

Public Perspective on the Increase of Fuel Rate In Recent Time And Its Impact Towards The Common People

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ABSTRACT:

India being one of the biggest and developing customers of energy on the planet has been depending vigorously on unrefined petroleum for its creation of energy and utilization purposes. The developing interest and expanding fuel costs have consistently been can issues for the overall population . Energy has been a dubious theme for a long time with the subject of how long we would be able to make due by contingent upon the current wellsprings of energy. The aim of the research is to analyze the public perspective on the increase of fuel rate. The research method followed is descriptive research. The data is collected through a questionnaire and the sample size is 220. Convenience sampling method is adopted in the study to collect the data. The samples were collected from the friends and family members through online mode. The independent variables are gender, age, education qualification, occupation, marital status of respondents. The dependent variables are the problem occurs due to the increase of fuel rate and the people mostly affected due to the increase of fuel rate in recent times. The researcher used graphs to analyze the data collected. The finding of the research is that most of the people are affected highly due to the increase of fuel rate in recent time and there are major problems like lack of financial support, rise in price of necessary goods and unable to afford. Compared to other people, daily wage workers and monthly salary peoples are the most affected due to the rise in price of fuel.

Keywords: fuel rate , impact, common people, price, utilisation

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I. INTRODUCTION :

India being one of the biggest and developing customers of energy on the planet has been depending vigorously on unrefined petroleum for its creation of energy and utilization purposes. The developing interest and expanding fuel costs have consistently been can issues for the overall population . Energy has been a dubious theme for a long time with the subject of how long we would be able to make due by contingent upon the current wellsprings of energy. One normal and persuasive wellspring of energy is fuel, the major sources being petroleum derivatives, diesel and different clusters of substance compounds. The new reliance on energized, particularly non-renewable energy sources is on a high time rise and has been forming the worldwide economy. Petroleum products like coal, petroleum, and diesel have been affecting living souls as far as rising costs, supply of these fills, an Earth-wide temperature boost, expanded consumption examples and need to find dependable choices of these powers. This is the basic setting everywhere in the world particularly in India, papers also, notices in our cell phones have been immersed with the endless information on the rising costs of Petroleum and Diesel in India. While not very many individuals went solid by this turn of events, most Fuel customers of the nation jumped on the information on flooding fuel costs. Since the center of 2018, petroleum what's more, diesel costs were on a quickening speed of climb and it contacted near 90 rupees in Mumbai. The transfer speed of causes credited towards this ascent in cost wavers from Inefficient Government arrangements to fall in Rupee Value and even Global Political procedures progressed by US on approval against Iranian Oil import. While no alleviation appears to have gone to the Fuel costs in India, the circumstance isn't through and through better for any of the neighboring countries like Pakistan or Sri Lanka by the same token. A great deal of public clamor over this problem has been communicated through different petitions also through tweets and other online media channels. Now of time, it is basic to have a nearby investigation of the significant reasons of this Fuel Prices the causes; just as how individuals are influenced by this - the effect. India is presently confronting the rising cost of its fuel - Petrol and Diesel. There are numerous variables moving that added to this expansion. This proposed research tries to investigate the significant causes that have added to this ascent, regardless of whether the Government has a significant task to carry out in this evaluating game and what are the potential effects of this on individuals of Bangalore.

II. OBJECTIVE:

- To evaluate the impact towards the common people due to increase of fuel rate
- To analysis the categories of people affected due to increase in fuel rate
- To analysis the problems occurs due to the increase of fuel rate

III. REVIEW OF LITERATURE:

Aswin Sivarajan(2017). This study aims to understand the causes and impacts for the rising prices in recent times that have been influencing the economy as whole and provide solution to cope with this externality. The Rise in Fuel Price is directly linked to the International Crude Oil Price. Thus the rise in Fuel Prices that the country has been witnessing is attributable to a number of factors. While Government too can play a role in cutting down the price, it is inappropriate to blame the Government alone for this hike

Bhattacharya , (2009) this research paper, the author attempts to investigate with International prices of oil impacts the domestic inflation and output growth in India. The study focuses on two main instances for the investigation – first when fuel prices are directly proportionate to the international fuel prices and second instance is the current situation where the fuel prices are dependent on the government policies revised every now and then.

Bhanumurthy, (2012)This research study in depth focused on the effect that transmission of International Oil Prices and domestic oil price pass through policy on the Indian economy (taking the main macroeconomic variables). The entire study has been done with the help of a macroeconomic policy simulation model.

