

DEPARTMENT OF MECHANICAL ENGINEERING

PATENT DETAILS

| S.No | Name of the Inventors/Applicant Name | Title of the patent/Design | Patent Number | Filing Date | Published |
|-------------|---|--|----------------------|--------------------|------------------|
| 1 | 1.G.Yedukondalu 2.A.Srinath 3.J.Suresh Kumar | Chest Compression Device For Medical First Aid | 260310 | 13-02-2014 | 19-12-2014 |
| 2 | 1.Mr.J.ManiKumar 2.Mr. G.Yedukondalu 3.Dr.A.Srinath 4.Dr.J.Suresh Kumar | Chest compression device for first aid | 278450 | 16-12-2015 | 13-05-2016 |
| 3 | 1.G.Yedukondalu 2.T.Dharunju Reddy 3.Dr.A.Srinath | Mechanical chest compression device | 283305 | 10-05-2016 | 14-07-2017 |
| 4 | 1.N.Rishi Kanth 2.A.Srinath 3.J.Suresh Kumar 4.G.Yedukondalu | Intelligent robot | 289732 | 30-12-2016 | 03-12-2017 |
| 5 | 1.G.Yedukondalu 2.Sajjan patnaik 3.P.Lakshmi venkatesh 4.A.Srinath | Chest compression device | 299713 | 24-11-2017 | 09-11-2018 |
| 6 | 1.G.Yedukondalu 2.Pattan Akram 3.Modugula Trinath 4.Pamidimalla Trinath | Robot for machining operation | 299714 | 24-11-2017 | 21-12-2018 |
| 7 | K. V. Narasimha Rao | Mountable hand press solid soap holder & dispenser | 300643 | 22-12-2017 | 03-05-2019 |
| 8 | 1.S.Srinivas Rao 2.M.M.V.N.B Sai Sunil 3.N.Sai Praneeth 4.G.Kushal Reddy 5.V L K Teja | Lathe cum milling and drilling machine | 305691 | 16-05-2018 | 19-12-2019 |
| 9 | 1.A Esawra Kumar 2.Shyam Prasad Kodali 3.V.Uma Manikanta 4.A.Lakshmi Sai Vineeth | Propeller Activated Weight Lifting Device | 311728 | 02-11-2018 | 07-02-2020 |
| 10 | 1. K. V. Narasimha Rao, 2. N. Karteek 3. A. Eswara Kumar | Wheel rim for vehicles | 315372-001 | 05-03-2019 | 21-02-2020 |
| 11 | 1. K. V. Narasimha Rao 2. N. Karteek 3. A. Eswara Kumar | Wheel rim for vehicles | 315373-001 | 05-03-2019 | 16-08-2019 |
| 12 | 1. A. Eswara Kumar 2. N. Karteek 3. K. V. Narasimha Rao | Wheel rim for vehicles | 315375-001 | 05-03-2019 | 01-09-2019 |

