



Koneru Lakshmaiah Education Foundation

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DEPARTMENT OF MECHANICAL ENGINEERING

Patents Published in 2021

S. No	Name of the patents	Name of the Principal Investigator	Name of the Co-Investigator	Type
1	Fuel Tank	1. Anna Eswara Kumar	2. M B S Sreekar Reddy 3. Phani Prasanthi 4. P. Anjaneyulu 5. A. Manoj Kumar 6. G. Shekar	Design
2	Cot for Physically Disabled Persons	1. Anna Eswara Kumar	2. M B S Sreekar Reddy 3. Phani Prasanthi 4. P. Anjaneyulu 5. A. Manoj Kumar 6. G. Shekar	Design
3	Size Extendable Lunch box	1. Anna Eswara Kumar	2. M B S Sreekar Reddy 3. Phani Prasanthi 4. P. Anjaneyulu 5. A. Manoj Kumar 6. G. Shekar	Design
4	Muscle Massage Device	1. Anna Eswara Kumar	2. M B S Sreekar Reddy 3. K J Brahma Chari 4. P. Phani Prasanthi	Design
5	Dual Stamping Device	1. Anna Eswara Kumar	2. R. Arun Kumar 3. M B S Sreekar Reddy 4. P. Phani Prasanthi	Design
6	Legs Exercise Machine	1. Anna Eswara Kumar	2. M B S Sreekar Reddy 3. R. Arun Kumar 4. P. Phani Prasanthi	Design
7	Legs Exercise Machine	1. Anna Eswara Kumar	2. Dileep Kotte 3. Siva Kishore Ikkurthi 4. P. Phani Prasanthi	Design
8	Multiple Rubber Stamp	1. Anna Eswara		Design

	Holding Device with Ink Pad	Kumar	2.Siva Kishore Ikkurthi 3. M B S Sreekara Reddy 4.P,Phani Prasanthi	
9	Twin Chamber Verticle Dustbin	1.A.Eswara Kumar	2.Dr.A.Kiran Kumar 3.M B S Sreekara Reddy 4.Phani Prasanthi	Design
10	Chopping Board	1.Anna Eswara Kumar	2,Siva Kishore Ikkurthi 3.M B S Sreekara Reddy 4.P.Phani Prasanthi	Design
11	Size adjustable cot	1.K J Brahma Chari	2.Anna Eswara Kumar 3.Dr.P.Satyanarayana 4.P.Phani Prasanthi	Design
12	Vegetable Holding Device	1.Anna Eswara Kumar	2.K J Brahma Chari 3.N.Srinivasulu 4.P.Phani Prasanthi	Design
13	Height and Inclination Adjustable Table	1.M B S Sreekara Reddy	2.Anna Eswara Kumar 3.M.Hemanth Kumar 4.P.Phani Prasanthi	Design
14	Water bottle with Purifier	1.G.Raja Sanjay Krishna	2.Dileep Kotte 3.Anna Eswara Kumar 4.P.Phani Prasanthi	Design
15	ID card holder with Sanitizer dispenser	1.Dileep Kotte	2.G.Raja Sanjay Krishna 3.Anna Eswara Kumar 4.P.Phani Prasanthi	Design
16	Car Cleaning Robot Mechanism	1.T.Eswara Rao	2.N.Mohana Rao	Design
17	Pedestal Table with Height Adjustable Chairs	1.Dr.M.Nageswara Rao	2.Dr.Kiran kumar Dama 3.Dr.Santosh Kumar Malyala 4.Mr.Rakesh Koppunur 5.Mr.Madhava Rao Y 6.Mr.Venkata Pradeep Rednam	Design
18	Stair Climbing Hand cart	1.Dr.M.Nageswara Rao	2.Dr.Kiran Kumar Dama 3.Ashok Kumar Chappidi 4.Mr.D.Phanindra Kshtra 5.Santosh Kumar Malayala 6.Mr.B.Sreedhar	Design
19	Autmated Cooking Machine	1.T.Eswara Rao	2.T.Krishna Kaushik	Design

