

Final Year Project Showcase Batch-2017 Year 2021

Department: Civil Engineering Programme: Civil Engineering		
1	Project Idea	Identification of Electric Vehicle Charging Station Location
2	Process	Analysis of best possible location was performed with the help of ArcGIS and other socioeconomic data obtained from survey and other online source like google api, Open street map. Different scenario was developed to check the feasibility of EV charging location and in last best possible strategy was finalized to establish.
3	Outcome	Location where the charging station will be best fit in study area
4	Evidence (Theoretical Basis)	Final year project report (Publication in process)
5	Competitive Advantage or Unique Selling Proposition	
a	Cost Reduction of Existing Product	New idea to facilitate sustainable mode of transportation
b	Process Improvement which Leads to Superior Product or Cost Reduction, Efficiency Improvement of the Whole Process	The work leads towards the improvement of transportation industries, it will increase the penetration of EV in the study area market. Currently there are number of issue faced by the world in EV establishment in this project we try to resolve one issue.
c	Attainment of any SDG	SDG#09, Industry Innovation and Infrastructure The project is support the sustainable mode of transportation i.e. Electric vehicle which is the big challenge in Pakistan.
d	Expanding of Market share	It expand the market of vehicle by attracting the car user towards Electrified vehicle and also the new market of electricity supplier.
e	Capture New Market	As mention above this will encourage new supplier of electricity.
f	Any Environmental	Electrification in automobile is highly energy efficient and less carbon emission.
g	Any Other Aspect	Improve the existing parking area and in future remove petrol pumps
6	Target Market	Car users, Electric supplier, auto industries, owner of large parking lots
7	Team Members (Names & Roll No.)	Muhammad Usman Mehmood CE-17106 Sheryar Sohail CE-17129 Muhammad Salar Sohu CE-17141 Mussaib Jawed CE-17142 Qazi Saad Ahmed CE-17156
8	Supervisor Name	Syed Muhammad Noman (syednoman@neduet.edu.pk)
10	Pictures	