

# International Research Journal of Multidisciplinary Technovation

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## Scopus Citations

S. No	IRJMT Article	Scopus Cited Articles
1	<p>A Subashini, Sandhiya K, S Saranya, U Harsha, Forecasting Website Traffic Using Prophet Time Series Model, <i>International Research Journal of Multidisciplinary Technovation</i>, 1(1) (2019) 56-63. <a href="https://doi.org/10.34256/irjmt1917">https://doi.org/10.34256/irjmt1917</a></p>	<ol style="list-style-type: none"> <li>1. Resa Septiani Pontoh, S Zahroh, H R Nurahman, R I Aprillion, A Ramdani and D I Akmal, Applied of feed-forward neural network and facebook prophet model for train passengers forecasting, <i>Journal of Physics: Conference Series</i>, 2021, 1776 012057 <a href="https://doi.org/10.1088/1742-6596/1776/1/012057">https://doi.org/10.1088/1742-6596/1776/1/012057</a></li> <li>2. Maria Jones G., Winster S.G. (2021) Prediction of Novel Coronavirus (nCOVID-19) Propagation Based on SEIR, ARIMA and Prophet Model. In: Khosla P.K., Mittal M., Sharma D., Goyal L.M. (eds) <i>Predictive and Preventive Measures for Covid-19 Pandemic. Algorithms for Intelligent Systems</i>. Springer, Singapore. <a href="https://doi.org/10.1007/978-981-33-4236-1_11">https://doi.org/10.1007/978-981-33-4236-1_11</a></li> <li>3. Toni Toharudin, Resa Septiani Pontoh, Rezzy Eko Caraka, Solichatus Zahroh, Youngjo Lee &amp; Rung Ching Chen (2021) Employing long short-term memory and Facebook prophet model in air temperature forecasting, <i>Communications in Statistics - Simulation and Computation</i>, <a href="https://doi.org/10.1080/03610918.2020.1854302">https://doi.org/10.1080/03610918.2020.1854302</a></li> <li>4. Hetty Rohayani, Harco Leslie Hendric Spits Warnars, Tuga Mauritsius, Edi Abdurrachman, Wind speed forecasting in big data and machine learning: from presents, opportunities and future trends, <i>Communications in Mathematical Biology and Neuroscience 2021</i> (2021), Article ID 16</li> </ol>
2	<p>S.N. Shreenivasan, C. Chinnasamy, Experimental studies on Diesel Engine using Aluminium Nano Particles as Additives, <i>International Research Journal of Multidisciplinary Technovation</i>, 1(1)</p>	<ol style="list-style-type: none"> <li>1. Mohammed S Gad, Sayed M Abdel Razek, PV Manu, Simon Jayaraj, Experimental investigations on diesel engine using alumina nanoparticle fuel additive, <i>Advances in Mechanical Engineering</i>, Volume: 13 issue: 2 (2021). <a href="https://doi.org/10.1177/1687814020988402">https://doi.org/10.1177/1687814020988402</a></li> </ol>

	(2019) 70-79. <a href="https://doi.org/10.34256/irjmt1919">https://doi.org/10.34256/irjmt1919</a>	2. Vara Lakshmi, R., Jaikumar, S. & Srinivas, V. A Comprehensive Review on the Effect of Nanoparticle Dispersed Diesel–Biodiesel Blends Fuelled CI Engine. <i>J. Inst. Eng. India Ser. C</i> (2021). <a href="https://doi.org/10.1007/s40032-021-00661-3">https://doi.org/10.1007/s40032-021-00661-3</a>
3	Sowndharya V, Savitha P, Hebziba Jeba Rani S, Smart waste segregation and monitoring system using IoT, International Research Journal of Multidisciplinary Technovation, 1(2) (2019) 1-10. <a href="https://doi.org/10.34256/irjmt1921">https://doi.org/10.34256/irjmt1921</a>	Manu Sharma, Sudhanshu Joshi, Devika Kannan, Kannan Govindan, Rohit Singh, H.C. Purohita, Internet of Things (IoT) adoption barriers of smart cities' waste management: An Indian context, Journal of Cleaner Production, 270 (2020) 122047. <a href="https://doi.org/10.1016/j.jclepro.2020.122047">https://doi.org/10.1016/j.jclepro.2020.122047</a>
4	Anusha Nambirajam K, Siva Subramanian T, Priyadarshini R, An Intelligent System for Accurate Prediction and Detection of Alzheimer's Disease, International Research Journal of Multidisciplinary Technovation, 1(2) (2019) 51-56. <a href="https://doi.org/10.34256/irjmt1926">https://doi.org/10.34256/irjmt1926</a>	Marwa J. M. Zedan, Fawziya Mahmood Ramo, Predicting Alzheimer's Disease using Grey Wolf Intelligent Algorithm, International Journal of Mathematics and Computer Science, 15(2020), no. 4, 993–1003.