			3.T.Srinivasa Rao 4.V.Bhaskara 5.N V S nageswara Rao 6.V.Sai Ujwal	
20	Dual Stamping Device	1.Anna Eswara Kumar	2.Rejeti Sriram Swaroop 3.Rejeti Srinivas 4.Ch.Yashwanth Sai 5.S.Madhav	Design
21	Broomstick Handle Holder	1.Anna Eswara Kumar	2.Rejeti Srinivas 3.Ch.Yashwanth Sai 4.S.Madhav 5.Rejeti Sriram Swaroop	Design
22	Ternary Stamping Device	1.Anna Eswara Kumar	2.Ch.Yashwanth Sai 3.S.Madhav 4.Rejeti Sriram Swaroop 5.Rejeti Srinivas	Design
23	Dual Stamping Device	1.Ch.Yashwanth Sai	2.Anna Eswara Kumar 3.S.Madhav 4.Rejeti Sriram Swaroop 5.Rejeti Srinivas	Design
24	Ternary Stamping Device	1.Ch.Yashwanth Sai	2.Anna Eswara Kumar 3.Rejeti Sriram Swaroop 4.Rejeti Srinivas 5.S.Madhav	Design
25	Dual Stamping Device	1.Ch.Yashwanth Sai	2.Anna Eswara Kumar 3.Rejeti Sriram Swaroop 4.Rejeti Srinivas 5.S.Madhav	Design
26	Quad Stamping Device	1.Anna Eswara Kumar	2.S.Madhav 3.Rejeti Sriram Swaroop 4.Rejeti Srinivas 5.Ch.Yashwanth Sai	Design
27	Ternary Stamping Device	1.Anna Eswara Kumar	2.S.Madhav 3.Rejeti Sriram Swaroop 4.Rejeti Srinivas 5.Ch.Yashwanth Sai	Design
28	Dual Stamping Device	1.Anna Eswara Kumar	2.Rejeti Sriram Swaroop 3.Rejeti Srinivas 4.Ch.Yashwanth Sai 5.S.Madhav	Design
29	Dual Stamping Device	1.S.Madhav		Design

			2.Anna Eswara Kumar 3.Ch.Yashwanth Sai 4.Rejeti Sriram Swaroop 5.Rejeti Srinivas	
30	Infant feeding bottle	1.Anna Eswara Kumar	2.Rejeti Srinivas 3.Ch.Yashwanth Sai 4.S.Madhav 5.Rejeti Sriram Swaroop	Design
31	3 Port mobile phone charger with stand	1.Rejeti Sriram Swaroop	2.Anna Eswara Kumar 3.Rejeti Srinivas 4.Ch.Yashwanth Sai 5.S.Madhav	Design
32	Mobile charger Holder with stand	1.S.Madhav	2.Anna Eswara Kumar 3.Rejeti Sriram Swaroop 4.Rejeti Srinivas 5.Ch.Yashwanth Sai	Design
33	Sanitiser dispenser based mobile case	1.Rejeti Sriram Swaroop	2.Anna Eswara Kumar 3.Rejeti Srinivas 4.Ch.Yashwanth Sai 5.S.Madhav	Design
34	Infant feeding bottle	1.Rejeti Srinivas	2.Anna Eswara Kumar 3.Ch.Yashwanth Sai 4.S.Madhav 5.Rejeti Sriram Swaroop	Design
35	Mobile Phone charger with stand	1.Rejeti Srinivas	2.Anna Eswara Kumar 3.S.Madhav 4.Rejeti Sriram Swaroop 5.Ch.Yashwanth Sai	Design
36	Mobile charger Holder with stand	1.Rejeti Srinivas	2.Anna Eswara Kumar 3.Rejeti Sriram Swaroop 4.Ch.Yashwanth Sai 5.S.Madhav	Design
37	Solar Power bank with mobile phone stand	1.Rejeti Sriram Swaroop	2.Anna Eswara Kumar 3.Rejeti Srinivas 4.Ch.Yashwanth Sai 5.S.Madhav	Design
38	Hydro Bot	1.Dr.A.Srinath	2.Harish	Design
39	Street Light Pole Umberella	1.D.Hruthik	2.K.Rajesh 3.M.Nishanth Kumar	Design

