF FREEDOM	Mr.J. K. Nag, Asso. Prof., ECED	Rs 49,450/-
16.	2016-2017	SEGWAY: A SELF BALANCING VEHICLE	Mrs. B. Sucharitra, Asst. Prof., ECED Mrs. O. Hemalatha, Asst. Prof., MED	Rs.47,000 /-
17.	2016-2017	SMART ATTENDANCE	Mrs. Salma Fauzia, Asst. Prof., ECED	Rs.27,500/-

		MONITORING SYSTEM FOR COLLEGE USING WIRELESS SENSOR NETWORK	Ms. Maliha Naaz, Asst. Prof., ECED	
18.	2016-2017	SMART MATTRESS	Dr. Arifuddin Sohel, Professor and Head, ECED	Rs.24,502/-
19.	2016-2017	IOT BASED SUSTAINABLE PLANT HABITAT AND SMART FARMING	Dr. Arifuddin Sohel, Prof., ECED Dr. Uma Dulhare. Prof., CSED	Rs.49,790 /-
20.	2016-2017	QUADCOPTER FOR NAVIGATION, IMAGING AND SURVAILLENCE	Dr. Kaleem Fatima, Prof., ECED	Rs.37,709/-
21.	2016-2017	AUTOMATED GUIDED	Dr. Mohammed Arifuddin Sohel, Professor	2015-2016

		VEHICLE	Head, ECED Dr. Ferhatullah Hussainy, Dean (Administration), MJCET	
--	--	---------	---	--