Anand, (2013)In this study, the analysis is on the fuel pricing approaches taken in the country along with the necessity of fuel subsidy reforms and reform options. The paper looks in detail into the degree of fuel subsidies in action in the county and the increases in domestic fuel prices required to counter the subsidies and also assesses the effect these increases in price will have on the inflation and household real incomes.

Parikh , (2007)In this article, the researchers look into the demand and consumption pattern of the fuel in the Indian economy and analyze how the energy demand will grow in the dynamic phase that Indian economy is currently metamorphosing into . To assist for the same analysis, econometric models have been created for different petroleum based products to extract the variables that are specific to the fuel at an individual level

Mohammad , (1995)This paper assesses the effect that usage of Energy and the associated increase in the fuel pricing will possible have on the Economic Development of the country – in general and urbanization in particular in terms of the changing patterns of energy use. Also this paper put forward what the policies imply toward urbanization and development of the countries.

Purohit, 2000 India Today addressed a couple of individuals with individual vehicles. Every one of them concurred that the new climb in costs have expanded their month to month financial plan on fuel, while some of them said they are prepared to cut their normal month to month fuel utilization to abstain from spending more.

Shukla, 1999 The high pace of fuel costs will affect the car area — an enormous wellspring of work in the nation as vehicle deals may see a sharp drop. Traveler vehicles and bike deals have just seen a dunk in January 2021 and the numbers during the current month could plunge lower.

Caody, 2003 A further constriction sought after for vehicles will significantly affect the auto business and the lakhs of MSMEs that supply merchandise to the area. Lower request will, thusly, lead to boundless occupation misfortunes in the auto and subordinate areas.

Das, 2010 The rising fuel costs in India will likewise have a falling impact on organizations spread across different areas, at least affecting citizens. For starters, individuals who don't claim an individual vehicle will be affected as they should pay more towards profiting from public vehicles.

Batra , 2011 The public transportation area is as of now reflecting on a climb in rates considering increasing operational expenses. Organizations occupied with the coordinations and transportation of products are likewise expected to build their administration rates soon because of the fuel value climb. Interest for expanding item conveyance rates has just put buyer situated organizations in a predicament.

Maitra , 1998 As per an Economic Times report, carriers and vessels are looking for a 10-15 percent expansion in cargo costs. There are numerous variables moving that added to this expansion. This proposed research tries to investigate the significant causes that have added to this ascent, regardless of whether the Government has a significant task to carry out in this evaluating game and what are the potential effects of this on individuals of Bangalore

Thakoor, 2013The cost of Brent rough had slammed from \$66 per barrel in mid 2020 to \$19 per barrel in April basically due to lockdown in different nations and travel limitations that brought about lower unrefined and fuel interest. From that record low, Brent unrefined costs contacted \$55.37 a barrel at one point on January 22, 2021 The costs of petroleum and diesel contacted a record high of Rs 85.45 a liter and Rs 75.63 a liter, individually, in Delhi on January 22.

Bose, 2011 In Mumbai as well, fuel rates expanded to another record high of Rs 92.04 a liter on petroleum and Rs 82.40 a liter on diesel. At the point when the economy was at a stop because of lockdown, a few state governments excessively had expanded obligations to help their income. As of now, charges contribute 62 percent of the costs of petroleum and 57 percent on diesel in Delhi.

P Walsh, 2013 It is the higher charges, alongside rising worldwide raw petroleum costs that prompted the current spike in petroleum and diesel costs in India. Petroleum is presently retailing above Rs 90 for each liter altogether in significant urban communities including Delhi and is very nearly crossing Rs 100 in significant urban communities. It has just hit a century in certain circles. Diesel, as well, has moved to levels never found in the country.