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| 13 | 1. A. Eswara Kumar 2. N. Karteek K. V. Narasimha Rao | 3. | Wheel rim for vehicles | 315374-001 | 05-03-2019 | 06-03-2020 |
| 14 | 1.A.Eswara Kumar 2.T.Maneesh 3.Y Vamsi krishna 4.B.V.Dhrmendra | | Grinding machine | 315376-001 | 05-03-2019 | 13-03-2020 |
| 15 | 1.D V A Rama sastry 2.Anna Eswara Kumar V Ramana | 3.K | LETTER PRINTER STAMP WITH MANUALLY Adjustable Type Faces | 315561-001 | 11-03-2019 | 16-10-2020 |
| 16 | 1.Anna Eswara Kumar 2.B.Kiran Kumar 3.B V Dharmendra 4. D V A Ramasastry | | Size Adjustable Bottle | 315820-001 | 16-03-2019 | 28-02-2020 |
| 17 | 1.Anna Eswara Kumar 2.A.Chandra Mouli 3. B V Dharmendra 4.A.Tulasi | | Two In One Bottle | 315818-001 | 16-03-2019 | 07-08-2020 |
| 18 | 1.Karteek Navuri 2.Beulah Mani Paleti 3.B.Satya Krishna 4.Anna Eswara Kumar | | Spring Activated Spokes for Wheel Rim | 316255-001 | 29-03-2019 | 17-01-2020 |
| 19 | 1.K.V.Ramana 2.I.Rohith 3.M.Guru Gopinath 4.T.Sunil Kumar 5.K.Sarvan Kumar | | A Portable wall scraper and dust collecting mechnaism | 318601-001 | 10-06-2019 | 09-10-2020 |
| 20 | 1.A.Eswara Kumar 2.D V A Ramasastry 3.P.Phani Prasanthi 4.B.V.Dhermendra | | Dilatator setup for men urethral stricture | 316953-001 | 17-04-2019 | 19-07-2019 |
| 21 | 1.S.Srinivasa Rao 2.G.vamis Krishna 3.B.V.Neerav 4.G.satya Sai 5.P.Sriharsha | | Life resuce and fire extinguishing robot | 316896-001 | 15-04-2019 | 26-07-2019 |
| 22 | 1. G.Yedukondalu 2.S.S.N Manikanta Kumar 3.A.Srinath | | Agriculture Robot | 316432-001 | 03-04-2019 | 21-06-2019 |
| 23 | G.Yedukondalu | | Robot for Pick and Place Operation | 318493-001 | 05-06-2019 | 09-10-2020 |
| 24 | 1. G.Yedukondalu 2.K.Shiva keesavulu | | Robot for welding operation | 315142-001 | 21-02-2019 | 10-01-2020 |
| 25 | 1.Anna Eswara Kumar 2.G.Murali 3.P.Phani Prasanthi 4.M V H Satish Kumar | | Multi Knife Cutter | 321344-001 | 09-05-2019 | 04-09-2020 |

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| 26 | 1. Anna Eswara Kumar 2. T. SRINIVASAN 3. T. Eswara Rao | Two In One storage device | 322245-001 | 10-02-2019 | 25-09-2020 |
| 27 | 1. Anna Eswara Kumar 2. J. Leela Kishan 3. B V Dharmendra | Tyre for Vehicles | 323315-001 | 11-05-2019 | 19-06-2020 |
| 28 | 1. Anna Eswara Kumar 2. P. Pruthvi Teja 3. T. Srinivasan 4. G. Deepak Kumar | Stretcher cum wheel chair | 323437-001 | 08-11-2019 | 18-09-2020 |
| 29 | 1. Anna Eswara Kumar 2. A. Manoj Kumar 3. P. Anjaneyulu 4. K. Govind Kumar 5. G. Prudhvi 6. J. Leela Kishan | Wheel for vehicles | 323492-001 | 09-11-2019 | 10-01-2020 |
| 30 | 1. Anna Eswara Kumar 2. K. Krishna Kireeti 3. Sk. Aasif 4. G. Shekar 5. S. Pavan Kumar 6. G. Deepak Kumar | Tyre for Vehicles | 323495-001 | 09-11-2019 | 06-11-2020 |
| 31 | 1. G. Deepak Kumar 2. P. N. Sashank 3. P. M. Vardhan 4. K. Tapan 5. S. Md. Sarfaraaz 6. Anna Eswara Kumar | Fan Wing Cleaning Mechanism | 323843-001 | 22-11-2019 | 16-10-2020 |
| 32 | 1. Dr. S. S. Rao 2. Samanthapudi Meghana | Lower Limb Exoskeleton for par | 324816-001 | 18-12-2019 | 25-01-2020 |
| 33 | 1. Dr. S. S. Rao 2. Puppala Raja Raghu Vamsi Krishna | Semi Automatic Seed Remover | 324817-001 | 18-12-2019 | 31-01-2020 |
| 34 | 1. Anna Eswara Kumar 2. B. Kiran Kumar 3. R J Kishore 4. V Uma Manikanta 5. K. Giri Sainath Reddy | Dilatator setup for men urethral s | 326581-001 | 30-01-2020 | 28-02-2020 |
| 35 | 1. Anna Eswara Kumar 2. P. Pruthvi Teja 3. B. Naresh Reddy 4. B. Kiran Kumar | Dilatator setup for men urethral s | 327066-001 | 11-02-2020 | 08-05-2020 |
| 36 | 1. Anna Eswara Kumar 2. P. Pruthvi Teja 3. B. Raghava Rao 4. P. Phani Prasanthi | Multi Purpose Tool | 327065-001 | 11-02-2020 | 30-10-2020 |
| 37 | 1. Dr. K. Kishore Kumar 2. E. Susmitha | Electronic Wheel Chair | 326491-001 | 27-01-2020 | 22-01-2021 |

