**GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE – 641 013**

**DEPARTMENT OF CIVIL ENGINEERING**

**ACADEMIC YEAR 2019-2020**

1. Janani, S., Thenmozhi, R., & Jayagopal, L. S. “Theoretical investigations for the verification of shear centre and deflection of sigma section by back propagation neural network using python” Archives of Civil Engineering, 2019 Vol. 65, Issue.2, pp 181-192, https://doi.org/10.2478/ace-2019-0027

2. Prakash, R., Thenmozhi, R., Raman, S. N., & Subramanian, C., “Characterization of eco‐friendly steel fiber‐reinforced concrete containing waste coconut shell as coarse aggregates and fly ash as partial cement replacement” Structural Concrete, July 2019, Vol. 21, Issue 1, pg. 437-447, https://doi.org/10.1002/suco.201800355, Citations :30

3. Jithu JS, Rekha K, Thenmozhi R.,”Behaviour of Steel Fibre Reinforced Concrete Beam using Bagasse Ash”, IJRASET, Vol. 7, Issue V, May 2019, pg. 2631-2634

4. Sivakumar S, Rekha K, Thenmozhi R., “ Experimental study on the properties of Bagasse Ash Concrete with Steel Fibre”, IJRASET, Vol. 7, Issue V, May 2019, pg. 2093-2097

5. Arun kumar, M., Padmini, D., Makeshkumar, S., “Experimental Investigations on the Effective Utilisation of Granite Powder in Self Compacting Concrete” International Journal of Science & Research, December 2019, Vol 8, Issue 12, e-ISSN: 2319-7064, pg.: 913-919, https://www.ijsr.net/get\_abstract.php?paper\_id=ART20203270.

6. Priya, M., & Jeyanthi, J., “Removal of COD, oil and grease from automobile wash water effluent using electrocoagulation technique”, Microchemical Journal, Vol. 150, November 2019, 104070. https://doi.org/10.1016/j.microc.2019.104070, **Citations: 51**

7. Jayalakshmi, R., Jeyanthi, J., “Simultaneous removal of binary dye from textile effluent using cobalt ferrite-alginate nanocomposite: Performance and mechanism” Microchemical Journal, March 2019. Volume 145: p. 791-800, https://doi.org/10.1016/j.microc.2018.11.047, Citations :36

8. Sharmila, G., Muthukumaran, C., Suriya, E., Keerthana, R. M., Kamatchi, M., Kumar, N. M., ... & Jeyanthi, J. “Ultrasound aided extraction of yellow pigment from Tecoma castanifolia floral petals: Optimization by response surface method and evaluation of the antioxidant activity”, Industrial Crops and Products, Vol. 130, April 2019, pp 467-477, https://doi.org/10.1016/j.indcrop.2019.01.008, Citations :15

9. B. Nirosha, R. Selvakumar, J,Jeyanthi, S.Vairam,“Elaeocarpus Tectorius derived Phosphorusped Carbon as an electrode material for Asymmetric Supercapacitor”, New Journal of Chemisty, November 2019, Vol 44 Issue 1, pg.:181-193, https://doi.org/10.1039/C9NJ04813H, Citations: 26

10. Selvamano, J. G., Arul Raj, G. & Jeyanthi, J. “Identification of Rechargesites using GIS to control saltwater intrusion in Tuticorin district, India” Carribean Journal of Science, May 2019, Vol. 53, Issue 2, pp :299-308

11. Selvamano, J. G., Raj, G. P. A., & Jeyanthi, J. “Identification and control of saltwater intrusion by ADR approach in the coastal aquifers of Tuticorin, India” Applied Ecology and Environmental Research, January 2019, Vol. 17, Issue 2, pp :2593-2617, DOI : 10.15666/aeer/1702\_25932617

12. Lakshmi .TP, Meenambal T, Jeyanthi J, Ravikannan SP, Swathi S, “Assessment of Phytotoxicity in the Compost derived through different Techniques from Muncipal Solid Waste and Industrial Solids”, Waste management and Resource Efficinecy, Vol 44, Issue 6 , pg. 521-532 , doi: 10.1007/978-981-10-7290-1-44.