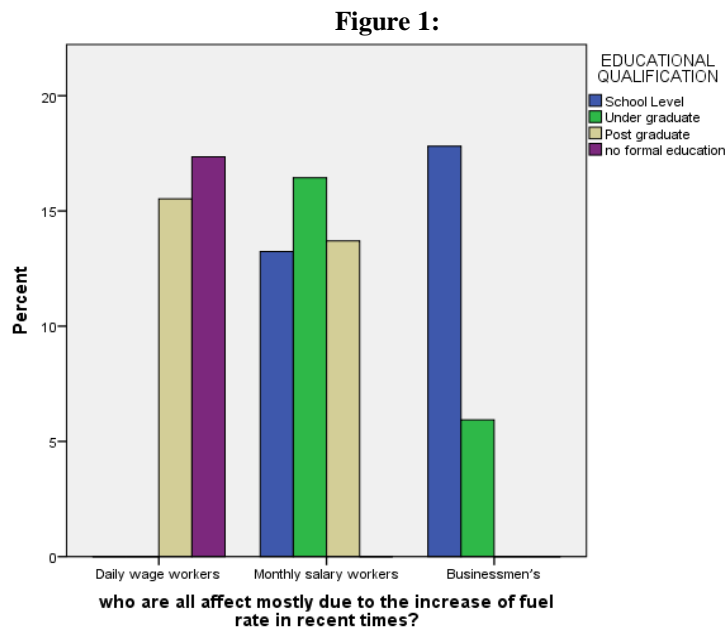
Ronnie , 2019 The circumstance is so awful in certain spots that individuals are strolling additional miles to purchase less expensive fuel or carrying it from adjoining countries. A new report showed that a few people in Bihar's Araria and Kishanganj locale are crossing the boundary to pirate petroleum from Nepal.

IV. METHODOLOGY

The research method followed is descriptive research. The data is collected through a questionnaire and the sample size is 220. Convenience sampling method is adopted in the study to collect the data. The samples were collected from the friends and family members through online mode. The independent variables are gender, age, education qualification, occupation, marital status of respondents. The dependent variables are the problem occurs due to the increase of fuel rate and the people mostly affected due to the increase of fuel rate in recent times. The researcher used graphs to analyze the data collected.

ANALYSIS:

LEGENDS:



Legend:

From figure 1 ,it shows the comparison of the education qualification of the respondents and their opinion about those who are all affected mostly due to the increase of fuel rate in recent times.

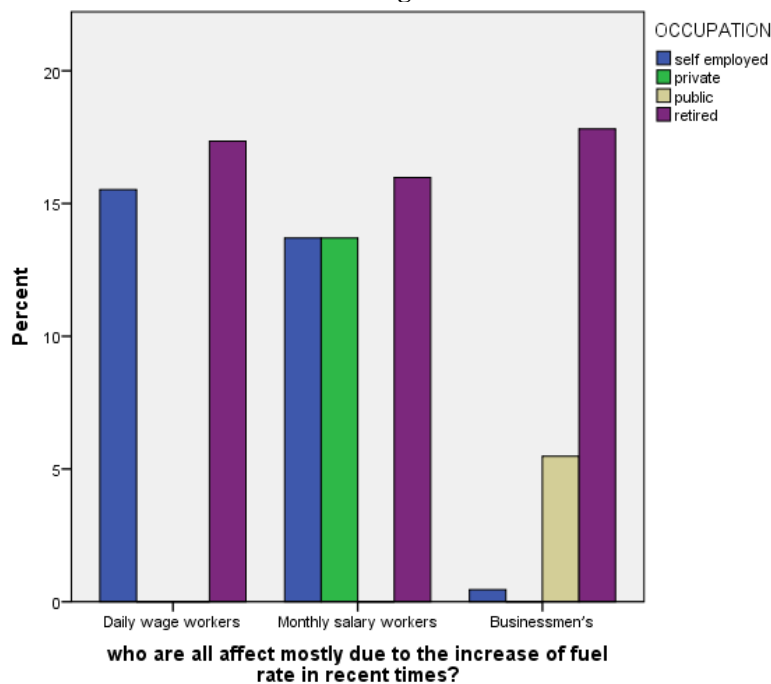
RESULT :

From the survey in Figure (1),it is observed that the comparison on the educational qualification of the respondents and their opinion on who are all affected mostly due to the increase of fuel rate in recent times. The respondents from school level were above 15% states businessmen are mostly affected and undergraduate people have responded above 15% states monthly salary workers are mostly affected and post graduate people have responded 15% states Daily wage workers are mostly affected and the respondents who have no formal education have responded above 15% states daily wage workers are mostly affected due to the increase of fuel rate in recent times .

Discussions:

From the graph it states that the opinion of the undergraduate and postgraduate were the daily wage workers and monthly salary are mostly affected due to the increase of fuel rate in recent time . Because the daily wage workers are the people who will depend upon day to day function of their life and the persons who use vehicles for travelling their worker will be affected due to the change in fuel rate.