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| 38 | 1.Anna Eswara Kumar 2.B V Dharmendra 3.B.Kiran Kumar 4.J.Leela Kishan | Multi Usable comb for reducing | 327761-001 | 02-03-2020 | 30-10-2020 |
| 39 | 1.Karteek Navuri 2.B.Kiran Kumar 3.B.Arun babu 4.M.Anitha Santhoshi | Chair with Foldable Plates | 327814-001 | 03-03-2020 | 20-04-2020 |
| 40 | 1.Karteek Navuri 2. B.Arun Babu 3.B.Kiran Kumar 4.M.Anitha Santhoshi | Chair with Foldable Plates | 327816-001 | 03-03-2020 | 04-12-2020 |
| 41 | 1.Anna Eswara Kumar 2.K.Siva Kishore babu 3.T.Eswara Rao 4.J.Leela Kishan | Protect case for mobile phone | 327905-001 | 05-03-2020 | 20-05-2020 |
| 42 | 1.Anna Eswara Kumar 2.P.Phani Prasanthi 3.S.Ramesh Kumar | Foot operated fluid desenser | 329488-001 | 21-05-2020 | 04-12-2020 |
| 43 | 1.Anna Eswara Kumar 2.B.Kiran Kumar 3.K.Siva Kishore Babu 4.P.Phani Prasanthi | Pomegranate Juice Maker | 329661-001 | 28-05-2020 | 05-03-2021 |
| 44 | 1.Anna Eswara Kumar 2.H.Jeevan Rao 3.Sivaji Sagar | Foot operated fluid desenser | 329691-001 | 30-05-2020 | 22-01-2021 |
| 45 | 1.Mr.A.Eswara Kumar 2.Dr.B.Nageswara Rao | Dilatation Device for Men Urethral Stricture | 330964-001 | 10-07-2020 | 11-09-2020 |
| 46 | 1.H.Jeevan rao 2.Anna Eswara Kumar 3.T.Srinivasan 4.B V Dharmendra | An ergonomic chair with built in exhaust fans | 331441-001 | 28-07-2020 | 04-09-2020 |
| 47 | 1.Anna Eswara Kumar 2.K.Siva Kishore Babu 3.H.Jeevan Rao 4.B V Dharmendra | A STRIP FOR HOLDING THE FACE MASK | 332157-001 | 19-08-2020 | 19-03-2021 |
| 48 | 1.Dr.Anna Venkateswara Rao 2.Anna Eswara Kumar 3.H.Jeevan Rao | A DEVICE TO CLEAN FLOOR TILES | 333168-001 | 14-09-2020 | 06-11-2020 |
| 49 | 1.Anna Eswara Kumar 2.B V Dharmendra 3.H.Jeeva Rao | COCOUNT PULP REMOVER | 333169-001 | 14-09-2020 | 06-11-2020 |
| 50 | 1.Anna Eswara Kumar 2.H.Jeevan Rao 3.B.Kiran Kumar 4.P.Phani Prasanthi | ELECTRICALLY OPERATED SMUT CLEANING DEVICE | 333171-001 | 14-09-2020 | 06-11-2020 |

