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|-------|---|---|---|
| I     | Name of Faculty   | Dr. Kakara Srikanth   |   |
| II    | Designation   | Assistant Professor   |   |
| III   | Nature of Job/Appointment   | Regular   |   |
| IV    | Date of Joining   | 04 – 09 -2023   |   |
| V     | E-mail  | srikanthkakara_civil@cbit.ac.in   |   |
| VI    | Education Qualifications  | Name of the Degree  | Class   |
|       | Ph. D   | Civil Engineering   | -   |
|       | PG  | M.Tech (Transportation Engineering)   | I class   |
|       | UG  | B.Tech (Civil Engineering)  | I class   |
| VII   | Work Experience   |   |   |
|       | Teaching  | 01 Year 8 months  |   |
|       | Research  | 4.5 years   |   |
|       | Industry  | 1 years   |   |
|       | Others  | --  |   |
| VIII  | Area of Specialization  | Transportation Engineering  |   |
| IX    | Professional Memberships  | --  |   |
| X     | Responsibilities held at Institution Level  | --  |   |
| XI    | Responsibilities held at Department Level   | 1. Time Table Co-ordinator, CED   |   |
| XII   | Research Guidance   | --  |   |
| XIII  | Courses Handled at Under Graduate / Post Graduate Level.  | Transportation Engineering, Transportation Engineering Lab  |   |
| XIV   | No. of Papers Published   | National Journals – 0<br>National Conference – 0  | International Journals –6<br>International Conference – 2 |
| XV    | Projects Carried out  | -   |   |
| XVI   | Patents   | -   |   |
| XVII  | Technology Transfer   | --  |   |
|       | Invited Speaker (Few Important/Prominent)   | --  |   |
| XVIII | No. of Books/Chapter Published with details   | <p>స్వయం తేజస్విన్ భవ</p> <p>1979</p> <ol style="list-style-type: none"> <li>1. Srikanth, K., Hareesh, A., Raj Kumar, B., Sameer, M., Prasad, M. D. V., Singh, S., Ghosh, S., and Chowdary, V. Performance Evaluation of Low Volume Road Sections Consisting of Enzyme Stabilized Inverted Base, Recent Advances in Transportation Systems Engineering and Management, Lecture Notes in Civil Engineering, 261.</li> <li>2. Tharun, S. V. S., Srikanth, K., and Chowdary, V., Comparison of Dynamic Loads Generated by Truck with Dual Tires and Wide Base Tires, Recent Advances in Transportation Systems Engineering and Management, Lecture Notes in Civil Engineering, 261.</li> </ol> |   |
| XIX   | Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops. Other Trainings (Attended and/or Organized). |   |   |



3. Srikanth, K., and Chowdary, V., (2023). "Influence of Roughness and Cross Slope Induced Dynamic Loads on Flexible Pavement Responses." International Journal of Pavement Engineering, 24:1, DOI:10.1080/10298436.2023.2241101 **(Sci indexed)**
4. **Srikanth, K.**, and Chowdary, V., (2020). "Effect of Pavement Roughness and Transverse Slope on the Magnitude of Wheel Loads." Arabian Journal for Science and Engineering, 1-14. **(Sci indexed)**
5. **Srikanth, K.**, Chandrasekhar, C., and Chowdary, V. (2020). "Influence of commercial vehicle characteristics on the magnitude of dynamic wheel loads over asphalt pavement profiles with different roughness", Journal of Institute of Engineering (India): Series A, 101, 723 – 734. **(SCOPUS indexed)**
6. Rohith, D., **Srikanth, K.**, Chowdary, V., and Prasad, C. S. R. K. (2015). "Performance evaluation of gravel road sections sealed using open graded premixed surfacing with bitumen and bitumen emulsion as the binders," Transportation in Developing Economies – Springer, 2 (13). **(ESci indexed)**
7. Kumar, B. S., **Srikanth, K.**, (2023). "A study on properties of pervious concrete with high-volume usage of supplementary cementitious materials as substitutes for cement," Asian Journal of Civil Engineering – Springer. <https://doi.org/10.1007/s42107-023-00619-z> **(SCOPUS indexed)**
8. Kumar, B. S., **Srikanth, K.**, Eeshwar, T., (2023). "Implementation of Soft Computing Techniques in Forecasting Compressive Strength and Permeability of Pervious Concrete Blended with Ground Granulated Blast-furnace Slag," Journal of Soft Computing in Civil Engineering. DOI:10.22115/SCCE.2023.359399.1517 **(SCOPUS indexed)**

#### **National Journal**

#### **International Conferences:**

1. Babu, G. B., Srikanth, K., and Chowdary, V., Influence of Aggregate Shape Factors on the Performance of Bituminous Mixtures, In proceedings of International Conference on Innovative Trends in Civil Engineering for Sustainable Development, NIT Warangal, 2019.
2. Sudhakar, R., Srikanth, K., and Chowdary, V., Laboratory Evaluation of Construction and Demolition Waste as an Alternative Material in Various Flexible Pavement Layers, In proceedings of International Conference on Innovative Trends in Civil Engineering for Sustainable Development, NIT Warangal, 2019.

#### **National Conferences**

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