13. Meiaraj, C., & Jeyapriya, S. P. “Marine water quality studies at Tuticorin harbour coastal area”, Indian Journal of Geo-Marine Sciences, June 2019, Vol.48, Issue 6, pp. 943-946, http://nopr.niscpr.res.in/handle/123456789/48437, Citations :6

14. Meiaraj, C., & Jeyapriya, S. P. “Comparative study of evapo-transpiration and rainfall analysis of Pollachi watershed in Coimbatore, Tamil Nadu, India”, Indian Journal of Geo-Marine Sciences, June 2019 ,Vol.48 Issue 6, pp. 853-856., http://nopr.niscpr.res.in/handle/123456789/48447, Citations 1.

15. Meiaraj, C, C. Sashikumar, “Evaluation of Soil permeability and Aquifer parameters of Alanthurai watershed located at Coimbatore district in TamilNadu”, International Advanced Research Journal in Science, Engineering and Technology, 2019 Vol.7, Issue 3 , pp.109-114. , doi:10.17148/IARJSET.2020.7317

16. Dhivya Priya, N., Sivasakthi, S., Loganath, R., Balaji, R., Yaazhmozhi, K., Senophiyah-Mary, J., & Murugan, S., “A Study on Optimization of Pretreatment for Lipid Extraction from Rice Husk Using Oleaginous Yeast”, January 2019, Waste Valorisation and Recycling, pp. 263-272, DOI: 10.1007/978-981-13-2784-1\_25, Citation 1.

17. K. Jeyagomathi, Sathyapriya S, “Dispersion study on expansive clay using bottom ash and lime” Compliance Engineering Journal, January 2019, Vol.10, Issue 7,pp 87-95

18. Oorkalan, A., & Chithra, S. “Effect of Coconut Coir Pith as partial substitute for river sand in eco-friendly concrete”, Materials Today: Proceedings, July 2019, Vol. 21, pp.488-491, https://doi.org/10.1016/j.matpr.2019.06.639, Citations: 8

19. Oorkalan, A., Chithra, S., Balaji, R., Kumar, S. G., Kumar, J. K., & Kumar, T. K., “Experimental study on high volume fly ash concrete made with coir pith and quarry dust”, August 2019. Materials Today: Proceedings, Vol. 21, pg: 833-836, https://doi.org/10.1016/j.matpr.2019.07.588, Citations : 8

20. Chithra, R., Ramadevi, K., Chithra, S., & Mangaleshwaran, L. “Production of Medium Strength Self Compacting Concrete using Silica Fume and Quarry Dust”, August 2019. International Journal of Engineering and Advanced Technology, Vol. 8, pg.: 65-72, https://doi.org/10.35940/ijeat.F1013.0886S19, Citation :1

21. Mahakavi, P., Chithra, R., & Kavitha, K., “Effect of recycled coarse aggregate and foundry sand on the properties of self-compacting concrete” Magazine of Concrete Research, 2019, Vol. 71, Issue 9, pg.: 449–460, https://doi.org/10.1680/jmacr.17.00455, Citations: 8

22. Mahakavi, P., & Chithra, R. “Impact resistance, microstructures and digital image processing on self-compacting concrete with hooked end and crimped steel fiber” Construction and Building Materials, September 2019, Vol. 220, pp. 651-666., https://doi.org/10.1016/j.conbuildmat.2019.06.001, Citations :34

23. Mahakavi, P., and R. Chithra. “Effect of recycled coarse aggregate and manufactured sand in self compacting concrete”, Australian Journal of Structural Engineering, June 2019, Vol. 21, Issue 1, pg: 33-43, https://doi.org/10.1080/13287982.2019.1636519, Citations: 15.