			4.P.Vengal Rao 5.K.Shashikanth 6.Dr.D V A Ramasastry 7.B.Kiran Kumar	
40	Portable Cooling Oil Filter	1.P.Bhanu Prakash	2.Akula Venkata Ganesh 3.A.Reventh 4.P.Ganesh 5.Dr.S.N. Padi 6.N.Tamiloli	Design
41	Onion Peeler and Cutter	1.V S R S Kali Prasad	2.V.Lokeswar 3.T L Sai Kumar 4.V Krishna Sai Teja 5.Dr D V A Rama Sastry 6.K.Shashikanth 7.B.Kiran Kumar	Design
42	360 Degress Dust carrier	1.B.Chakri	2.A.Prasanth 3.C.Faruddin 4.A R Sreekar 5.Dr.D V A RamaSastry 6.K.Shashikanth 7.B.Kiran Kumar	Design
43	Hand Cart	1.Dr.M.Nageswara Rao	2.Dr.Kiran Kumar Dama 3.Mr.D.Phindra Kshtra 4.Mr.Madhava Rao Y 5.Mr.Rakesh Koppunur Mr.B.Sreedhar	Design
44	Stair Climbing Hand Cart	Dr M Nageswara Rao	Dr Kiran Kumar Dama	Design
45	Hand Cart	Dr M Nageswara Rao	Mr D Phanindra Kshatra	Design
46	Multi Spindle nut Runner	Dr K. V. Durga Rajesh	Mr. S. Yaswanth Kalyan Reddy Mr. R. Sriram Swaroop	Design Design
47	Roller Ramp	Karimulla syed	Shaik Aasif,Syed Jaffar Hussain, Kuppli Bhargava Dutta & Puneeth Batchu	Design
49	Multiple Nut Remover (352426-001)	Dr. K V Durga Rajesh	Sriram Swaroop Rejeti, Dr. G Jamuna Rani, Dr. P Gangadhara Rao	Design
50	Multi Purpose Manual Controlled Robotic Arm (345765-001)	Mr. B Kiran Kumar	B Saikrishna Srikar, V Sridhar, D Navya	Design
51	Portable Multi Comb Device (337390-001)	Mr. B Kiran Kumar	N.Srinivasulu, P.Venkateshwar Reddy, Anna Eswara Kumar	Design
52	A Portable Device to clean beach (337365-001)	Mr. B Kiran Kumar	T.Srinivasan, Anna Eswara Kumar	Design
52	Mechanism to clean the bench	1.Anna Eswara Kumar	2.G.Yaswanth Kumar 3.P.Manohar	Design

			4.P.V.Vijay Bhaaerathy	
53	Solar Powered Road dust collector	1. Abdul Munaf	2.Lolakapuri Anurag 3.Kokkonda Mohan Kumar 4.V S S Dheeraj	Design
54	Chair with Tilting Back rest	1.Anna Eswara Kumar	2.T.Srinivasan 3.K.Siva Kishore Babu 4.V.Shanmukha Prasad	Design
55	Size Adjustable Bottle	1.Dr.Gomathi Gowda	2.Anna Eswara Kumar 3.G.Lenin Babu	Design
56	Foot operated Hacksaw Machine	1.Karimulla Syed	2.Pagidimari Prudhvi Teja 3.Chava Teja 4.B.Rajnith Raj Kumar 5.Ch.Sumanth Reddy 6.G.Sharon	Design
57	CUBESAT	1.Karimulla Syed	2.P.S.N Venkat 3.D.Satya Ravi Teja 4.K.Lohith 5.D.Sai Avinash 6.N.Sree Sai Ganesh	Design
58	Street Light Changing Robot	1.G.Raja Sanjay Krishna	2.T.Eswara Rao 3.U. Sai Kumara Harsha 4.T.Krishna Kaushik 5.Inguva Rahul	Design
59	Stretcher cum wheel chair	1.T.Eswara Rao	2.T.Krishna Kaushik 3.Anson John 4.Ch.Samba Siva Rao 5.T.Srinivasa Rao	Design
60	Ring Based Sanitizer Dispenser Device	1.T.Eswara Rao	2.G.Raja Sanjay Krishna 3.T.Krishna Kaushik 4.U.Sai Kumara harsha 5.Inguva Rahual	Design
61	A table with Adhustable Chairs	Dr.M.Nageswara Rao	2.Dr.Murahari Kolli 3.K V Viswanath 4.Sankara Rao Vinjavarapu 5.B.Sridhar	Design
62	Airless tyre for four wheeler	"1. KARTEEK NAVURI	2. POTHAMSETTY KASI V RAO 3. CHIRANJIVI MECHARAPU 4. BANDARUPALLI PRANEETH"	Design
63	Aero Solid tyre for Four Wheeler	"1. KARTEEK NAVURI	2. POTHAMSETTY KASI V RAO	Design

			3. N TAMILOLI 4. V NAGARAJU"	
64	Qudruped Climbing Robot for Uneven Natural Terrain	1.Sireesha Koneru	2.R.Santosh Kumar 3.P S Prem Kumar 4.A Indra Reddy 5.M N V R L Kumar 6.P S N Venkat 7.Dheeraj Reddy Telluri	Design
65	Multi Spindle Nut Runner	Dr. K. V. Durga Rajesh	Mr. S. Yaswanth Kalyan Reddy, Mr. R. Sriram Swaroop	Design
66	Car cleaning mechanism	T.Eswara Rao	N Mohan Rao	Design
67	Thread winding machine	T.Eswara Rao	T D V SAI KRISHNA KUMAR	Design
68	Automatic cooking machine	T.Eswara Rao	T Krishna Kaushik	Design
69	Anthropomorphic 3 finger Robotic hand	T.Eswara Rao	N Mohan Rao	Design
70	Gross cutter vaccum absorber	Dr S S Rao		Design

Head of the Department