

Patents Filed/Granted

S. No.	Reference Number	Title	Status
1.	290712	Wiper for Vehicle Door	Granted on 12.04.2017
2.	290711	Rearview Mirror with Wiper for Vehicles	Granted on 03.04.2017
3.	293865	Portable Hydraulic Lift able Light Stand	Granted on 04.07.2017
4.	286775	Pre-Fabricated Foldable Refrigeration Device	Granted on 17.11.2016
5.	201641021939 CBR.NO- 14427E- 2/1941/2016-CHE	Automatic Effluent Storage and Disposer in Train	Filed on 27.06.2016
6.	32/2019	System and Method for Cooking Food Items	Filed on 09/08/2019
7.	2020101428	A Smart And Efficient Sanitizer Dispenser Along With Alarm and UV Sanitization Mechanism	Granted 07-08-2020
8.	2020104247	An Automated Mixer Grinder for Grinding a Substance to a Required Form	Granted 21-01-2021
9.	202241005725	Dimensional Evaluation of Electrode Corner Wear During The Machining of The EDM Process	Published 11/02/2022
10.	202241010530	Paddy Dryer	Published 11/03/2022
11.	202241010093	Advanced Vibration Control System for CNC Micro Milling Machine	Published 04/03/2022
12.	202141011242	Advanced IAQ Control System and Alcohol Detector for Commercial Vehicles	Published 26/03/2021
13.	202231005248	Intelligent System for Automatic Outdoor Street Lighting Fault Detection and	Published 31/01/2022

		Management System Based on IOT And Machine Learning	
14.	202041025573	An Apparatus Arrangement of Vehicle for Human Safety System	Published 17/07/2020
15.	202041038464	A System and Methodolgy for Air Pressure Stabilization and Pumping Apparatus in Tires of Vehicles	Published 11/03/2022
16.	201941051268	A Smart and Digitalized Knob for a Gas Stove Along With A Device to Check Efficacy and Safety Factors	Published 20-12-2019
17.	202041046673	IOT Based Process Control For COER Metal Coating On Steel	Published 06/11/2020
18.	202041003663	High-Speed Train Speed Predictive Control Using Anfis Modelling And Machine Learning, Deep Learning	Published 07-02-2020

INNOVATION PROJECTS

2019-2020

S.No.	Name of the Student(s)	Year/Sec/Dept.	Project Title
1.	K.Balaji	III/A/Mech.	Power less pump
	D.Abishek	III/A/Mech.	
	K.P.Balaji	III/A/Mech.	
2.	M.Sheik Abdullah	III/D/Mech.	Driving System For Disabled Persons
	P.L.Lakshmi Narayanan	III/D/Mech.	
	A.Sheik Mohamed Ashif	III/D/Mech.	
	T.Muthukumaran	IV/D/Mech.	Multi Technique For Rescue Child From Bore Well Or Well
	S.Vishal Yadav	IV/D/Mech.	
	C.Suresh Balaji	IV/D/Mech.	

3.	S.G. Sarath Raj	III/C/Mech.	Adjesto
	T.Ravi Varma	III/C/Mech.	
	N.Muthu Kumar	III/C/Mech.	
4.	S.Dhilipan	IV/A/Mech.	Vibratory feeder for orientation of fasteners
	D.Bharath	IV/A/Mech.	
	C.Gohul	IV/A/Mech.	

2018-2019

S.No.	Name of the Student(s)	Year/Sec/Dept.	Project Title
1	P.RAJALAKSHMI	IV/B/Mech.	HYBRID CAR POWERED WITH RENEWABLE ENERGY (WINDSUN B2)
	N.DHANALAKSHMI	IV/A/Mech.	
	N.RASHMI	IV/A/Mech.	
	G.DHANASEKAR	IV/A/Mech.	
	I.MUTHUKUMAR	IV/B/Mech.	
2	BOOBALAN.B	IV/A/Mech.	SOLAR WATER PURIFICATION BY DISTILATION PROCESS
	BOOBESH RAJ.P.R	IV/A/Mech.	
	BOOMINATH ARJUN.MA.M	IV/A/Mech.	
3	J.MOHAMMED WASIM	IV/B/Mech.	DESIGN AND FABRICATION OF 3D PRINTER
	R.MOHAIDEEN FAIYAS	IV/B/Mech.	
	R.UMAMAKESHWARI	IV/B/Mech.	
	L.SHANMATHY	IV/B/Mech.	
	KISHORE BABU SING	IV/B/Mech.	
4	G DHANASEKAR	IV/A/Mech.	YBRID CAR WITH RENEWABLE