**Professor of Civil Engineering**

**ACADEMIC YEAR 2020-2021**

**1.** Prakash, R., Thenmozhi, R., Raman, S. N., Subramanian, C., & Divyah, N. “Mechanical characterisation of sustainable fibre-reinforced lightweight concrete incorporating waste coconut shell as coarse aggregate and sisal fibre”, International Journal of Environmental Science and Technology, August 2020, Vol. 18, Issue 6, pg.: 1579-1590, https://doi.org/10.1007/s13762-020-02900-z, Citations: 25

2. Prakash, R., Thenmozhi, R., Raman, S. N., & Subramanian, C. “Fibre reinforced concrete containing waste coconut shell aggregate, fly ash and polypropylene fibre.”, Revista Facultad de Ingeniería Universidad De Antioquia, January 2020, Vol 94, pg. 33-42, https://doi.org/10.17533/10.17533/udea.redin.20190403 , Citations :31

3. Prakash, R., Thenmozhi, R., Raman, S. N., & Subramanian, C , “Mechanical behaviour of polypropylene fibre reinforced concrete containing waste coconut shell as coarse aggregates and fly ash as partial cement replacement”, Revista Facultad de Ingeniería Universidad de Antioquia, 2020, Vol. 94, pp. 33-42, Citation:1

4. Prakash, R., Thenmozhi, R., Raman, S. N., Subramanian, C., & Divyah, N. “An investigation of key mechanical and durability properties of coconut shell concrete with partial replacement of fly ash”, Structural Concrete, March 2020, Volume 22, Issue 1, Pg. E985-E996, https://doi.org/10.1002/suco.201900162, Citations: 25

5. Divyah, N., Thenmozhi, R., & Neelamegam, M. “Experimental and Numerical Analysis of Battened Built-up Lightweight Concrete Encased Composite Columns subjected to Axial Cyclic loading”, Latin American Journal of Solids and Structures, 2020, Vol. 17, Issue. 3. https://doi.org/10.1590/1679-78255745, Citations: 6

6. Nagarajan, D., Thenmozhi, R., & Meyappan, N., “A comparative study on prediction models for strength properties of LWA concrete using artificial neural network”, Revista de la construction, 2020, Vol.19, Issue. 1, pp.103-11, http://doi.org/10.7764/rdlc.19.1.103-111 , Citations:11

7. Divyah, N., Thenmozhi, R., & Neelamegam, M , “Strength properties and durability aspects of sintered-fly-ash lightweight aggregate concrete”, Materials in Tehnologije,, June 2020, Vol. 54, Issue. 3, pp.301–310, ttps://doi:10.17222/mit.2019.101, citations :9

8. Nagarajan Divyah, Thenmozhi, R., Neelamegam, M. ,Prakash, R., “Characterization and Behaviour of Basalt fibre reinforced Lightweight concrete” Structural Concrete, August 2020, Vol 22, Issue 1, pg.: 422-430, https://doi.org/10.1002/suco.201900390, citations :14

9. Rekha, K., & Thenmozhi,R. “Characterisation and utilization of sugarcane bagasse ash as pozzolanic material and its effect on mechanical strength of concrete”, Journal of Environmental Protection and Ecology, October 2020, Volume 21, book 1, ISSN 1311 -5065, pp 268-279, Citations: 3

10. M. Priyadarshini, D. Padmini, S. Makeshkumar, S. Chithra, “Optimization of Self-Compacting Concrete Using Taguchi Based Grey-Relational Analysis Method” International Journal for Science and Advance Research In Technology, June 2020.Volume 6 Issue 6, Pg 998-1005–June 2020.

11. Karthik, V., P. Senthil Kumar, Dai-Viet N. Vo, J. Sindhu, D. Sneka, B. Subhashini, K. Saravanan, and Jeyanthi. J. "Hydrothermal production of algal biochar for environmental and fertilizer applications: a review.", November 2020, Environmental Chemistry Letters, Vol.19, Issue 2, pg.:1025-1042, https://doi.org/10.1007/s10311-020-01139-x, Citations :18

12. Sharmila, Govindasamy, C Muthukumaran, S Kirthika, S Keerthana, N Manoj Kumar, and Jeyanthi. J., "Fabrication and characterization of Spinacia oleracea extract incorporated alginate/carboxymethyl cellulose microporous scaffold for bone tissue engineering." August 2020, International journal of biological macromolecules, Vol. 156, pg: 430-437. https://doi.org/10.1016/j.ijbiomac.2020.04.059, Citations: 24