5	Punitavathi D, Shinu V, Siva Kumar S, Vidhya Priya S P, Online Job and Candidate Recommendation System. International Research Journal of Multidisciplinary Technovation, 1(2) (2019) 84-89. <a href="https://doi.org/10.34256/irjmt19212">https://doi.org/10.34256/irjmt19212</a>	Malek Alksasbeh, Tamer Abukhalil, Bassam A.Y. Alqaralleh, Mohammed Al-kaseasbeh, Smartjob searching system based on information retrieval techniques and similarity of fuzzy parameterized sets, International Journal of Electrical and Computer Engineering (IJECE), Vol.11, No.1, (2021) 636-645, <a href="https://doi.org/10.11591/ijece.v11i1.pp636-645">https://doi.org/10.11591/ijece.v11i1.pp636-645</a>
6	Sangeetha R, Harshini B, Shanmugapriya A, Rajagopal T.K.P., Electronic Health Record System using Blockchain, International Research Journal of Multidisciplinary Technovation, 1(2) (2019) 57-61. <a href="https://doi.org/10.34256/irjmt1927">https://doi.org/10.34256/irjmt1927</a>	S. A. Nusrat, J. Ferdous, S. B. Ajmat, A. Ali and G. Sorwar, "Telemedicine System Design using Blockchain in Bangladesh," 2019 IEEE Asia-Pacific Conference on Computer Science and Data Engineering (CSDE), Melbourne, VIC, Australia, 2019, pp. 1-5, <a href="https://doi.org/10.1109/CSDE48274.2019.9162401">https://doi.org/10.1109/CSDE48274.2019.9162401</a>
7	Manikandan B, Kishore R, Saran Kumar K, Suriya S, Vivek K V, Enhanced Security for ATM Machine with OTP and Facial Recognition Features, International Research Journal of Multidisciplinary Technovation, 1(2) (2019) 106-110. <a href="https://doi.org/10.34256/irjmt19215">https://doi.org/10.34256/irjmt19215</a>	Li Wang, Ali Akbar Siddique, Facial recognition system using LBPH face recognizer for anti-theft and surveillance application based on drone technology, Measurement and Control, Volume: 53 issue: 7-8, page(s): 1070-1077. <a href="https://doi.org/10.1177/0020294020932344">https://doi.org/10.1177/0020294020932344</a>
8	Yamuna R, Geetha R, Gowdhankumar S, Jambulingam S, Smart Distribution Transformer Monitoring and Controlling using IoT, International Research Journal of Multidisciplinary Technovation, 1(2), 111-115. <a href="https://doi.org/10.34256/irjmt19216">https://doi.org/10.34256/irjmt19216</a>	1. W. K. A. Hasan, A. Alraddad, A. Ashour, Y. Ran, M. A. Alkelsh and R. A. M. Ajele, "Design and Implementation Smart Transformer based on IoT," 2019 International Conference on Computing, Electronics & Communications Engineering (iCCECE), London, UK, 2019, pp. 16-21, <a href="https://doi.org/10.1109/iCCECE46942.2019.8941980">https://doi.org/10.1109/iCCECE46942.2019.8941980</a>

		<p>2. Joshua Arockia Dhanraj, Balachandar Krishnamurthy, Kuppan Chetty Ramanathan, A K Saravanan and Jeya Krishna Ganapathy Raman, Design on IoT Based Real Time Transformer Performance Monitoring System for Enhancing the Safety Measures, 2020 IOP Conference Series.: Materials Science and Engineering. 988 012076. <a href="https://doi.org/10.1088/1757-899X/988/1/012076">https://doi.org/10.1088/1757-899X/988/1/012076</a></p>
9	<p>Ganesh Prabhu S, Karthik S, Sathesh Kumar, Thirrunavukkarasu RR, Logeshkumar S, Solar Powered Robotic Vehicle for Optimal Battery Charging Using PIC Microcontroller, International Research Journal of Multidisciplinary Technovation, 1(2) (2019) 130-136. <a href="https://doi.org/10.34256/irjmt19218">https://doi.org/10.34256/irjmt19218</a></p>	<p>1. S. Karthik et al., "Ameliorated Reversibility in RDH-DSC of AES Encrypted Images for providing Authentication," <i>2020 International Conference on Communication and Signal Processing (ICCSP)</i>, Chennai, India, 2020, pp. 1584-1588, <a href="https://doi.org/10.1109/ICCSP48568.2020.9182309">https://doi.org/10.1109/ICCSP48568.2020.9182309</a></p> <p>2. R. Kumar S., S. Kaviarasu, K. Kumar M., K. Saran, J. Karthikeyan and S. Kumar S., "Self Operating Paint Bot," <i>2020 5th International Conference on Devices, Circuits and Systems (ICDCS)</i>, Coimbatore, India, 2020, pp. 211-214, <a href="https://doi.org/10.1109/ICDCS48716.2020.243583">https://doi.org/10.1109/ICDCS48716.2020.243583</a></p>
