

Sri Krishna College of Engineering and Technology
Coimbatore
Patent details for the Year 2019-2020

Sl.no	Patent Details	Patent Status	Patent Number	Date of Award
1	A New 2R Approach: The Mobile Electronic Waste in INDIA'S Automotive - Mr.S.Sureshkumar Dr.J.Janet, Dr.P.Kavitha Rani, Dr.S.Venkatalakshmi	Published	202041048068A	04.11.2020
2	An efficient feature selection for color face recognition using hidden markov model and particle swarm optimization with image key generation - Mr.V.Arulkumar, Dr.P.Vivekanandan, Dr.C.Selvan, Dr.Albert raj, Dr.K.N.Sivabalan, Dr.V.Anandkumar	Published	202041035952 A	04.09.2020
3	An intelligent technique for uniquely recognizing face and finger image using learning vector quantization (lvq)-based template key generation - Mr.V.Arulkumar, Dr.P.Vivekanandan, Dr.C.Selvan, Dr.Albert raj, Dr.K.N.Sivabalan, Dr.V.Anandkumar	Published	202041035826 A	04.09.2020
4	lot based Border Alerting System for Tamilnadu Fisherman - Ms.S.Biruntha, Ms.J.Boopala, Ms.K.Devipriya, Dr.D.Prabha, Ms.A.Pushpalatha, Ms.R.Gowthamani, Mr.R.Balaji, Mr.R.Manikandan	Published	202041000963 A	28.02.2020
5	Intelligent Wheelchair With Voice User Interface (VUI) System for Disabled and Elderly using iot - Dr.J.Janet, Mr.S.Sureshkumar Dr.K.N.Sivabalan (IT) Ms.D.Srivaishnav I (CSE) Mr.KR.Senthil Murugan Mr.R.Siva Subramaniyan(Mech) Ms.P.Anitha, (ECE)	Published	202041007185 A	28.02.2020
6	Intelligent Energy Recycle System Through Ceiling Fan - Dr. S. A. Sivakumar, Dr. B. Maruthi Shankar, Mr. Dharmesh Dhabliya, , Mrs. Ritika Dhabliya, Dr. Nitin P. Sherje, Mr. Amol Dhumane, Mr.T.Vignesh	Published	202041023191	12.06.2020
7	Smart Cognitive Radio Technology-Based Kit For V2V Communication - Mr. J. R. Dinesh Kumar, Mr. S. P. Karthi, , Mrs. B. Anishfathima, Ms. B. Vidhya, Ms. P. Vinesha, Ms. K. Sowmiya, Mr. G. Siva, Mr. N. Gowtham, Mr. V. Srikanth	Published	202041041648	09.10.2020
8	Accurate Vibrational Spectroscopic Wavenumber Determination System - Dr.Selvaraj Shalini Packiam Kamala, , Ms.Arumugam Lakshmi Priya, Ms.Narayanan Sathiyapriya, Dr.Thirumalai Brindha, Mrs. Dhandapani Tharani, Ms.Deva Aruldhas Janeera, Ms.Duraisingh Ruth Anita Shirley	Published	202041044147	23.10.2020
9	Acoustic Soft Noise Cancellation In Headphone Using Sharc - Dr J Rejina Parvin, Mr N Jeeva , Mr D Sathish Kumar , Ms U Vanitha , Dr S Karthika , Dr Nm Massoodha Banu , Dr I Bhagyalakshmi , Mr R Rajkumar , Ms Sushma S Jagtap , Ms Md Saranya	Published	202041043299	09.10.2020

10	A Contactless Thermostat For The Measurement Of Calefaction Using Cnn In Public Area During Pandemic Period - Mr.J.R.Dinesh Kumar , , Dr.Venkatesalu Ramasamy Balaji , Ms. K. Priyadharsini , Mr. C. Visvesvaran , Mr.S.P.Karthi , Mr. R. Sarath Kumar , Ms. D.V. Soundari, Dr. S. Karthika, Dr. C. Ganeshbabu , Dr.S.A.Sivakumar, Dr.S.Chinnapparaj	Published	202041047321	06.11.2020
11	Management Of Dense Cloud Removal From Landsat Images Using Deep Neighbour-Pixel Embedding Technique - R.Rajmohan, T.Ananth Kumar, K. Veerakumar, Puneet Joshi, Ahila A, Prashanth G K, S. Sophi, Balaji J, S. R. Boselin Prabhu, Thangaraja Arumugam	Published	202041047038	20.11.2020
