



**ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY**  
Surampalem, E.G(D), Andhra Pradesh

**Department of Information Technology**  
**Academic Year 2020-2021**

**Research Publications (Conference papers/Posters)**

Sl. No.	Name of the Faculty as Author	No of Authors	Main Author/ others	Title of the Paper	Name of the Conference	Date/s	Organized by with location	ISBN/ISSN Number	URL/DOI
1	Ch V Raghavendran	5	RVVN Bheema Rao SK Mahaboob Basha T.R. Mani Chigurupati RVS Lalitha	Performance analysis of Linear and Non-Linear Machine Learning models for forecasting Compressive strength of Concrete	International Conference on Advances in Computer Engineering & Communication Technology (ICACET-2021)	22-10-2021 & 23-10-2021	Aditya College of Engineering & Technology Virtual mode	1742-6596	doi:10.1088/issn.1742-6596 (Publication in progress)
2	R V V N Bheema Rao	5	Ch V Raghavendran S Srujan T Srinivasulu Ch S V V S N Murty	A Brief Bibliometric Analysis on Natural Language Processing and Computational Linguistics on Machine Translation	International Conference on Advances in Computer Engineering & Communication Technology (ICACET-2021)	22-10-2021 & 23-10-2021	Aditya College of Engineering & Technology Virtual mode	1742-6596	doi:10.1088/issn.1742-6596 (Publication in progress)

3	Srinivasulu Thiruveedula	4	Vempati Krishna Ch. V. Raghavendran Chandra Sekhar Kolli	A Bibliometric Analysis Of Blockchain Smart Contracts In Internet Of Things	International Conference on Advances in Computer Engineering & Communication Technology (ICACET-2021)	22-10- 2021 & 23-10- 2021	Aditya College of Engineering & Technology Virtual mode	1742-6596	doi:10.1088/issn.1742- 6596 (Publication in progress)
4	Ch.V. Raghavendran	4	G. Naga Satish NSL Kumar Kurumeti Shaik Mahaboob Basha	An Analysis on Classification models to predict possibility for type 2 Diabetes of a Patient	3rd International Conference on Innovative Data Communication Technologies and Application (ICIDCA 2021)	20th – 21st August, 2021	RVS College of Engineering & Technology, Coimbatore	2367-4512	Lecture Notes on Data Engineering and Communications Technologies (Publication in progress)
5	Ch.V. Raghavendran	4	G. Naga Satish Vempati Krishna RVS Lalitha	Forecasting Hourly Electrical Energy output of a Power plant using parametric models	Fourth International Conference Soft Computing And Signal Processing (ICSCSP-2021)	18th – 19th June, 2021	Malla Reddy College of Engineering & Technology, Hyderabad	978-981- 16-7087-9	<a href="https://link.springer.com/chapter/10.1007/978-981-16-7088-6_44">https://link.springer.com/ chapter/10.1007/978-981- 16-7088-6_44</a>
6	Ch.V. Raghavendran	6	R. V. Satya Lalitha Rayudu Srinivas K. Kavitha Pullela S. V. V. S. R. Kumar	Real Time Nitrogen, Phosphorus, Potassium (NPK) Detection in Soil using IoT	6th International Conference on Emerging Applications of Information Technology (EAIT 2020)	25th to 27th February, 2021	Computer Society of India (CSI) Kolkata Chapter and University of Kalyani	978-981- 16-4434-4	<a href="https://link.springer.com/chapter/10.1007/978-981-16-4435-1_39">https://link.springer.com/ chapter/10.1007/978-981- 16-4435-1_39</a>

			P. S. L. Sravanthi						
7	Ch.V. Raghavendran	4	Prathyusha K Helini K NSL Kumar Kurumeti	COVID-19 in India Lockdown analysis and future predictions using Regression models	IEEE Sponsored 11th International Conference- CONFLUENCE' 2021	28th and 29th January, 2021	Amity University, Noida	978-1-6654-1451-7	<a href="https://ieeexplore.ieee.org/document/9377052">https://ieeexplore.ieee.org/document/9377052</a> <a href="https://doi.org/10.1109/Confluence51648.2021.9377052">https://doi.org/10.1109/Confluence51648.2021.9377052</a>
8	Ch.V. Raghavendran	3	G. Naga Satish R. S. Murali Nath	Analysis of Covid Confirmed and Death Cases using different ML Algorithms	International Conference on Machine Learning, Internet of things and Big Data(ICMIB 2020)	19th and 20th September 2020	Indira Gandhi Institute of Technology, Sarang	978-981-33-6081-5	<a href="https://link.springer.com/chapter/10.1007/978-981-33-6081-5_7">https://link.springer.com/chapter/10.1007/978-981-33-6081-5_7</a>
9	Ch.V. Raghavendran	4	Ch. Pavan Venkata Vamsi T. Veerajuru Ravi Kishore Veluri	Predicting Student admissions rate into University using Machine Learning models	International Conference on Machine Intelligence and Soft Computing (ICMISC-2020)	3rd and 4th September, 2020	Vignan's Institute of Information Technology (A) Vishakhapatnam & VFSTR Deemed to be University Guntur	978-981-15-9515-8	<a href="https://link.springer.com/chapter/10.1007/978-981-15-9516-5_13">https://link.springer.com/chapter/10.1007/978-981-15-9516-5_13</a>
10	Ch.V. Raghavendran	3	G Naga Satish Ch Pavan Venkata Vamsi	Analyzing the Results of Regression Models in Machine	International Conference on Research Outlook, Innovations and	29th and 30th August, 2020	Research Outlook, Innovations and Research Trends in Science and	2581-5997	<a href="https://www.ijasrw.com/pdf/ICROIRT20/IJConfA32.pdf">https://www.ijasrw.com/pdf/ICROIRT20/IJConfA32.pdf</a>

				Learning for Predicting House Price	Research Trends (ICROIRT-2020)		Technology		
11	Kovvuri N Bhargavi	2	G Jaya Suma	Flood Water Quality Monitoring and Alerting System using IOT	International Conference on IoT Based Control Networks and Intelligent Systems ICICNIS 2020	10-12-2020 to 11-12-2020	St. Joseph's College of Engineering and Technology, Kerala	1556-5068	<a href="https://ssrn.com/abstract=3769115">https://ssrn.com/abstract=3769115</a> or <a href="http://dx.doi.org/10.2139/ssrn.3769115">http://dx.doi.org/10.2139/ssrn.3769115</a>
12	Regella Venkata Satya Lalitha	6	J Divya Lalitha K Kavitha Ramareddy T Rayudu Srinivas Ch Sujana	Prediction and Analysis of CORONA virus Disease (COVID-19) using CUBIST and One R	International Conference on Computer Vision, High Performance Computing, Smart Devices and Networks (CHSN-2020)	28-12-2020 to 29-12-2020	JNTUK, Kakinada	1757-899X	<a href="https://iopscience.iop.org/article/10.1088/1757-899X/1074/1/012022">https://iopscience.iop.org/article/10.1088/1757-899X/1074/1/012022</a>

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