10	<p>Sandhya Devarajan, Chitra S, Load Forecasting Model for Energy Management System using Elman Neural Network, International Research Journal of Multidisciplinary Technovation, 1(3) (2019) 48-56. <a href="https://doi.org/10.34256/irjmt1936">https://doi.org/10.34256/irjmt1936</a></p>	<p>1. Adil M., Javid N., Daood N., Asim M., Ullah I., Bilal M. (2020) Big Data Based Electricity Price Forecasting Using Enhanced Convolutional Neural Network in the Smart Grid. In: Barolli L., Amato F., Moscato F., Enokido T., Takizawa M. (eds) <i>Web, Artificial Intelligence and Network Applications. WAINA 2020. Advances in Intelligent Systems and Computing</i>, vol 1150. Springer, Cham. <a href="https://doi.org/10.1007/978-3-030-44038-1_109">https://doi.org/10.1007/978-3-030-44038-1_109</a></p> <p>2. K. Bhatia, R. Mittal, Nisha and M. M. Tripathi, "A Multi-Phase Ensemble Model for Long Term Hourly Load Forecasting," <i>2020 IEEE 7th International Conference on Industrial Engineering and Applications (ICIEA)</i>, Bangkok, Thailand, 2020, pp. 592-598, <a href="https://doi.org/10.1109/ICIEA49774.2020.9102076">https://doi.org/10.1109/ICIEA49774.2020.9102076</a></p>
11	<p>Keerthivasan G, Aishwarya G, Jawahar G, Muthukumar C, Applications of IOT in Smart Cities and Smart Environment, International Research Journal of Multidisciplinary Technovation, 1(6), (2019) 7-17. <a href="https://doi.org/10.34256/irjmtcon2">https://doi.org/10.34256/irjmtcon2</a></p>	<p>Manu Sharma, Sudhanshu Joshi, Devika Kannan, Kannan Govindan, Rohit Singh, H.C. Purohita, Internet of Things (IoT) adoption barriers of smart cities' waste management: An Indian context, <i>Journal of Cleaner Production</i>, 270 (2020) 122047. <a href="https://doi.org/10.1016/j.jclepro.2020.122047">https://doi.org/10.1016/j.jclepro.2020.122047</a></p>
12	<p>Vaishnave A.K, Jenisha S.T, Tamil Selvi S, IoT Based Heart Attack Detection, Heart Rate and Temperature Monitor, International Research Journal of</p>	<p>E. A. -A. Karajah and I. Ishaq, "Online Monitoring Health Station Using Arduino Mobile Connected to Cloud service: "Heart Monitor" System," <i>2020 International Conference on Promising Electronic Technologies</i></p>

	Multidisciplinary Technovation, 1(6), (2019) 61-70. <a href="https://doi.org/10.34256/irjmtcon9">https://doi.org/10.34256/irjmtcon9</a>	(ICPET), Jerusalem, Palestine, 2020, pp. 38-43, <a href="https://doi.org/10.1109/ICPET51420.2020.00016">https://doi.org/10.1109/ICPET51420.2020.00016</a>
13	Balaramesh C, Jerin L, Hari Krishna K, Shanmugam G, Asbin Thomas Wizar L, Sustainable Diabetic Retinopathy Diagnosis System Using Iot, International Research Journal of Multidisciplinary Technovation, 1(6) (2019) 71-80. <a href="https://doi.org/10.34256/irjmtcon10">https://doi.org/10.34256/irjmtcon10</a>	Sengathir Janakiraman, Deva Priya M., Christy Jeba Malar A., Karthick S., Anitha Rajakumari P., (2021), "Reliable IoT-based Health-care System for Diabetic Retinopathy Diagnosis to defend the Vision of Patients", International Journal of Pervasive Computing and Communications, Vol. ahead-of-print No. ahead-of-print. <a href="https://doi.org/10.1108/IJPCC-08-2020-0109">https://doi.org/10.1108/IJPCC-08-2020-0109</a>