13. Akshaya Subadharshini R, Jeyapriya S P “Performance of Geocell Reinforced Clay Bed subjected to static loading” International journal for technological Research in Engineering, April 2020, Vol.7, Issue 8, pp 6754 – 6757

14. K.Tripooja ,S.P.Jeyapriya “Improvement of Engineering properties of soft cohesive soil using grouted technique” Indian Journal of Creative Research Thoughts, April 2020, Vol.8, Issue 4 ,pp. 847-851, ISSN: 2320-2882

15. Jencipriya, A., Meiaraj, C., “Analysis of Groundwater Quality mapping using GIS around Singanallur lake located in Coimbatore”, IRJET, Vol. 7, Issue 7, July 2020, Pg.-4767-4773, eISSN:2395-0056.

16. S. Murugan., & Singaram, J. “Conversion of Vegetable Waste to Lipid Feedstock for Biodiesel Production Aided with Nano Catalyst Using RSM Software”, June 2020 Polish Journal of Environmental Studies, Vol. 29, No. 6, pg. 4313-4320, https://doi.org/10.15244/pjoes/113649 ,Citation :1

17. Praburanganathan S, Chithra S .,“Synergy of waste glass powder and waste rubber: A research on loading, perseverance and morphological features of unburnt Fly-ash-based masonry units”, February 2020, Materiali in tehnologije, Vol. 54 Issue 1, Pg 99–106, doi:10.17222/MIT.2019.142,Citations 5.

18. Mohammed Hassain B, Chithra S “Analytical Study and Seismic Evaluation of Diagrid Structural System For High Rise Steel Building”, International Research Journal of Engineering and Technology, June 2020, Volume 7 Issue 6, Pg 984-989, e-ISSN: 2395-0056 Dr. R. Chithra

19. S. Leka, R.Chithra, E. Yazhini,“Dynamic Behaviour of Concrete Cylindrical Shells Under Free Vibration” International Journal for Science and Advance Research In Technology, 2020, Volume: 6, Issue: 5,pp: 456-462.

20. Satheeskumar, V., Subramani, T., Lakshumanan, C., Roy, P. D., & Karunanidhi, D. “Groundwater chemistry and demarcation of seawater intrusion zones in the Thamirabarani delta of south India based on geochemical signatures”, Environmental Geochemistry and Health, February 2020, Vol. 43, pg.757–770, https://doi.org/10.1007/s10653-020-00536-z , Citations:21

21. Sakthishanmugam,J., Andavar.P, “Experimental Study on Nano Engineered Concrete with Graphene Oxide” IJSART, Vol. 6, Issue 6, Pg. 241-251,June 2020

**Professor of Civil Engineering**

**ACADEMIC YEAR 2021-2022**

1. B Ranjith, and Thenmozhi R., "Experimental and numerical studies on punching shear strength of concrete slabs containing sintered fly ash aggregates." Revista de la Construcción, April 2021, Volume 20, No 1, 0718-915X, pg. 15 – 25, ISSN-e 0717-7925,

2. Jayalakshmi, R., and Jeyanthi. J. , “Dynamic modelling of Alginate – Cobalt ferrite nanocomposite for removal of binary dyes from textile effluent”, Journal of Environmental Chemical Engineering , February 2021, Volume 9, Issue 1, 104924, Online, https://doi.org/10.1016/j.jece.2020.104924, Citations: 11

3. Priya, M., Jeyanthi, J., & Thiruvenkatamani, G, “Recycling of industrial waste material of fly ash cenosphere for the treatment of car wash water effluent” Journal of Material Cycles and Waste Management, November 2021, Vol. 24, Issue 1, pg. 321-332, https://doi.org/10.1007/s10163-021-01324-2.

4. Jayalakshmi, R., & Jeyanthi, J. “Spectroscopic Investigation of carbon nanotube as nano-filler entrapped in chitosan hydrogel beads” Journal of Molecular structure, 2021, vol. 1237, 130386, https://doi.org/10.1016/j.molstruc.2021.130386, Citations : 7

5. Thyagarajan, L. P., Jeyanthi, J., & Kavitha, D. “Vulnerability analysis of the groundwater quality around Vellalore -Kurichi landfill region in Coimbatore” Environmental Chemistry and Ecotoxicology, Vol. 3, pg:125-130, https://doi.org/10.1016/j.enceco.2020.12.002, Citation : 2.