Figure 2:



Legend:

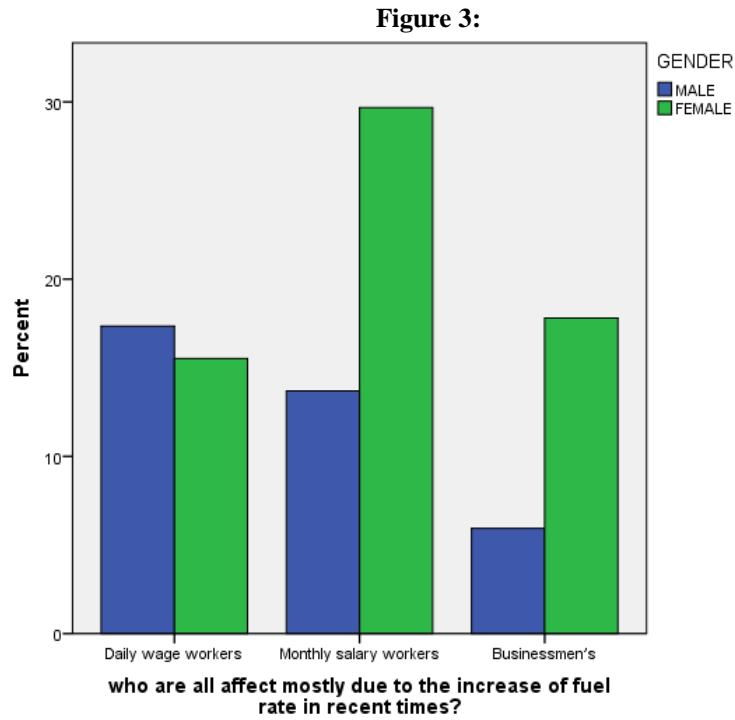
From the figure2 ,it shows the occupation of the respondents and their opinion about those who are all affected mostly due to the increase of fuel rate in recent times.

RESULT :

From the survey in Figure (2),it is observed that the comparison on the occupation of the respondents and their opinion on who are all affected mostly due to the increase of fuel rate in recent times. The respondents from self employed were 15% states daily wage workers are mostly affected and private employed people have responded below 15% states monthly salary workers are mostly affected and public employed people have responded 5% states businessmen are mostly affected and the respondents who are retired have responded above 15% states daily wage workers and monthly salary workers both are mostly affected due to the increase of fuel rate in recent times

Discussions:

From the graph it states that the opinion of the retired and self employed were the daily wage workers and monthly salary are mostly affected due to the increase of fuel rate in recent time . Because the daily wage workers are the people who will depend upon day to day function of their life and increase of fuel rate will affect the transportation cost spent by them.



Legend:

From the figure3 ,it shows the comparison of the gender of the respondents and their opinion about those who are all affected mostly due to the increase of fuel rate in recent times.

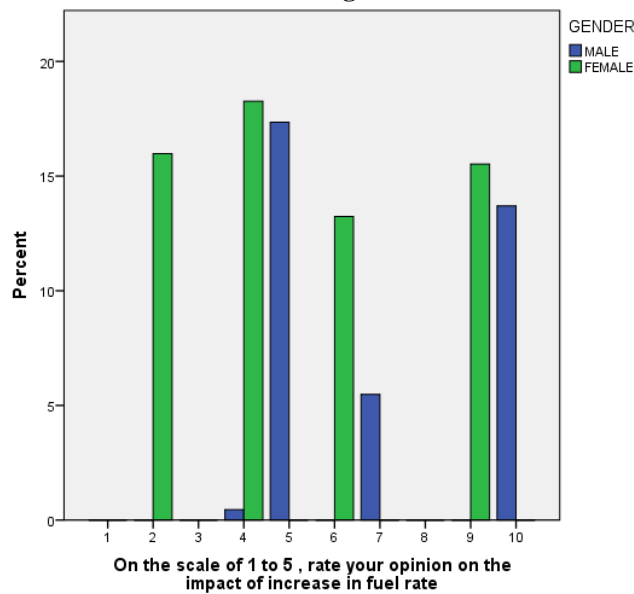
RESULT :

From the survey in Figure (3),it is observed that the comparison on the gender of the respondents and their opinion on who are all affected mostly due to the increase of fuel rate in recent times. The respondents from female were above 15% states businessmen are mostly affected and daily wage workers are less affected compare to businessmen and male have responded below 20% states monthly salary workers and daily wage workers are mostly affected due to the increase of fuel rate in recent times

Discussions:

From the graph it states that the opinion of the female and male were the daily wage workers and monthly salary are mostly affected due to the increase of fuel rate in recent time . Most of the male and female who work as an employee or worker are considered to be the daily wage worker or monthly salary worker and they still feel overburdened due to the increase of fuel rate because they spent more on transportation.

Figure 4:



Legend:

From the figure4 ,it shows the comparison of the gender of the respondents and their opinion about the impact of increase in fuel rate.