	P RAJALEKSHMI	IV/B/Mech.	ENERGY(WINDSUN B2)
	N RASHMI	IV/A/Mech.	
	N DHANALAKSHMI	IV/A/Mech.	
	I MUTHUKUMAR	IV/B/Mech.	
5	R MUTHU PANDI	IV/C/Mech.	ENHANCING THE STEPPED SOLAR SKILLS PERFORMANCE USING MULTIPLE FINS AND BASIN MATERIALS
	F PARLEEN RAJA	IV/C/Mech.	
	M SAMAYA PRABHU	IV/C/Mech.	
6	K PARTHA SARATHI	IV/C/Mech.	ENERGY EFFICIENT SOLAR BUBBLE COLUMN DESALINATION INTEGRATED WITH PARABOLIC COLLECTOR
	A R PARTHA SARATHY	IV/C/Mech.	
	L R SABARINATH	IV/C/Mech.	
7	B DARVESH MOHIDEEN	IV/A/Mech.	DESIGN AND ANALYSIS OF IMPROVEMENT IN DRAG CHAIN CONVEYOR
	G.J DINESH	IV/A/Mech.	
	P ANTON PRAJEETH	IV/A/Mech.	

S.No.	Name of the Student(s)	Year/Sec/Dept.	Project Title
1	S DHILIPAN	III/A/Mech.	DESIG AND FABRICATION OF VIBRATORY FEEDER MACHINE
	K BALAJI	III/A/Mech.	
	A ASHOK VARDHAN	III/A/Mech.	
	S GOWTHAM	III/A/Mech.	
2	B DHIVAKARAN	III/A/Mech.	BLADELESS WIND MILL
	K DILIPKUMAR	III/A/Mech.	
	S B DINESH KRISHNA	III/A/Mech.	
	S RAJESH GURU	III/A/Mech.	

3	M.KARTHICK	III/B/Mech.	ANALYSIS AND INCLUSION OF 4 WHEEL STEERING IN AUTOMOBILE
	G.MOSES JASPER	III/B/Mech.	
	G.HARIHARASUBRAMANI	III/B/Mech.	
	A.JOSEPH ANTONY RAJ	III/B/Mech.	
4	V.N HARIHARAN	III/B/Mech.	DESIGN AND FABRICATION OF MINI CONVEYOR USING GENEVA MECHANISM
	R.HARI PRASANNA	III/B/Mech.	
	K.HARISSH KUMAR	III/B/Mech.	
	P.MOHAN RAJ	III/B/Mech.	
5	A.MOHAMED HAROON	III/B/Mech.	INBUILT PNEUMATIC JACK
	S.MOHAMED FAIZAN	III/B/Mech.	
	M.KALODOSS	III/B/Mech.	
	M.S.MOHAMED ANAS	III/B/Mech.	
6	NAVEEN N	III/B/Mech.	HYDROGEN GENERATOR
	MANIKANDAN B	III/B/Mech.	
	K KARUPPASAMY	III/B/Mech.	
	J.R.SUJITH	III/B/Mech.	
7	A.KARTHICK RAJA	III/B/Mech.	DESIGN AND FABRICATION OF VECHICLE TONNAGE ANALYSER
	R KARTHIKEYAN	III/B/Mech.	
	M KARPAGAVALLI	III/B/Mech.	
	N KARTHICK	III/B/Mech.	
8	M.DEVAMAHIBAN	III/B/Mech.	DESIGN AND FABRICATION OF FOOD PROCESSING MACHINE
	P.MOHAMED BAZEETH	III/B/Mech.	
	G.SURESH	III/B/Mech.	
	R.MANIKANDAN	III/B/Mech.	

S.No.	Name of the Student(s)	Year/Sec/Dept.	Project Title
1	M R AHAMED SIRAJUDEEN	II/A/Mech.	RIVER BALE WRAP BY USING DRAINAGE COLLECTOR
	M ELAKKIYA	II/A/Mech.	
	B ABDUL FAZIL	II/A/Mech.	
2	G.NAVEEN PRASHANTH	II/A/Mech.	DOUBLE CYLINDER RECIPROCATING PUMP
	M.NOORMOHAMED	II/A/Mech.	
	J.RAJ KUMAR	II/A/Mech.	
3	M.DINESH	II/A/Mech.	DEEP WELL AIR COMPRESSOR PUMP SYSTEM
	K.DHARAGANATH	II/A/Mech.	
	P.BALAJI	II/A/Mech.	
4	P.SELVAKUMAR	II/A/Mech.	AUTOMATIC STANDING SYSTEM
	L.KANISHKAR	II/A/Mech.	
	J.P.GOKUL	II/A/Mech.	
5	S.M.HARUN FIRHOUSE	II/B/Mech.	TESLA COIL
	M.MOHAMED SHAHID AFRIDHI	II/B/Mech.	
	S.MOHAMED JUBAIR	II/B/Mech.	
	A.JAINUL ABITHEEN	II/B/Mech.	
6	N.MOHAMMED ASHRAF	II/B/Mech.	WATER LEVEL INDICTOR ALARM
	A.MOHAMMED MATHARSHA	II/B/Mech.	
	N.MOHAMMED ZUBAIR	II/B/Mech.	
	A.MAGUDESWARAN	II/B/Mech.	
7	R.MOHANRAJ	II/B/Mech.	WORKING MODEL OF HYDRAULIC