6. Karthik, V., P. Senthil Kumar, Dai-Viet N. Vo, P. Selvakumar, M. Gokulakrishnan, P. Keerthana, V. Audilakshmi, and J. Jeyanthi., “Enzyme-loaded nanoparticles for the degradation of wastewater contaminants: a review”, 2021 Environmental Chemistry Letters 19, vol.19 Issue.3, pp. 2331-2350-2021, https://doi.org/10.1007/s10311-020-01158-8, Citations:23

7. R Bhuvaneshwari., Jeyanthi, J., & Chinnaiyan, P.“Novel organic assisted Ag-ZnO photocatalyst for atenolol and acetaminophen photocatalytic degradation under visible radiation: performance and reaction mechanism”,2021, Environmental Science and Pollution Research, Vol. 28, Issue 29, pg.:39637-39647,

https://doi.org/10.1007/s11356-021-13532-2, Citations:12

8. Bhuvaneswari, R., Jeyanthi, J., & Kumar, M. “Visible light assisted degradation of Atenolol by Fe-TiO2: Synthesis, characterization, optimization and mechanism” Optik , August 2021, Volume 239, 166658, https://doi.org/10.1016/j.ijleo.2021.166658, Citations:9

9. Priya, M., J. Jeyanthi, and G. Thiruvenkatamani. "Recycling of industrial waste material of fly ash cenosphere for the treatment of car wash water effluent." Journal of Material Cycles and Waste Management, Vol. 24, Issue no. 1, pg.: 321-332, https://doi.org/10.1007/s10163-021-01324-2

10. Sumathi, S., & Meiaraj, C. “Lipid Study from Oleaginous Yeast Using Sugarcane Bagasse Substrate”, Journal of Environmental Protection and Ecology, 2021, Vol. 22, Issue 3, pg. 1064–1071

11. Vasaki, M., S. Murugan., Ravindran, G., Paramasivan, B., Ekambaram, G., & Karri, R. R. (2022). Biodiesel production from lignocellulosic biomass using Yarrowia lipolytica. “Biodiesel production from lignocellulosic biomass using Yarrowialipolytica”, Energy Conversion and Management: X 13, 100167, Vol. 13, https://doi.org/10.1016/j.ecmx.2021.100167, Citations: 6

12. N.Senthil kumar, S. Makesh kumar, S.Chithra,“Finite Element Analysis of beam with Self Compacting Concrete” International Research Journal of Engineering and Technology, Feb 2021.Volume 08 Issue 03, eISSN:2395-0056

13. A.Oorkalan, S.Chithra, “Investigation on the Properties of Sustainable Steel Fiber Reinforced Reactive Powder Concrete by Utilization of Coir Pith Aggregates and Pyrogenic Silica”, August 2021, Silicon, Vol. 14, Issue 10, Pg 5545–5562, https://doi.org/10.1007/s12633-021-01266-2, Citation: 1

14. Padmanabhan, G., Shanmugam, G. K., & Sathyapriya S., “Shaking Table Tests on Liquefiable Sand Deposits Treated with Sand Compaction Piles”, 2021, LNCE Proceedings of the Indian Geotechnical Conference 2019 , vol 138 , pg. 523-532, https://doi.org/10.1007/978-981-33-6564-3\_44.

15. Padmanabhan, G., Shanmugam, G. K., & Sathyapriya S., “Sustainability approaches in ground improvement measures”, Sustainable practices and innovations in civil engineering, vol. 79, pg.249-255, https://doi.org/10.1007/978-981-15-5101-7\_25, Citation:1.