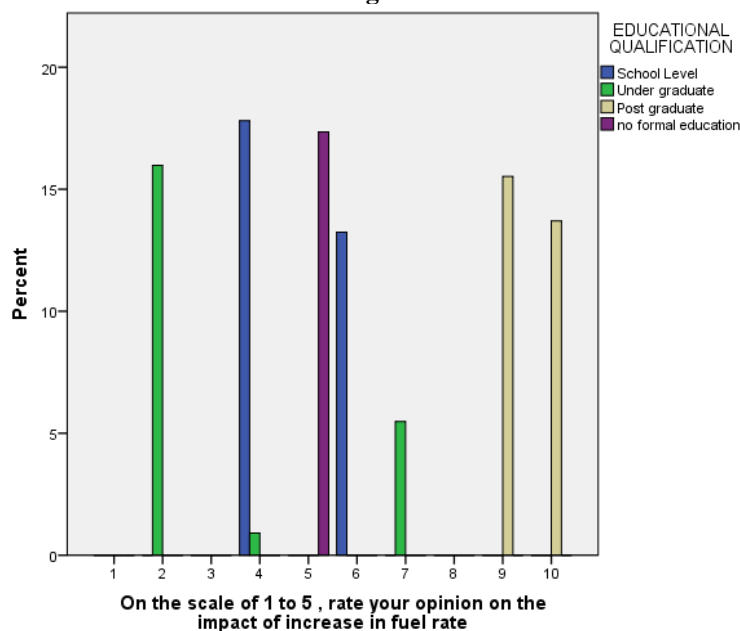
RESULT :

From the survey in Figure (4),it is observed that the comparison on the gender of the respondents and their opinion on the scale of 1 to10, rate your opinion on the impact of increase in fuel rates . The respondents from male have responded below 15% states they have high impact due to the increase of fuel rate and the respondents from females have responded above 15% states they have high impact due to the increase of fuel rate in recent times.

Discussion:

From the graph it states that the opinion of the male and female relates to the impact of an increase in fuel rate . The male and female both gender have high impact due to the increase of fuel rate .

Figure 5:



Legend:

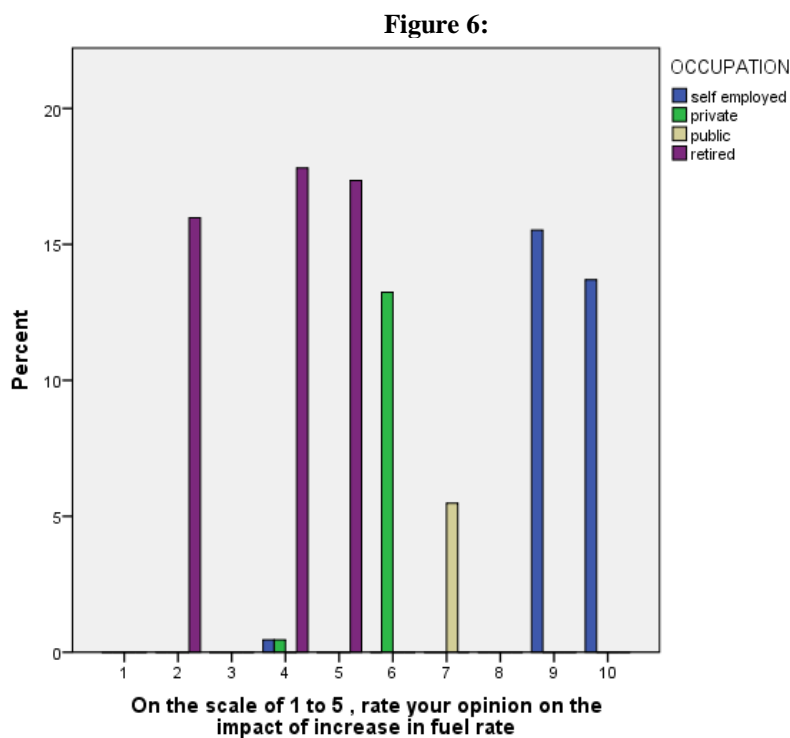
From the figure5 ,it shows the comparison of the educational qualifications of the respondents and their opinion about the impact of increase in fuel rate.

RESULT :

From the survey in Figure (5),it is observed that the comparison on the education qualification of the respondents and their opinion on the scale of 1 to10, rate your opinion on the impact of increase in fuel rates . The respondents from school level were above 15% states they have less impact and under graduate respondents are responded 15% states they have very less impact and post graduate are responded 15% states they have very high impact and the respondents who have no formal education were responded above 15% states they have medium impact on the increase in fuel rate.