	R.HARISHRAJ	II/B/Mech.	
	J.KESAVARAJAN	II/B/Mech.	
	U.ILAVARASAN	II/B/Mech.	
8	S.MOHAMMED KASHIF ASRARI	II/B/Mech.	MECHANICAL FROG
	R.V. MANOJ	II/B/Mech.	
	I. MOHAMMED CHAN ASLAM	II/B/Mech.	
	A.M. MOHAMED KHALITH	II/B/Mech.	
9	V.RAMPRASATH	II/B/Mech.	RACK END PINION ALINGNMENT PROCESS
	M.S.ARUN KUMAR	II/B/Mech.	
	V.PRAVIN KUMAAR	II/B/Mech.	
	R.PRAVEEN RAJ	II/B/Mech.	
10	G.ABISHEK	II/B/Mech.	PNEUMATIC GEAR GEAR CHANGE
	S.HARIHARAN	II/B/Mech.	
	M.VIGNESWARAN	II/B/Mech.	
	S.SIVASUBRAMANIAN	II/B/Mech.	
11	MUNISH BABU T	II/B/Mech.	SIDE STAND RETRIVE USING SPROCKET
	MUTHUPANDI P	II/B/Mech.	
	NANTHAKUAMRAN M	II/B/Mech.	
	NAGASURYA P	II/B/Mech.	
12	SARATH RAJ S G	II/B/Mech.	TRANSFER CHAIR USING RACK AND PINION GEAR MECHANISM (ADJESTO)
	MUTHUKUMAR N	II/B/Mech.	
	NAVEEN KUMAR A	II/B/Mech.	
	RAVIVARMA T	II/B/Mech.	
13	P RAJKUMAR	II/B/Mech.	SOLAR WATER PUMP

	S NAVEEN VAIRAVN	II/B/Mech.	
	G NITHISH	II/B/Mech.	
	A.MUTHUKUMARASAMY	II/B/Mech.	
14	S.VASANTHA KUMAR	II/B/Mech.	PNEUMATIC PIPE GRINDING
	S.DHANDESH RAJAN	II/B/Mech.	
	S.AJEEKHAN	II/B/Mech.	
	M.SURESH	II/B/Mech.	
15	M.ABDUL SHAJATH	II/B/Mech.	PNEUMATIC AUTO PIPE GRINDING
	R.S.P.ARVINTH SAMY	II/B/Mech.	
	K.YOGI VISWANATHAN	II/B/Mech.	
	R.M.SRIRAMSUDHARSAN	II/B/Mech.	
16	T SRIGOPINATH	II/B/Mech.	SWINGING HOPPER
	SELVIN JENOVA S A	II/B/Mech.	
	VARUN GANDHI K	II/B/Mech.	
	SIVAKUMAR E	II/B/Mech.	
17	P L LAKSHMI NARAYANAN	II/B/Mech.	FABRICATION OF PNEUMATIC JOYSTICK FOR DIFFERENTLY ABLED PERSONS
	M SHEIK ABDULLAH	II/B/Mech.	
	A SHEIK MOHAMED ASHIF	II/B/Mech.	
	G THANGA MUNEESWARAN	II/B/Mech.	
18	T.YOGESHWARAN	II/B/Mech.	LAUNCHING OF SATELLITE
	S.VIGNAESH PANDIAN	II/B/Mech.	
	S.SURYA KUMAR	II/B/Mech.	
	T.DHIELIP KUMAR	II/B/Mech.	
19	M MANOJ KUMAR	II/B/Mech.	ROTARY MOTION OF HAND PUMP

	G MANI BHARATHI	II/B/Mech.	
	MOHAMMED AASHIK	II/B/Mech.	
	S YUVARAJA	II/D/Mech.	
20	W TONY DEEPAK	II/D/Mech.	HYDRAULIC POWER PRESS
	G KARTHIK MARIESWARAN	II/B/Mech.	
	B SIVANANTH	II/D/Mech.	
	M SENTHILNATHAN	II/D/Mech.	
21	K VENKATESAN	II/D/Mech.	MINI LATHE MACHINE
	S YOGAPRAKASH	II/D/Mech.	
	R VENKATESH	II/D/Mech.	
	S SUNIL RAGAV	II/D/Mech.	