12	Brain Tumor Detection In Pet Scan Images Using Extended U-Net Framework With Vgg-16 Encoder - R. Rajmohan, T. Ananth Kumar, Thangaraja Arumugam, Hamid Alasadi, M. Vargheese, Prashanth P A, S. R. Boselin Prabhu, Prashanth G K, S. Sophia, Puneet Joshi	Published	202041047141	20.11.2020
13	Smart Sign Boards In National Highways For Road Safety Using Iot - Dr.A.Baseera, Dr. R. Sabitha , Dr.G.Sahaya Stalin Jose , A.Jackulin Mahariba , Dr. Bejoy.B.J, Dr C G Ravichandran , Mr. Besnet George , Dr. S. Sasipriya , Dr. S. A. Sivakumar	Published	202021048936 A	13.11.2020
14	Smart Ration Automated Teller Machine For Pandemic Situations - Dr Altaf O Mulani, Shrinivas Pandurang Ganjewar, Pankaj Suresh Kadu, Rahul Nandhakumar, Gajanan H Chavhan, Dr R Senthil Ganesh, Dr S A Sivakumar	Published	202021048830 A	13.11.2020
15	Novel Approach For Medical Record & Stock Inventory Optimization With Wot Enabled Ai Platform - Ms.K. Priyadharsini, Mr. J.R. Dinesh Kumar, Mr.T.Sathish, Ms. N.Nanthini, Ms. D. Devi, Dr.M. Karpagam, Dr.S.Chinnapparaj, Ms.A.Elakya, Mr. Kumararaja Malaisamy, Dr. B. Maruthi Shankar, Dr.S.A.Sivakumar	Published	202041053075	11.12.2020
16	Iot Enabled Smart Cart Billing System With Block Chain Security - Dr.J.Rejina Parvin, , Dr.S.Karthika, Mrs.U.Vanitha, Mrs.S.Shanthi, Mrs.S.Sivaranjani, Dr.K.C.Ramya, Dr.Sheeba Rani	Published	202041000388	17.01.2020
17	Smart Quality Check For Multiple Products Using Single Otg - Mr.B.Naga Rajesh, Dr.S.Sasipriya, Dr.R.Senthil Ganesh, Dr.B.Maruthi Shankar, Dr.S.A.Sivakumar, Dr.R.Naveen	Published	202041000595	17.01.2020
18	Smart Air And Noise Pollution Monitoring Kit - Dr. M. Karpagam, , Ms. P. Vinesha, Dr. D. Prabha, Mr. D. Anandakumar, Dr. A. Mohanraj, Ms. D. Devi	Published	202041004655	07.02.2020
19	Biometric Wellness Monitor - Dr.S.Sophia, Mrs.K.Suriya, Dr.J.Janet, Mr.K.Sowmiya, Ms.P.Vinesha, Dr.P.Thamaraiselvi	Published	202041005187	21.02.2020
20	Effective And Efficient Honey Harvest Alert System For Bee Farms - Dr.A.Albert Raj, Mr.S.Satheesh Kumar, Dr.S.Sophia, Dr.B.Maruthi Shankar, Mr.A.Beno, Mr.T.Vignesh, Mr.S.Jeeva, Mr.I.J.John Bharathkumar, Mr.L.K.Kiran, Mr.T.Kavin	Published	202041010011	13.03.2020

21	A Novel System Design For Intravenous Infusion System Monitoring For Betterment Of Health Monitoring System Using MI-Ai - Dr.S.A.Sivakumar, Mr.J.R.Dinesh Kumar, Dr.Venkatesalu Ramasamy Balaji, Mr.S.P.Karthi, Dr. B.Maruthi Shankar, Mr. C. Visvesvaran, Ms. K. Priyadharsini, Ms. D.V. Soundari, Mr. R. Sarath Kumar	Published	202041009990	13.03.2020
22	Techno-Afforestation System - Dr.S.A.Sivakumar, Dr.R.Naveen, Mr.K.Chandra Sekhar, Mr.Konduru Naveen Kumar Raju, Dr.B.Maruthi Shankar, Dr.R.Senthil Ganesh	Published	202041009984	13.03.2020
23	Electronic Currency Note Sterilizer Machine - Dr. S. A. Sivakumar, Dr. R. Naveen, Dr. B. Maruthi Shankar, Mr. Dharmesh Dhabliya, Mrs. Ritika Dhabliya, Dr. Nitin P. Sherje, Mr. Amol Dhumane	Published	202041015043	22.05.2020
