

Dr. M. S. Starvin

List of publications

1. Alphonse, A.S., **Starvin, M.S.**, (2020), "A novel and efficient approach for the classification of skin melanoma", Journal of Ambient Intelligence and Humanized Computing [DOI: doi.org/10.1007/s12652-020-02648-x]
2. **Starvin M.S.**, Venugopal Nair, Ganesh KC, Adarsh M, Ajith R, (2020), "Modal Analysis of Transmission Housing Using Finite Element Modeling for Various Assembly Conditions," SAE Technical Paper 2020-28-0367, [DOI: https://doi.org/10.4271/2020-28-0367]
3. **Starvin M.S.**, Venugopal Nair, Ganesh KC, (2020), "Structural Analysis of Belleville Spring Used in Automatic Shift Transmission Multi-Plate Wet Clutch for Off-Highway Application," SAE Technical Paper 2020-28-0491, [DOI: https://doi.org/10.4271/2020-28-0491]
4. Sherly Alphonse, A., Ani Brown Mary, **Starvin M.S.**, (2020), "Classification of membrane protein using Tetra Peptide Pattern" Analytical Biochemistry, 606 113845. (Impact factor- 2.877), [DOI: https://doi.org/10.1016/j.ab.2020.113845]
5. Kavimani V., Soorya Prakash K., **Starvin M. S.**, Kalidas B. Viswamithran, V. Arun S. R., (2020), "Tribo-Surface Characteristics and Wear Behaviour of SiC@r-GO/Mg Composite Worn under Varying Control Factor", Silicon, (Springer-Publication), Vol. 12, pp. 29–39 (Impact factor- 1.246) [DOI: /10.1007/s12633-019-0095-2]
6. Sherly Alphonse, A., **Starvin M.S.**, (2019), "A novel Maximum and Minimum Response-based Gabor (MMRG) Feature Extraction method for Facial Expression Recognition", Multimedia Tools and Applications, 78(16), pp.23369-23397 (Springer-Publication), (Impact Factor :2.313).
7. **Starvin M.S.**, Ganesh K.C., Vasudevan M., (2018), "Numerical simulation of creep behavior of 316LN stainless steel weld joint" Materials Today: Proceedings 5, pp. 8193–8198 [DOI: https://doi.org/10.1016/j.matpr.2017.11.508]
8. **Starvin M.S.**, Ganesh K.C., Pandiyarajan R, 2017, 'Correlation of fracture parameters during onset of crack in middle tension specimen', Journal of Computational Design and Engineering, (Elsevier Publication), Vol. 4, pp. 169–177. [DOI: https://doi.org/10.1016/j.jcde.2017.02.002]
9. Babu S, Paul Gregory, Prem Kumar M, **Starvin M.S.**, SaiPhanendraGorantla, (2016), "Experimental And CFD Analysis of Diffuser Wind Turbine For Small Buildings",

Journal of Advanced Research in Dynamical and Control Systems, Special Issue – 2 / 2017, pp.204-211; ISSN: 1943023X.

10. **Starvin, M.S.**, Manisekar, K, 2015, ‘The Effect of Manufacturing Tolerances on the Load carrying Capacity of Large Diameter Bearings’ Sadhana - Academy Proceedings in Engineering Science, (Springer-Publication) Vol. 40, Part 6, pp. 1899–1911 (Impact factor- 0.769)[DOI: <https://doi.org/10.1007/s12046-015-0427-x>]
11. **Starvin, M.S.**, Manisekar, K, Simon Christopher, A &Selvakumar, K 2015, ‘A New Stable Numerical Method to find the Change in Angle of Contact in Angular contact Ball bearing Subject to Thrust Load’ Journal of the Balkan Tribological Association, vol.21, no.2, pp. 339-350. (Impact Factor 0.32)
12. **Starvin, M.S.**, Manisekar, K &Nagasubramanian, N 2015, ‘Design Optimization of Large Diameter Ball Bearings Using Genetic Algorithms’, International Journal of Applied Engineering Research, vol. 10, no. 7, pp. 17729-17741.