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| 51 | 1.Anna Eswara Kumar 2.H.Jeevan Rao 3.K.Siva Kishore Babu | ELECTRICALLY OPERATED MOP STICK | 333172-001 | 14-09-2020 | 06-11-2020 |
| 52 | 1.Anna Eswara Kumar 2.H.Jeevan Rao 3.P.Venkateshwar Reddy | SEMI AUTOMATIC DISH WASHER | 333174-001 | 14-09-2020 | 06-11-2020 |
| 53 | 1.Anna Eswara Kumar 2.H.Jeevan Rao 3.K.Siva Kishore Babu | HEIGHT ADJUSTABLE STAND TO HOLD TELEVISION | 333175-001 | 14-09-2020 | 06-11-2020 |
| 54 | 1.Anna Eswara Kumar 2.H.Jeevan Rao 3.D.Mohana Krishnadu 4.Phani Prasanthi | PORTABLE UV SANITIZING DEVICE | 333176-001 | 14-09-2020 | 06-11-2020 |
| 55 | 1.D.Bhaskar 2.T.Vijai Kumar 3.Md.Abid Ali 4.Jakkam Leela Kishan | Bearing Stopper for Solar Tracker | 333854-001 | 01-10-2020 | 30-04-2021 |
| 56 | 1.Anna Eswara Kumar 2.B.Ranjith Raj 3.B.Mohana Vamsi 4.B.Anudeep | Cardiovascular Stent | 334133-001 | 10-10-2020 | 18-12-2020 |
| 57 | 1.Anna Eswara Kumar 2.B V Dharmendra 3. M Harish | Protection shield for wheel with storage holder | 334860-001 | 03-11-2020 | 08-01-2021 |
| 58 | 1. Anna Eswara Kumar 2.M.Harish 3.K.Siva Kishore Babu 4.J.Leela Kishan | Pneumatically controlled legs exercise machine | 335084-001 | 10-11-2020 | 18-12-2020 |
| 59 | 1.V.Shanmukha Prasad 2.MOHD FAYAZ 3.MOKA LEELA KRISHNA 4.MUDIGONDA PRANEATH 5.NADIKOTA VAMSI KRISHNA SAI | COCOUNT PULP REMOVER | 336013-001 | 07-12-2020 | 05-02-2021 |
| 60 | 1.Karteeek Navuri 2.V.Sai Vara Prasad 3.Dr.M.Balaji 4.Dr.Abdul Munaf | ADJUSTABLE BACK REST ASSEMBLY FOR MOTORCYCLES | 334814-001 | 01-12-2020 | 08-01-2021 |
| 61 | 1.Anna Eswara Kumar 2.Dileep Kotte 3.Shail Khadar Basha 4.R.Venkatesh | A Storage Device with Movable Bottom Closure | 336149-001 | 11-12-2020 | 12-02-2021 |