Discussion:

The graph states that the opinion of respondents at different educational levels and the rate of impact due to the increase of fuel rate. The respondents in undergraduate, school level and the person who doesn't have formal education feel that they have a high impact of rate due to the rise of fuel rate in recent times.



Legend:

From the figure6 ,it shows the comparison of the occupation of the respondents and their opinion about the impact of increase in fuel rate.

RESULT :

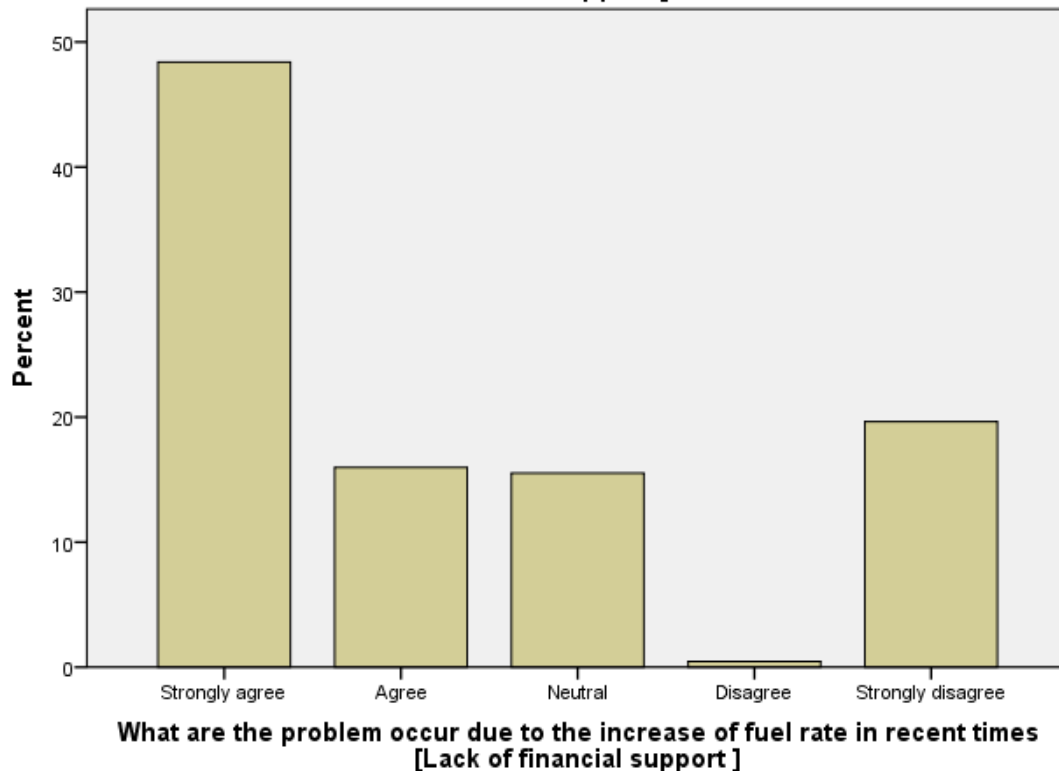
From the survey in Figure (6),it is observed that the comparison on the occupation of the respondents and their opinion on the scale of 1 to10, rate your opinion on the impact of increase in fuel rates . The respondents from self employed were 15% states they have very high impact and private employed respondents responded above 10% states they have medium impact and public employed are responded 5% states they have high impact and the respondents who are retired were responded above 15% states they have medium and low impact on the increase in fuel rate.

Discussion:

The graph states that the opinion of respondents at different occupations and their level of impact towards the rise in fuel prices. The respondents in private , public and self-employed have higher impact due to the increase of fuel rate . Under this self employed are the respondents who are mostly affected because their employment is detached with the public and private sector and they have to bear with the whole expense occurring for their business and increase of fuel make over burden to them.

Figure 7:

What are the problem occur due to the increase of fuel rate in recent times [Lack of financial support]



Legend:

From the figure7 ,it shows the problem occurs due to the increase of fuel rate in recent times.