24	Design of smart water quality monitoring system using iot Dr P Ramya Dr G Sophia Jasmine Ms D Magdalin Mary Mr D Vijayanandh Dr E B Priyanka Ms P Kalaivani Dr M Senthilkumar Dr P Ponmurugan	Published	202041051450 A	04.12.2020
25	IoT based Hardware Platform for Crypto Algorithm Analysis Dr.S.Sivaranjani Mr.S.Oswalt Manoj Ms.Antonitta Eileen Pious Dr.J.Mohamed Feros Khan Dr.V.Gomathy Mr.M.Manikandan Ms.V.K.G.Kalaiselvi Dr.V.Vijayalakshmi Ms.S.Sopia Mr.T.Kesavan Dr.S.Sheebarani Mr.R.Kaviyaraj	Published	2020141050020 A	27.11.2020
26	Intelligent Tracking System for Vehicles Dr.V.Gomathy T.Kesavan	Published	202041045939A	30.10.2020
27	Multisensor Automated Recongnition for Remote Sensing Applications Dr.T.Blesslin Sheeba Mr.Mohamed Feroz Khan Mr.R.Ilayaraja Dr.D.Ravikumar Ms.R.Sudha Mr.V.Kanagaraj Dr.K.C.Ramya Mr.T.Kesavan Mr.Sureshkumar Mr.T.Kaviyaraj	Published	202041046015 A	22.10.2020
28	IoT based Remote Monitoring System for Industrial Automation and a method for its implementation Dr.S.Sheeba Rani Dr.K.C.Ramya Ms.S.Sivaranjani Dr.V.Gomathy Dr.A.Radhika Dr.J.Karthika Dr.G.Radhakrishnan Mrs.R.Geethamani	Published	202041041108 A	16.10.2020
29	NBDCCI for Hybrid Electric Vehicle Applications Dr.S.Sheeba Rani, Dr.J.Janet, Dr.K.C.Ramya	Published	International Patent (PCT) - WIPO WO2020/161728 A1	13.08.2020

30	Health monitoring device for Pregnant Women and Fetal Dr.R.Sumathi Dr.A.Radhika Dr.J.Karthika Ms.A.Sruthi Ms.N.Subhalakshmi Mr.S.Gobhinath Mr.S.Karthikeyan	Published	202041005605A	21.02.2020
31	Sensor based Acoustic Energy Harvester for Low Voltage actuation Dr.V.Gomathy Dr.S.Sheeba Rani Mr.T.Kesavan Dr.K.C.Ramya Ms.S.Sivaranjani Mr.R.Kavin Mr.K.Muthukumar Mr.V.V.Vineeth Dr.G.Radhakrishnan R.Geethamani	Published	202041000387 A	17.01.2020
32	Method for emotion detection for mentally retarded person using machine learning - Dr. K. N. SIVABALAN	Published	202041002879	22.01.2020
33	IOT Based Odor Detector and Alert System in Public Toilets - Dr N Susila, Dr V Anandkumar, Mr T R Kalaiarasan, Ms SruthiAnand	Published	202041003666	07.02.2020
34	IOT Integrated Water Purifier with Ozone Generator - Dr.M.Rajkumar	Published	202031037257	18.09.2020
35	A System for Identification of a Suspect and a Method Thereof - Dr.A.Sajeev Ram	Published	202041054361	18.12.2020
36	Smart accessible ATM for Visually Impaired - Ms.V.R.Azhaguramyaa Dr. J. JANET, Ms.J.Fenila Naomi, Mr.Ra.Theepavishal, Mr.K.S.Madhuaravindh Mr.V.Tharuneshwar, Mr.T.Sivakumar	Published	202041009468	24/04/2020
37	Smart air and noise pollution monitoring kit - Dr. M. KARPAGAM Ms. P. VINESHA Dr. D. PRABHA Mr. D. ANANDAKUMAR Dr. A. MOHANRAJ Ms. D. DEVI	Published	202041004655 A	02-07-20
38	Automatic parts counting machine in the conveyor -Dr.S.Dinesh Kumar Dr S. Karthikumar K KRISHNA KUMAR Dr.R.Kavitha V. P. Srinivasan Dr.G.Radhakrishnan J.Dhiyaneswaran Vinosh M S. Balamurugan Ranjith Kumar G S Mohamed Raakin Vignesh T	Published	202041001297	11.01.2020
39	Automatic coconut processing machine -Ms.S.Kannaki Dr.T.A.Selvan T.Vignesh S.Madhankumar S.Panneerselvam Satheeshwaran G Theerthana R Vikashini T	Published	202041001091A	17.01.2020