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| 62 | B.Kiran Kumar 2.T.Srinivasan 3.Anna Eswara Kumar | A Portable Device to clean beach | 337365-001 | 09-01-2021 | 05-03-2021 |
| 63 | 1.Dr.A.Srinath 2. Dr. G.Yedukondalu | Mechanical system and method for chest compression device | 4491/CHE/2012 | 29-10-2012 | 02 May 2014 |
| 64 | K. V. Narasimha Rao | Online E-commerce platform to connect local retailers | 201741009601 | 20-03-2017 | 28-09-2018 |
| 65 | K. V. Narasimha Rao | Antimicrobial cleaning sponge | 201741009656 | 20-03-2017 | 28-09-2018 |
| 66 | 1. Dr.A.Srinath 2. Y. Kalyan Chakravarthy | Device and method for generating hydraulic prosthetic knee monements | 4787 / CHE/ 2012 | 16-11-2012 | 31-03-2017 |
| 67 | 1. Dr. K. V. Narasimharao 2. A.Eswara Kumar | Exhaust muffler and valve assembly for combustion | 201741015761 | 04-05-2017 | 11-10-2017 |
| 68 | 1.Dr.K.V Narasimha Rao 2.T.Prudhvi 3.V.G.Venkata Sai 4.P.S.T.Krishna Kumar 5.K.Kalyan Chakravarthi | System for a hydraulic rover mechanism | 201841011806 | 29-03-2018 | 06-04-2018 |
| 69 | 1. K.Someswara Rao 2. Dr.P.Jamaleswara Rao | Renewable energy system for vehicles | 201841016069 | 27-04-2018 | 11-02-2019 |
| 70 | 1. Dr.R.Varahamoorthi 2.A.Umeshbala 3.Dr.K.J.Sabareesaan 4.Dr.G.Murali 5. Dr.J.Jaya | Surface Crack Indentification using Computer Aided Detection system employing image process technique | 201941014639 | 11-04-2019 | 17-05-2019 |
| 71 | V.V.Subbarao | AN ELECTRONIC MOUTH WASH AND GERM KILLER DEVICE AND A METHOD THEREOF | 5888 / CHE / 2015 | 30-10-2015 | 05-05-2017 |
| 72 | 1. K.V.Narasimha Rao | A Device for Egg Breaking | 201941030561 | 29-07-2019 | 05-02-2021 |
| 73 | 1.S.Srinivasa Rao | Multipurpose Machining Center and Method Employed Thereof | 201941030563 | 29-07-2019 | 05-02-2021 |
| 74 | 1. Dr.K.V.Narasimha Rao | ELECTRICALLY ASSISTED TWO-WHEELER CARBURETOR THROTTLE CONTROL | 202041032126 | 27-07-2020 | 21-08-2020 |
| 75 | K V Narasimha Rao | SYSTEM AND METHOD FOR SENSOR BASED PROTECTION OF LOADING FRAME ON A CONCRETE SAMPLE | 202041042281 | 29-09-2020 | 09-10-2020 |
| 76 | Dr.K.V.Narasimha Rao | SYSTEM AND METHOD FOR CONTROLLING RIPENING OF PERISHABLE | 202041049029 | 10-11-2020 | 20-11-2020 |
| 77 | Dr.K.V.Narasimha Rao | BREATHING BAG CONTROLLING SYSTEM AND METHOD FOR MAINTAINING PRESSURE IN CONTROLLED ATMOSPHERE | 202041052715 | 03-12-2020 | 11-12-2020 |

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| 78 | Dr.K.V.Narasimha Rao | SYSTEM AND METHOD FOR ESTABLISHING COMMUNICATION BETWEEN TOTAL STATION INSTRUMENT AND REFLECTOR | 202041052714 | 03-12-2020 | 11-12-2020 |
| 79 | 1.Anna Eswar Kumar 2.V.Shanmukh Prasad | Twin Chamber Storage Device | 202141007421 | 22-02-2021 | 26-02-2021 |
| 80 | 1.M.Martin Charles 2.Dr.K.Venkateshan 3.C.Subramaniyan | OF DISSIMILAR ALUMINIUM ALLOYS USING TAPERED THREADED TOOL PROFILE | 202141005812 | 11-02-2021 | 19-02-2021 |
| 81 | 1.Anna Eswara Kumar 2.H.Jeevan Rao 3.S.Sudhkar Babu 4.Chinmaya P Mohanty 5.Atul Bhattad 6.K V P Chkradhar 7.P.Phani Prasanthi | A Storage Container with Movable bottom Closure | 202141016929 | 12-04-2021 | 16-04-2021 |
| 82 | 1.Dr.K.V.Narasimha Rao 2.D.Ramesh Babu | SYSTEM AND METHOD FOR UTILIZING ETHYLENE RELEASED FROM HIGH ETHYLENE PRODUCING FRUITS FOR FRUIT RIPE | 202141002446 | 19-01-2021 | 26-02-2021 |