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| Name of the Faculty | Dr. Kamineni Aditya |  | | |
| Designation | Associate Professor & HOD | | | |
| Date of Joining | 14-12-2020 | | | |
| E - Mail | aditya.civil@jbiet.edu.in | | | |
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| Educational Qualifications | Name of the Degree | Institute | Year | Class |
| Ph. D | Doctor of Philosophy (Civil Engineering) | NIT Warangal | 2020 | Awarded |
| PG | M. Tech (Transportation Engineering) | NIT Warangal | 2013 | First |
| UG | B.E (Civil Engineering) | R.Y.M. E.C Bellary | 2011 | First With Distinction |
| Work Experience | | | | |
| Teaching | 4 Years | | | |
| Research | 5 Years | | | |
| Industry | - | | | |
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| Responsibilities held at the central level in college | • | <ul style="list-style-type: none"> • NAAC Criteria 3 Central Coordinator. • Member, Academic Council, from 04-06-2022 to till date. | | |
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| Responsibilities held at the departmental level in college | • | <ul style="list-style-type: none"> • Head of the Department from 04-06-2022 to till date. • Chairman, Board of Studies from 04-06-2022 till date. • Member Board of Studies, from 14-12-2020 to till date. • UG Coordinator from 2020 to 2022. | | |
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| Courses Handled at UG Level | • | <ul style="list-style-type: none"> • Transportation Engineering Course for B. Tech Third Year Students. • Transportation Engineering Laboratory Course for B. Tech Third Year Students. • Traffic Engineering & Management Course for B. Tech Fourth Year Students. | | |

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| | | <ul style="list-style-type: none"> Engineering Geology Course for B. Tech Second Year Students. |
| Courses Handled at PG Level | • | <ul style="list-style-type: none"> Research Methodology & IPR Course for M. Tech Structural Engineering First Year Students. |
| Area of Research | • | <ul style="list-style-type: none"> Traffic Noise Modelling, Tyre-pavement Interaction Noise Studies on Roads. |
| Research Guidance for M. Tech/ Ph. D Students | • | <ul style="list-style-type: none"> Guided Two M. Tech Dissertations. |
| Books/ Book Chapters Published | • | <ul style="list-style-type: none"> Aditya, K. (2023). "Effect of Rapid Growth of Traffic on the Pass-By Noise Levels Perceived by the Pedestrians in Static and Dynamic Positions at Different Land use Zones in Hyderabad City." The Institute of Engineers (India), Annual Technical Volume of Civil Engineering Board, Volume VIII, 28-31. |
| Prominent Research Publications in Conferences | • | <ul style="list-style-type: none"> Vemula, S., Kamineni, A., Chowdary, V. (2015). "Influence of two wheelers and three wheelers proportion on traffic noise pollution for a medium sized Indian city." Proceedings of the Second National Conference and Workshop on Recent Advances in Traffic Engineering, CD-ROM, NIT Surat, India, July, 2015. Kamineni, A., and Chowdary, V. (2016). "Quantification and Modelling of tyre-pavement interaction noise: effect of vehicular, pavement, and environmental characteristics." Functional Pavement Design: Proceedings of the 4th Chinese-European Workshop on Functional Pavement Design, Delft, The Netherlands, June 29 to July 01, 2016, 1087-1096. |