14	Kumaresan Kowsalya, Nandakumar Vidya, Vijayraj Vijayalakshmi, Muthukrishnan Arun, Super Nutritive Marine Astaxanthin, an Effectual Dietary Carotenoid for Neurodegenerative Diseases. International Research Journal of Multidisciplinary Technovation, 1(6) (2019) 115-124. <a href="https://doi.org/10.34256/irjmtcon14">https://doi.org/10.34256/irjmtcon14</a>	1. Bhatt, T., Patel, K. Carotenoids: Potent to Prevent Diseases Review. Natural Products and Bioprospecting, 10, 109–117 (2020). <a href="https://doi.org/10.1007/s13659-020-00244-2">https://doi.org/10.1007/s13659-020-00244-2</a> 2. Padmanabh Singh, Thamil Mani Sivanandam, Arpita Konar, M.K. Thakur, Role of nutraceuticals in cognition during aging and related disorders, Neurochemistry International, Volume 143, February 2021, 104928 <a href="https://doi.org/10.1016/j.neuint.2020.104928">https://doi.org/10.1016/j.neuint.2020.104928</a>
15	Ajeeth Pandian M, Saranya S, Lakshmi Rathi R, Kiruthika G, Anita S, Food waste management – Survey on current trends around Erode, Tamil Nadu, International Research Journal of Multidisciplinary Technovation, 1(6) (2019) 387-393. <a href="https://doi.org/10.34256/irjmtcon52">https://doi.org/10.34256/irjmtcon52</a>	Tarit Kumar Baul, Anirban Sarker, Tapan Kumar Nath, Restaurants' waste in Chittagong city, Bangladesh: Current management, awareness on environmental hazard and perception towards potential uses, Journal of Cleaner Production Volume 292, 10 April 2021, 126073. <a href="https://doi.org/10.1016/j.jclepro.2021.126073">https://doi.org/10.1016/j.jclepro.2021.126073</a>
16	Sowndharya D, Kathirvel M, Yuvaraj K, Strengthening of RC Beam using Numerous Natural Fibre Laminates - a Review, International Research Journal of Multidisciplinary Technovation, 1(6) (2019) 394-399. <a href="https://doi.org/10.34256/irjmtcon53">https://doi.org/10.34256/irjmtcon53</a>	Shadmand, M., Hedayatnasab, A., Kohnehpooshi, O. (2020). 'Retrofitting of Reinforced Concrete Beams with Steel Fiber Reinforced Composite Jackets', <i>International Journal of Engineering</i> , 33(5), pp. 770-783. <a href="https://doi.org/10.5829/ije.2020.33.05b.08">https://doi.org/10.5829/ije.2020.33.05b.08</a>
17	Gunasekar S, Ramesh N, Shivani G, Effective Utilisation of Construction and Demolition Waste (Cdw) As Recycled Aggregate in Concrete Construction – A Critical Review, International Research Journal of Multidisciplinary Technovation, 1(6) (2019) 465-469. <a href="https://doi.org/10.34256/irjmtcon65">https://doi.org/10.34256/irjmtcon65</a>	Rocio R. Gallegos-Villela, Fabian D. Larrea-Zambrano, Clara E. Goyes-Lopez, Josue F. Perez-Sanchez, Edgardo J. Suarez-Dominguez & Arturo Palacio-Perez   Giuseppe Brando (Reviewing editor) (2021) Effect of natural additives on concrete mechanical properties, Cogent Engineering, 8:1, <a href="https://doi.org/10.1080/23311916.2020.1870790">https://doi.org/10.1080/23311916.2020.1870790</a>
18	Brindhalakshmi M.L., Arul Nivetha R, Kayalvizhi T, Gunasekar S, Potential Utilization of Sugarcane Bagasse Ash (Scba) In Concrete – An Experimental Review, International Research Journal of Multidisciplinary Technovation, 1(6) (2019)	QingYan Zhang, Hualei Li, Hongwei Feng, Tao Jiang, Effect of Bagasse Ash Admixture on Corrosion Behavior of Low Carbon Steel Reinforced Concrete in Marine Environment, International Journal of Electrochemical Science, 15 (2020) 6135 – 6142, <a href="https://doi.org/10.20964/2020.07.65">https://doi.org/10.20964/2020.07.65</a>

	475-479. <a href="https://doi.org/10.34256/irjmtcon67">https://doi.org/10.34256/irjmtcon67</a>	
19	Sharmiladevi S, Ramesh N, Ramesh S, Production of Bio Degradable Bags Using cassava Starch, International Research Journal of Multidisciplinary Technovation, 1(6) (2019) 553-559. <a href="https://doi.org/10.34256/irjmtcon80">https://doi.org/10.34256/irjmtcon80</a>	R. Kiruba Shankar, M. G. Ramjee, M. Saran, S. Sasivengat, Design And Fabrication Of Sprig Cassava Chopping Machine For Farmers, International Journal of Scientific & Technology Research VOLUME 9, ISSUE 02, FEBRUARY 2020 4984-4986.