40	LM13 Aluminium alloy - steel fiber reinforced composites for automobile pistons -Dr.C.Samson Jerold Samuel Dr.A.Ramesh S.Gnanasekaran S.Sivananthan M.Vimal Raja Dr.A.Umesh Bala G.Arulprakasam C.Subramanian Dr.R.Varahamoorthi B.Prakash Mr.T.Vignesh Dr.K.Balasubramanian	Published	202041005537	07.02.2020
41	Health Monitoring device for pregnant women and fetal - Dr.R.Sumathi Dr A.Radhika Dr.J.Karthika Ms.A.Sruthi Ms.N.Subha lakshmi Mr.Vignesh, T Dr.M.Rajkumar Mr.S.Gobhinath Mr.S. Karthikeyan	Published	202041005605	08.02.2020
42	Automatic yarn carrier sorter based on colors-K. Ananthi J. IndiraPriyadarshini P. M. Arunkumar S. Panneerselvam T. Sivaranjani	Published	20204106384A	21.02.2020

43	EC Transit Electric Vehicle wireless charging during Transit -S.Nithya Priya H.Surya Kumar S.Kannaki Dr.T.A.Selvan Ranjith Kumar Nibin Sabari Anand T.Vignesh	Published	202041010080	09.03.2020
44	Automated Jasmine flower extracting Robot using Image Processing - K. Ananthi M. Muralikrishna KS Vasanth A. Srisaran R. Soundarapandiyan	Published	202041010759	20.03.2020
45	UV Sterilisation for all virus - Dr.I.Pradeep Dr. Ragavi Jaganadan.H T.Vignesh	Published	202041016532	05.06.2020
46	IOT based Remote Monitoring system for Industrial Automation and a method for its implementation - Dr.K.C.Ramya, Dr.S.Sivaranjani,Dr.V.Gomathy,Dr.J.Karthika,Dr..G.Radhakrishnan, Dr.D.Pritima	Published	202041041108	16.10.2020
47	Sensor Based UAV Mapping for Precision Agriculture - Dr.G.Ignisha Rajathi, Ms.S.Sophia, Ms.D.Ruth Anita Shirley, Ms.D.A.Janeera, Ms.K.Ananthi,	Published	202041045223 A	30.10.2020
48	Real time monitoring and tracking of motor vehicles using IOT - Dr. S. Om Prakash Dr.C.R.Rathish - K. Karpagavadivu Dr. N.A. Natraj Dr. P.Ashok Dr.V.Jayaraj	Published	202011050686 A	04.12.2020
49	An efficient feature selection for color face recognition using hidden markov model and particle swarm optimization with image key generation - Dr.K.C.Ramya Dr.J.Janet Dr.S.Sheeba Rani Dr.V.Gomathy S.Sivaranjani G.Radhakrishnan R.Sumathy k.VinothKumar S.Sureshkumar A.Radhika Dr.D.Pritima Dr.B.Stalin	Published	202041035952	04.09.2020
50	An intelligent technique for uniquely recognizing face and finger image using learning vector quantization (LVQ) based template key generation - Mr.V.Arulkumar Dr.P.Vivekanandan Dr.C.Selvan Dr.Albert Raj Dr.V.Anandkumar Mr.T.R.Kalaiarasan Mr.A.M.Ratheeshkumar Mrs.A.Benazir Begum T.Vignesh	Published	202041035826	04.09.2020
51	Smart digitech pen apparatus design for human handwriting replica hands free from audio or soft copy of typed text - Dr.S.Balakrishnan, Dr. G. Ignisha Rajathi, S. Oswalt Manoj	Published	202041053085 A	11.12.2020
52	A quality of service load balanced connected dominating set stochastic diffusion search (CDSSDS) network backbone for MANET - Dr.G. Ignisha Rajathi	Published	202041049905 A	27.11.2020
53	Sensor based UAV mapping for precisoin agriculture - Dr.G. Ignisha Rajathi	Published	202041045223 A	30.10.2020
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55	Next generation Framework for Smart Building Monitoring using 6lowpan - Dr.S.Balakrishnan	Published	2020102608	11.11.2020