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| <p>Prominent Research Publications in Journals</p> | <ul style="list-style-type: none"> • | <ul style="list-style-type: none"> • Syamkumar, A., Aditya, K., and Chowdary, V. (2013). "Development of mode-wise noise prediction models for the noise generated due to tyre-pavement surface interaction." Advanced Material Research, 723, 50-57. • Kamineni, A., Duda, S. K., Chowdary, V., and Prasad, C. S. R. K. (2019). "Modelling of noise pollution due to heterogeneous highway traffic in India." Transport and Telecommunication Journal, 20(1), 22-39. (SCOPUS) • Kamineni, A., and Chowdary, V. (2020). "Development of a methodology to measure the in-vehicle noise levels due to the tire-pavement interaction." Journal of The Institution of Engineers (India): Series A, 101, 265-272. (SCOPUS) • Aditya, K., and Chowdary, V. (2020). "Influence of honking on the road traffic noise generated at urban rotaries for heterogeneous traffic." Environmental and Climate Technologies, 24(1), 23-42. (SCOPUS) • Aditya, K., and Chowdary, V. (2020). "Quantification of pass-by noise levels on urban roads: effect of engine propulsion and tire-road interaction." Fluctuation and Noise Letters, 2050030. (SCI) • Jala, S., Rajasekar, C., and Aditya, K. (2022). "Experimental Study on Strength Behaviour of Concrete with Partial Replacement of Cement with Silica Fume and Coarse Aggregates with Tyre Rubber." International Journal of Research, 2236-6124, 11, 143-149. • Shravani, S., Suresh, R., and Aditya, K. (2022). "Experimental Investigation On Structural Elements Of Low-Calcium Fly Ash And Slag Based Geopolymer Concrete." International Journal of Research, 2236-6124, 11, 164-170. • Suprabhavana, J., and Aditya, K. (2022). "An Experimental Study On The Optimal Replacement Of Cement With Fly-Ash Using Topsis Method." International Journal of Research, 2236-6124, 11, 1-10. • Vandana, V., Reddy, B., and Aditya, K. (2022). "Experimental Investigation On Workability And Strength Properties Of Self-Compacting Concrete By Using Plastic Waste And Alccofine Material." |
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| | | <p>International Journal of Research, 2236-6124, 11, 150-155.</p> <ul style="list-style-type: none"> • Aditya, K. (2024). "Commuter based noise level assessment in an urban area – A Simulator based study." Journal of Sound and Vibration [Accepted]. • Aditya, K. (2024). "Use of spectral analysis in assessing the pedestrian exposed noise levels in an urban area." Science of the Total Environment [Accepted]. • Aditya, K. (2024). "Effect of distance propagation over noise induced levels at roadside." Applied Acoustics [Under Review]. • Aditya, K. (2024). "Use of ANN and Fuzzy models in the urban noise level assessment under different road vehicles – A comparative study." Fluctuation and Noise Letters [Under Review]. • Aditya, K. (2024). "Impact of Vehicle induced noise levels near the signalized and unsignalized intersections under heterogeneous traffic." Transport and Telecommunication Journal [Under Review]. |
| Web of Science/Scopus ID | | <p>57194380214</p> <p>https://www.scopus.com/authid/detail.uri?authorid=57194380214ineni, Aditya - Author details - Scopus Preview]</p> |
| Google Scholar ID | | <p>pnQJF3cAAAAJ&hl</p> <p>https://scholar.google.com/citations?user=pnQJF3cAAAAJ&hl=en&oi=aoScholar</p> |
| H-Index (As per SCOPUS Database) | | 4 |
| PROFESSIONAL MEMBERSHIPS | • | <ul style="list-style-type: none"> • Life Member of International Association of Engineers [IAENG] [Membership Number - 355687] |
| Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops (Attended) | • | <ul style="list-style-type: none"> • A Three Days "Capacity Development Program" at IAE, Hyderabad from 27-4-2023 to 29-4-2023. • Completed "EBRD Road Safety Engineering E-Learning training course" by European Bank for Reconstruction and Development in June 2021. • A One Week GIAN Program on "Transportation in a High Tech, Automated and Connected Vehicle World", NIT Warangal, 16-20, September 2019. |

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| | | <ul style="list-style-type: none"> • A One Week FDP on “Emerging Trends in Transportation Geotechnics”, Vaagdevi College of Engineering, Warangal, 23rd to 27th September, 2019. • A one-day workshop on “Speed and Safety Measures in Construction Projects”, The Institution of Engineers (India), Telangana State Centre, 27th July 2019. • A one Week GIAN Program on “Sustainable Mobility and Transportation: Innovative Approaches and Solutions”, NIT Warangal, 10th to 14th December, 2018. • A three-day workshop on “Bio-Inspired Materials by Design: Issues & Challenges”, NIT Warangal, 19th to 21st November, 2018. • A One Week GIAN program on “Transportation and Environment”, NIT Warangal, 6th to 10th August, 2018. • A Five Day FDP on “Effective Teaching and Learning of Flexible Pavement Design”, PMMMNMTT, MHRD, NIT Warangal, January 17 -21, 2018. • A One Week GIAN program on “Implementation of Advanced Transportation Management Systems”, NIT Warangal, 04th to 08th September, 2017. • A Three-Day Executive Development Training program on “New and Innovative Technologies for Construction of Low Volume Roads”, NRRDA, MoRD, NIT Warangal, 28th to 30th November, 2016. • A One Week GIAN course on “Low-Volume Roads Engineering Best Practices”, NIT Warangal, 26th to 30th September, 2016. • “Transportation Young Researchers Symposium (Tyres-2015)”, 10-15 May 2015, National Institute of Technology, Warangal, Telangana, India. |
| Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops (Organized) | • | <ul style="list-style-type: none"> • A Value-Added Course on Civil Engineering Drawing using AUTOCAD Software for B. Tech Second Year Students in October 2023. • A One-day Project Expo on “Civil Engineering Marvels – A Prototype” on 20-03-2023. • Ist International Conference on “Advanced Applications of Technology and Management – AATM 2023” from 10th – 11th March, 2023. |

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| | | <ul style="list-style-type: none"> • One Week Faculty Development Program on “Recent trends in Civil Engineering” from 20-02-2023 to 25-02-2023. • A Seminar on “Use of Civil Engineering Software’s in design” for Third B. Tech Civil Engineering Students in February 2023. • A Seminar on “Career After B. Tech” for Fourth B. Tech Civil Engineering Students in October 2022. |
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