

Publications:

Sr.	Authors	Publication Title	Journal/ Conference/ Book Chapter	Journal/Conference Details	Month, Year of Publication
1	Prajwal Kolavennu (Student) Yogesh Krishan Bhateshvar (Faculty)	Battery Management System for Hybrid Energy Storage System	Conference	3rd International Conference on Sustainable Energy Solutions for a Better Tomorrow, Vellore Institute of Technology (VIT) Chennai, India	July 23-24, 2022
2	Mandar Ashok Shinde (Student) Mohammad Rafiq Agrewale (Manager) Yogesh Krishan Bhateshvar (Faculty)	Development of Sensor Data Fusion for Obstacle Detection for Electric Mini Tractor	Conference	2nd International Conference & Exposition on Advances in Mechanical Engineering (ICAME-2022), College of Engineering Pune [COEP], Pune, Maharashtra, India	June 23-25, 2022
3	Rajat Powade (Student) Yogesh Bhateshvar (Faculty)	Design of Semi-Actively Controlled Battery-Supercapacitor Hybrid Energy Storage System	Conference	2nd International Conference & Exposition on Advances in Mechanical Engineering (ICAME-2022), College of Engineering Pune [COEP], Pune, Maharashtra, India	June 23-25, 2022
4	Sumeet Desai (Student) Yogesh Bhateshvar (Faculty)	Development of Unified Diagnostic Services on CAN using MATLAB and Arduino	Conference	2nd International Conference & Exposition on Advances in Mechanical Engineering (ICAME-2022), College of Engineering Pune [COEP], Pune, Maharashtra, India	June 23-25, 2022
5	S. Vignesh (Student), Y. K. Bhateshvar (Faculty), M. R. B. Agrewale (Manager) K. C. Vora (Sr.D.D.)	Comprehensive design of small electric vehicle for powertrain optimization for optimum range with weight and size reduction	Book Chapter	Springer book "Planning of Hybrid Renewable Energy Systems, Electric Vehicles and Microgrid: Modelling"	April, 2022
6	S. Vignesh (Student), Y. K. Bhateshvar (Faculty), M. R. B. Agrewale (Manager) K. C. Vora (Sr.D.D.)	Comparative Analysis of Powertrain Optimization for Small Electric Vehicle based on Range and Weight for Retro-fitment	Conference	International Conference on Advances in Mechanical Engineering and Nanotechnology (ICAMEN) 2022, held at Manipal University Jaipur, India	Feb 18-19, 2022
7	I. Tank (Student), S. Vignesh (Student), Y. K. Bhateshvar K. C. Vora (Sr. D.D.)	Vehicle to Grid (V2G): Booster for EV adaptation in India	Conference	2021 IEEE 2nd International Conference on Smart Technologies for Power, Energy and Control (STPEC)	Dec 19-22, 2021

8	Kris Anthony (Student), Amitabh Das (Faculty), Yogesh Krishan Bhateshvar (Faculty) K C Vora (Sr. D.D.)	A Neuro Fuzzy Based Energy Management Strategy for a Series Hybrid 2-Wheeler	Conference	SAEINDIA & IEEE IAS, are organizing the 4th Edition of International Transportation Electrification Conference (iTEC) India	Nov 16-18, 2021
9	Vineet Kumar Pant (Student), Amitabh Das (Faculty), Mohd. Rafiq Agrewale (Manager), Yogesh Krishan Bhateshvar (Faculty) K C Vora (Sr.D.D.)	Obstacle Detection Using Sensor Fusion and Deep Neural Network for Motion Control of Smart Electric Tractor	Conference	SAEINDIA & IEEE IAS, are organizing the 4th Edition of International Transportation Electrification Conference (iTEC) India	Nov 16-18, 2021
10	Aniket H. Nandede (Student), Yogesh K. Bhateshvar Kamal C. Vora (Sr. D.D.)	Development of EMS for Hybrid Electric Two Wheeler	Conference	ICIT-2021	July, 2021
11	Vishal Nitave (Student), Yogesh K. Bhateshvar (Faculty) Kamal C. Vora (Sr.D.D.)	Life Cycle Analysis of Genetic Algorithm based Optimized Hybrid Energy Storage System	Conference	ICAMEM – 2021	July, 2021
12	Abhishek A. Sase (Student), Yogesh K. Bhateshvar (Faculty) Kamal C. Vora (Sr. D.D.)	Electric Vehicle Control System by using Controller Area Network Communication	Conference	ICIT-2021	July, 2021
13	Pushkar Sarade (Student), Amitabh Das (Faculty), Yogesh Krishan Bhateshvar (Faculty), K C Vora (Sr.D.D.)	Fuzzy Logic Based Energy Management Strategy for Series Hybrid Electric TwoWheeler	Conference	online International Conference on “Recent Challenges and Opportunities in Engineering”	March 13-14, 2021
14	S. Vignesh (Student), Y. K. Bhateshvar (Faculty), M. R. B. Agrewale (Manager) K. C. Vora (Sr. D.D.)	Significance of Driving Cycle on Performance Parameters and Range in Small Electric Vehicle	Conference	2020 IEEE First International Conference on Smart Technologies for Power, Energy and Control (STPEC), Nagpur, India	Sept, 2020
15	Walvekar, A. (Student), Bhateshvar Y. (Faculty), Vora, K.C. (Sr.D.D)	Active Hybrid Energy Storage System for Electric Two Wheeler	Conference	SAE ADMMS'20 Conference, SAE Technical Paper 2020-28-0516	July 24-25, 2020

16	Chorghe, V (Student)., Das, A. (Faculty), Agrewale, M. (Manager), Bhateshvar Y (Faculty), Vora K.C. (Sr.D.D.)	Concept Design and Analysis of Mini E- Tractor	Conference	SAE ADMMS'20 Conference, SAE Technical Paper 2020-28-0517	July 24-25, 2020
17	Das, A. (Student), Jain, Y. (Student), Agrewale, M. R. B. (Manager), Bhateshvar Y. K. (Faculty), Vora K.C. (Sr.D.D.)	Design of a Concept Electric Mini Tractor	Conference	2019 IEEE Transportation Electrification Conference (ITEC-India)	December, 2019