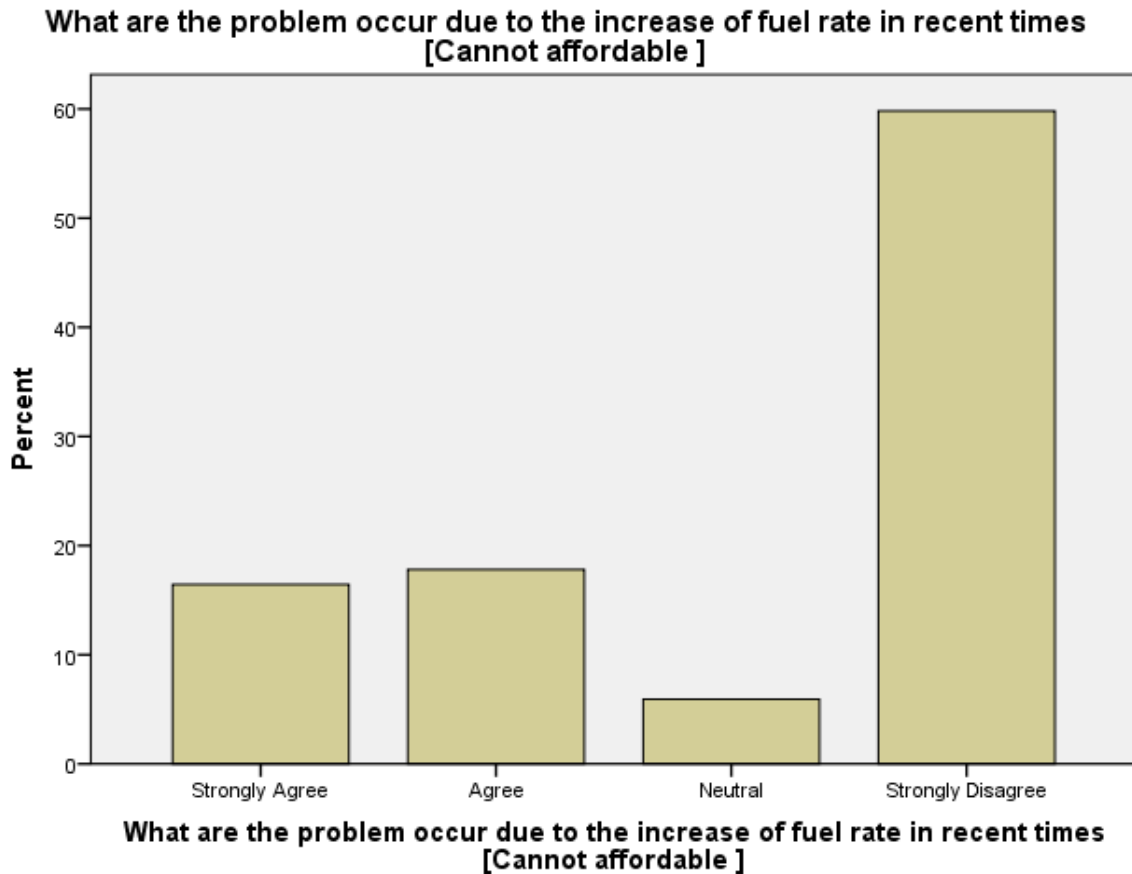
RESULT :

From the survey in Figure (7),it is observed that the respondents and their opinion on what problem occurs due to the increase of fuel rate in recent times. The respondents have responded above 45% stating that they strongly agree that lack of financial support is the only reason and above 15% have stated that the agree and they are also neutral and people above 20% strongly disagree that lack of financial support is the problem occurring due to the increase of fuel rate in recent times and less than 05% have disagreed with the statement.

DISCUSSION

The graph shows that the problems that occur due to the increase of fuel rate in recent times . The majority of the respondents strongly agree that lack of financial support are the one of the major problem that occurs due to the rise in fuel price , because the sudden rise in fuel rate will affect the day to day functioning of peoples and the cost spent for the fuel will get increased and led to the lack of financial support.

Figure 8:



Legend:

From the figure8 ,it shows the problem occurs due to the increase of fuel rate in recent times.