56	A Design and Development of Smart Aquaculture System in a Cloud Environment using iot - Dr.S.Balakrishnan	Published	201941054593	24.01.2020
57	lot based Train Monitoring System Through Data Acquisition Techniques - Dr.S.Balakrishnan	Published	201941054595	24.01.2020
58	Design Of Digital Acoustic Tracker For Cross Road Vehicle Management System - Dr.S.Balakrishnan	Published	202041007642	24.04.2020

59	IoT Enabled Optimization Scheme For Fishery Management System - Dr.S.Balakrishnan	Published	202041007643	24.04.2020
60	IoT Enabled Water Level and Quality Monitoring System for Lake - Dr.S.Balakrishnan	Published	202041036811	11.09.2020
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62	IoT Based Garbage Pail Monitoring System - Dr.S.Balakrishnan	Published	202041054169	18.12.2020
63	IoT Based Street Light Monitoring System - Dr.S.Balakrishnan	Published	202041054170	18.12.2020
64	IoT Based Plant Disease Detection Using Support Vector Machine Algorithm - Dr.S.Balakrishnan	Published	202021050705	25.12.2020
65	TOROIDAL SPHERICAL GROOVES PISTON BOWL TO ADAPT WASTE PLASTIC OIL ON CI ENGINE - Dr.N.K.Geetha	Published	201941052789 A	03.01.2020
66	SOLAR POWERED WI-FI CENTRAL ROUTER AT AUTONOMOUS INSTALLATION FOR RURAL AREAS - Dr.N.K.Geetha	Published	202041003310 A	31.01.2020
67	GRAPH THEORY MATRIX APPROACH FOR SELECTING STANDARD SCHOOL ASSESSMENT IN A SPECIFIC CITY - Dr.N.K.Geetha	Published	202041000659 A	10.01.2020
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73	Re-Engineered Bio Ro Water Purifier- S Balamurugan, Geetha, Udhaya moorthi	Published	202041000430A	10-01-2020
74	IoT Integrated Solar Based Smart Irrigation System - Nagaraju, Rajesh Kanna, Devendira, Sailaja, S Balamurugan	Published	202041005568A	14/02/2020
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76	LM13 Aluminium Alloy Steel Fiber Reinforced Composites For Automobile- Dr. C.Samson Jerald samuel, Dr.A Ramesh, Dr. S. Ganasekaran, Dr.R Varagamoorthi, G Prakash, Dr.A umesh bala	Published	202041005537A	14/02/2020
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79	Multistage Telescopic portable seater - N Ramachandiran, P Ashokavarthana, R Ramamoorthy, G Vignesh, S vignesh,	Published	202041008129A	28/02/2020
80	Intelligent Wheelchair with Voice User Interface System For Disabled And Elderly Using IoT - S Suresh Kumar, Dr J Janent, K N Sivabalan, Anitha, Srivaishnavi, Kaviyaraj	Published	202041007185A	28/02/2020
81	Railway track cleaning machine - J. Dhyaneshwaran, M. Vinosh, Shyamsundar, S Sansay, Shyamsundar, Sanjay, Yuvaraj K P, Sashi Kumar	Published	202041012575A	08-05-2020
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83	IoT Based natural UV passed room air sanitizer -Bhibu Prasath, Ritesh Kumar pattel, Umapriya R, Monalisa Mohanty, Subashree priadharshini, Dr. I. Jerene leno, Dr. M Sivaram kumar, Ramesh M, Narasimman, Dr S Kaliappan, Dr. P.Santhosh, S Balamurugan	Published	2.02031E+11	09-10-2020