20	Kowsalya Mani, Iniyan vasanth S, Study on Mobile Applications for Water Quality in Specific to Irrigation Sector. <i>International Research Journal of Multidisciplinary Technovation</i> , 1(6) (2019) 588-596. <a href="https://doi.org/10.34256/irjmtcon84">https://doi.org/10.34256/irjmtcon84</a>	1. Pragya Hejib and Enakshi K. Sharma, All optical wavelength converter using four wave mixing in semiconductor optical amplifier, AIP Conference Proceedings 2224, 060002 (2020); <a href="https://doi.org/10.1063/5.0000788">https://doi.org/10.1063/5.0000788</a> 2. Kowsalya Mani and Krishnaveni Muthiah, Qualitative assessment of stagnated surface water using geo-informatics, AIP Conference Proceedings 2240, 140005 (2020); <a href="https://doi.org/10.1063/5.0011018">https://doi.org/10.1063/5.0011018</a>
21	Suganthi M, Ramesh N, Sivakumar C.T, Vidhya K, Physiochemical Analysis of Ground Water used for Domestic needs in the Area of Perundurai in Erode District, International Research Journal of Multidisciplinary Technovation, 1(6), 630-635. <a href="https://doi.org/10.34256/irjmtcon89">https://doi.org/10.34256/irjmtcon89</a>	Pradeep Thirumoorthy, Dhivyadarsini Ramesh Gowtham Senthilkumar, and Ghugaanesh Maheswaran, Assessment of groundwater pollution in North Erode city, AIP Conference Proceedings 2240, 130002 (2020); <a href="https://doi.org/10.1063/5.0010997">https://doi.org/10.1063/5.0010997</a>
22	Mohan S, Vidhya K, Sivakumar C.T, Sugnathi M, Shanmugavadivu V, Devi M, Textile Waste Water Treatment by Using Natural Coagulant (Neem-Azadirachta India), International Research Journal of Multidisciplinary Technovation, 1(6), 636-642. <a href="https://doi.org/10.34256/irjmtcon90">https://doi.org/10.34256/irjmtcon90</a>	Wei, F.; Shahid, M.J.; Alnusairi, G.S.H.; Afzal, M.; Khan, A.; El-Esawi, M.A.; Abbas, Z.; Wei, K.; Zaheer, I.E.; Rizwan, M.; Ali, S. Implementation of Floating Treatment Wetlands for Textile Wastewater Management: A Review. <i>Sustainability</i> <b>2020</b> , <i>12</i> , 5801. <a href="https://doi.org/10.3390/su12145801">https://doi.org/10.3390/su12145801</a>
23	Poornesh Velineni, Jayasuriya Suresh, Naveen Kumar C, Suresh M, Design of Pneumatic Gripper for Pick and Place Operation (Four Jaw), International Research Journal of Multidisciplinary Technovation, 2(2) (2020) 1-8. <a href="https://doi.org/10.34256/irjmt2021">https://doi.org/10.34256/irjmt2021</a>	C. Sowmya Dhanalakshmi, P. Madhu, N. Hemachandran, V.E. Muthukumar and L.B Harish Arvinth, Design and Fabrication of Robotic Arm for the assembly of Phase Selector Switch, IOP Conference Series: Materials Science and Engineering (2020) 059 012032. <a href="https://doi.org/10.1088/1757-899X/1059/1/012032">https://doi.org/10.1088/1757-899X/1059/1/012032</a>