16. Mahakavi, P., Chithra, R., Gogoi, R., & Divyah, N, “Effect of recycled aggregate and flyash on glass fiber reinforced concrete”, 2021, Materials Today: Proceedings, Vol. 47, pg. 7105-7110. https://doi.org/10.1016/j.matpr.2021.06.222, Citations: 5

17. Mahakavi, P., and R. Chithra. "Effect of RCA, foundry sand on strength and toughness of fibre reinforced self-compacting concrete." Materials Today: Proceedings, vol. 47, 2021, pg.: 6976-6981. https://doi.org/10.1016/j.matpr.2021.05.253.

18. Kumar, P. S. and G. Dhamodhara Kannan, “Effect of Self-compacting Concrete infill on the flexural behaviour of hollow channel sections: Experimental and numerical studies” Structural Concrete,2021-vol. 22, no.3, pp. 1720 – 1740. https://doi.org/10.1002/suco.202000173

19. Kumar, P. S., and G. Dhamodhara Kannan. "Optimization of CFS sections under flexure using Genetic Algorithm." Informes de la Construcción, Vol.73, Issue no. 563 2021, pg. e399

20. Devi PK, Vetri selvi P, Rama M,“Strengthening of the beam column joint using mixed fibers Literature review”, International Research Journal of Engineering and Technology,2021- ISSN 2395-0072, Volume 08, Number 12, pp: 178 to 183.

21. Kalesh kahan, Rama M, Srinithi S, Vasanth D, “A Review on Assessment of Thermal Comfort Conditions” GIS Science Journal, 2021-ISSN: 1869-9391, Volume 9, Issue 3,, pp: 913 to 920.

22. Reneshragul K, Rama M, Arun Balaso B, Arun Pandiyan, Kalesh Khan A,“A Review on Lighting System and Aesthetics” International Journal of All Research Education and Scientific Methods, 2021-ISSN: 2455-6211, Volume 10, Issue 3, pp: 2320 to 2329.

23. Kumar, M., Gokulan, R., Sujatha, S., Shanmuga Priya, S. P., Praveen, S., & Elayaraja, S. (2021). “Biodecolorization of Reactive Red 120 in batch and packed bed column using biochar derived from Ulva reticulata”, Biomass Conversion and Biorefinery , January 2021, pg. 1-15, https://doi.org/10.1007/s13399-020-01268-x, citation:8

24. Kumar, M., S. Sujatha, R. Gokulan, A. Vijayakumar, S. Praveen, and S. Elayaraja. "Prediction of RSM and ANN in the decolorization of Reactive Orange 16 using biochar derived from Ulva lactuca." Desalination and Water Treatment, January 2021, vol. 211, pg. 304-318. https://doi.org/10.5004/dwt.2021.26615, Citation:6

25. Kumar, M., V. Krishnaveni, and Surya Muthukumar. "Geotechnical investigation and numerical analysis of slope failure: a case study of landslide vulnerability zone in Kolli Hills, Tamil Nadu." Journal of the Geological Society of India, Vol. 97, Issue no. 5, pg. 513-519. https://doi.org/10.1007/s12594-021-1717-z, Citation:3

**Professor of Civil Engineering**

**ACADEMIC YEAR 2022-2023**

1. Sunilaa George , Thenmozhi . R , P. N. Magudeswaran , “Corrosion performance of steel embedded in activated fly ash concrete” Techniques and Innovation in Engineering Research Vol. 9, 17 March 2023 , pg 51-61. https://doi.org/10.9734/bpi/taier/v9/7819F

2. B.Ranjith Babu, R.Thenmozhi , “Prediction of compressive strength of sintered fly ash aggregate concrete using artificial neural networking” Romanian Journal of Materials 2022, 52(3), 311 – 317.

3. Dhanapriya V. P. , Thenmozhi .R ,“Mechanical properties of high-performance concrete by replacing cement with quaternary cementitious material with lignin as an additive material.” Materials Express, Vol 13(1), January 2023, pg. 159-169(11).

4. B. Ramasamy, J. Jeyanthi, P. Chinnaiyan, “Fe-TiO2 and Ag-ZnO mediated visible light photocatalysis for atenolol and acetaminophen removal – A comparative study and modeling”, Environ.Nanotechnology,Monit.Manag.19(2023)100779. <https://doi.org/10.1016/j.enmm.2023.100779>.