84	Design and Development of soild inspection robot for agriculture field - Dr. Ravikumar Gurusamy, Murli Krishna kotha, Dr. R Abilan, Tarun Ghelot, Mohammed shabbaz, Akil kotha, Punikumar MB, Senthil Kumar S, C. Samson Jeralod, Rohan Kotha, Dr. T S Karthick, Dr.T Abiraham, Dr. T C Manjunath.	Published	202041051571A	04-12-2020
85	Automatic Multipurpose Bed for Paralytic Attacked, Paraplegic Patients And Differently Abled And Senior Citizens - Dr. C. Samson Jerald samuel, Dr. T A selvam, S. Sneha, S. Kumaran, Pechimuthu, R. Nithin viyas, R Sanjeeve.	Published	201941048874A	13/12/2020

86	Waste sorting robot for sanitation - V P srinivasan, M. Balakarthish, Aswin shriram, A R Dhanush Prabhu, S. Dhevadhashran	Published	202041010996A	23/03/2020
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90	IoT Based Wearable Sanitizer Dispenser with Calorie Monitoring Device Dr. S. Kaliappan, Dr.S. Ramachandiran, Dr. B.Thiyaneswaran, Dr. Anguraj Kandhasamy, E. Madan Kumar, Dr. K.Selvaraj, Mr. N.Jegadeesh, P.Jeyabharathi, Sudhakar T, V P srinivasan	Published	202041031779 A	21/08/2020
91	Energy Harvesting by Piezoelectric Sensor Array in Road Using Internet of Things - Dr.J.Janet, Mr.S.Sureshkumar, Dr.G.Radhakrishnan (EEE), Mr.KR.Senthil Murugan, Ms.D.Srivaishnavi, Mr.Vignesh.T(MCT)	Published	201941051960 A	20.12.2019
92	Power Transfer of Grid connected wind farm system using an interface power flow controller - Dr.G.Radhakrishnan S.sureshkumar elamcheren.s Vignesh.T	Published	201941051202	20.12.2019
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95	An Intelligent Helmet System for Collision Avoidance by Alerting the Two Wheeler Rider - Dr.H.Azath Dr.K.Sasi Kala Rani	Published	201941045724	29.11.2019
96	Smart Interaction System for Patients affected by locked in syndrome - Dr.J.Janet Ms.A.Priya Dr.S.Balakrishnan Dr.J.P.Ananth Dr.S.Sheeba Rani C.Sibiya S.Parvathy Nathan	Published	201941038209A	18.10.2019
97	System for online health monitoring using iot based wearable device - Dr.H.Azath	Published	201941041034	10.10.2019
98	Micro & Macronutrients Prediction In Soil For Optimizing Plant Growth Using Machine Learning & IoT - Dr. V.R. Balaji, Mr.J.R.Dineshkumar, Mr.S.P.Karthi, Mr.R.Sarathkumar, Mr.C.Visveswaran	Published	201941042942	01.11.2019
99	Development Of An IoT Based Economized Wearable Navigation Antenna To Safeguard Mentally Challenged People. - Dr.V.Nandalal, Dr.B.Maruthi Shankar, Dr.D.Selvakumar, V.Karthik, K.Suriya Mr.T.Vignesh	Published	201941050598	13.12.2019
100	Power Transfer of Grid connected wind farm using an Interline power flow controller Dr.G. Radhakrishnan Mr. S. Elam Cheren Mr. S. Sureshkumar, CSE Mr. T. Vignesh, MCT	Published	201941051202 A	20.12.2019

101	Smart Walking Stick Dr.K.Lakshmi, Mr.Loganathan, Mr.Senthil Kumar, Mr.Maideen Abdhulkader Jeylani, Ms.Malini and Ms. Selvanayakam S.R.Cibisakaravarthi N.Chandrasekaran R.Hari Priyanga K.Harsha Varthini	Published	201941045736 A	29.11.2019
102	Smart Circuit Breaker Mr.S.Boobalan Mr.Maideen Abdhulkader Jeylani Dhamalingam.A Jayaprakash.A Poovarasam.M Poovendan.K Sneha.R	Published	201941037698 A	27.09.2019
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