5. Mariyappan, R., Palammal, Jeyapriya.S. & Balu, S. Sustainable use of reclaimed asphalt pavement (RAP) in pavement applications—a review. Environ Sci Pollut Res 30, 45587–45606 (2023). https://doi.org/10.1007/s11356-023-25847-3

6. S.Praburanganathan, S.Chithra. ”Stimulus on strength and durability of granite powder in the waste-based masonry units with copper slag and crumb rubber as partial substitute of fine aggregate.”Int.J. Masonry Research and Innovation, Vol.7, No. 4, 2022, pg.: 366-394, https://doi.org/10.1504/IJMRI.2022.123725

7. Praburanganathan, S., Chithra, S., Divyah, N., Sudharsan, N., Simha, Y. and Vigneshwaran, S. (2022). “Value-added waste substitution using slag and rubber aggregates in the sustainable and eco-friendly compressed brick production.” Revista de la Construcción. Journal of Construction, 21(1), 5-20. http://dx.doi.org/10.7764/rdlc.21.1.5

8. Selvaraj Praburanganathan , Sarangapani Chithra ,Yeddula Bharath Simha Reddy. “Synergistic effect on the performance of ash-based bricks with glass wastes and granite tailings along with strength prediction by adopting machine learning approach.” Environmental Science and Pollution Research, 29(36):1-26. DOI:10.1007/s11356-022-19391-9

9. R. Jagadheeswari , A. Oorkalan , S. Chithra , N.P. Srinivasan. “Experimental and examination of Recron 3S fibre on reinforced concrete.” Materials Today: Proceedings Vol. 69, Part 3, 2022, Pages 645-649. https://doi.org/10.1016/j.matpr.2022.06.537

10. Kalesh Khan A, Rama M.”Finite Element Analysis and simulation of missile impact on Nuclear Reactor Containment Structure.”, Electronic Journal of Structural Engineering :Vol. 22 No. 2 (2022) DOI: https://doi.org/10.56748/ejse.223142.

11. Haseeba KM, P Gokuldeepan, Dr.M.Rama. “Factors Affecting Implementation of Quality Management Systems in Construction Projects - A Study.” International Journal Of Creative Research Thoughts (IJCRT) Vol 10, Issue 10,October 2022.

12. Rama.M , Shanthi V.M., ”Study on Strength, Permiability and Micro-structure of Pervious Concrete Blended with Metakaolin.” Jordan Journal of Civil Engineering, Vol 17, No.1,2023.

13. S.Senthamizh Sankar, K.S. Anandh, and M.Rama.,“Examining the Influence of Various Factors that affect Construction Professionals Lifestyle – A Case of Tamil Nadu and Kerala.” International Conference on Structural Engineering and Construction Management SECON 2022: Proceedings of SECON'22 pg 625–634. DOI: 10.1007/978-3-031-12011-4\_50

14. Sathees Kumar V., Raja Murugadoss J., Gokulan R., and Ramkumar S. ”Studies on influence of process parameters in upgradation of bio-oil derived from HTL of domestic household waste: Application of response surface methodology”. Global NEST Journal ,Vol 25(1), pg 40-46. https://doi.org/10.30955/gnj.004445

15. Sathees Kumar V. , Gokulan R. , Geetha M. B. , and Zunaithur Rahman D. “Biosorption of heavy metal ions from the aqueous solutions using groundnut shell activated carbon: batch adsorption, kinetic and thermodynamic studies.” Global NEST Journal,24(4), pg 729-742. https://doi.org/10.30955/gnj.004491

16. Madumitha M, Ravathi M C, and R.Chithra, “ integrated Electro-Coagulation Treatment of Dye Wastewater using Biochar and Aluminum Electrode”. IJET 42(8):1001-1007(2022).

17. Ponnambalam, N. Thangavel, S.;Murali, G.; Vatin, N.I., “Impact Strength of Preplaced Aggregate Concrete Comprising Glass Fibre Mesh and Steel Fibres: Experiments and Modeling. Materials 2022, 15, 5259. https://doi.org/10.3390/ma15155259.