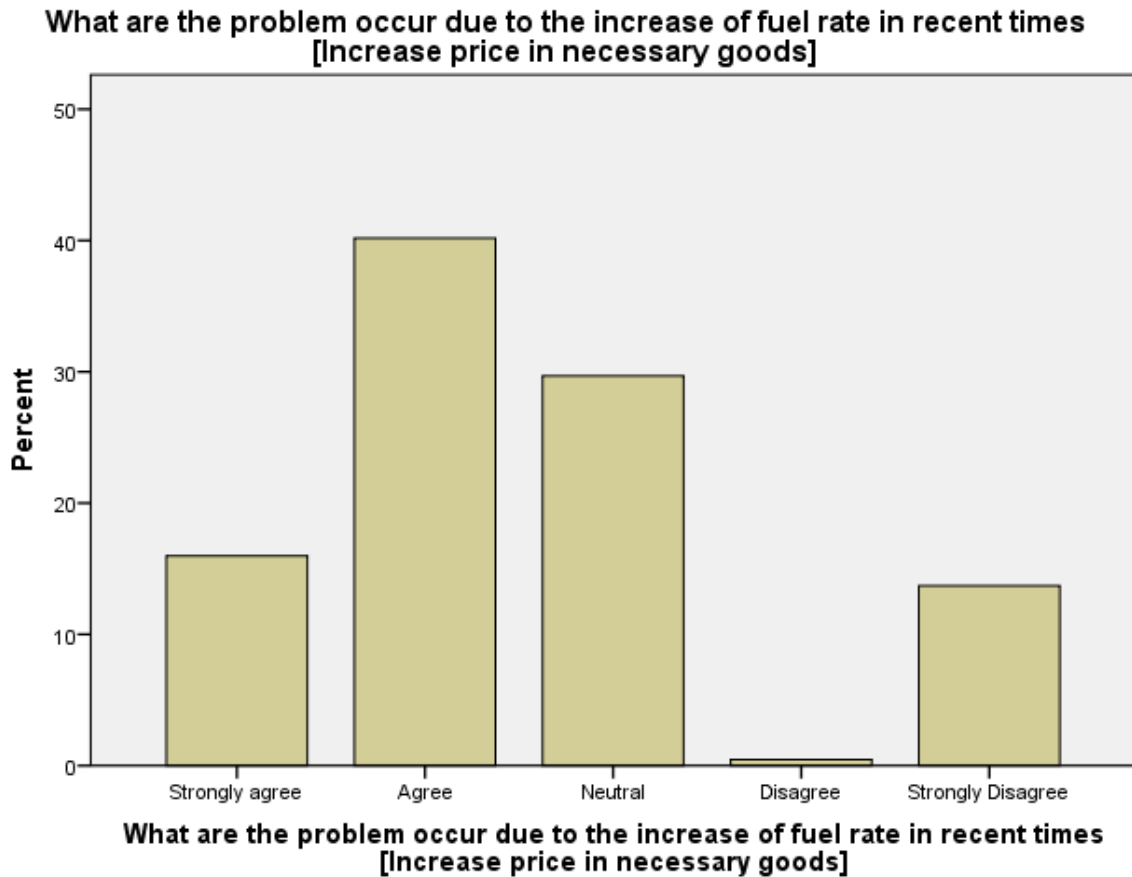
RESULT:

From the survey in Figure (8),it is observed that the respondents and their opinion on what problem occurs due to the increase of fuel rate in recent times. The respondents have responded of 65% stating that they strongly disagree that cannot affordable is the only reason and above 15% have stated that they strongly agree and they also agree that cannot affordable is the reason and people above 20% strongly disagree that lack of financial support is the problem occurring due to the increase of fuel rate in recent times and less than 10% have neutral opinion on the statement.

Discussion :

The graph shows the problems that occur due to the increase of fuel rate in recent times . The majority of the respondents strongly disagreed that the increase of fuel rate is unable to afford it . Because even though the price of fuel has been high, the fuel is considered to be a necessary commodity and it is necessary for the functioning of transport facilities in every business and even for the individual also.

Figure 9:



Legend:

From the figure9 ,it shows the problem occurs due to the increase of fuel rate in recent times.

RESULT:

From the survey in Figure (9),it is observed that the respondents and their opinion on what problem occurs due to the increase of fuel rate in recent times. The respondents have responded above 40% stating that they agree that increased price in necessary good is the only reason and above 30 % have stated that they are neutral and below 20% they agree and some of them disagree that increased price in necessary good is the reason and below10% disagree that increased price in necessary goods is the problem occurring due to the increase of fuel rate in recent times

DISCUSSION

The graph shows the problems that occur due to the increase of fuel rate in recent times . The majority of the respondents agree that increased prices in necessary goods are one of the problems that occur due to the increase in fuel rate in recent times. The fuel is mostly used for the transportation and mainly for the transportation of goods from one place to another. So increasing the fuel price directly affects cost spent for the transportation of goods and it will be reflected in the price of goods transported.

GENDER * who are all affect mostly due to the increase of fuel rate in recent times? Crosstabulation

Count

		who are all affect mostly due to the increase of fuel rate in recent times?			
		Monthly workers	salary	Businessmen's	Total
Daily wage workers					

GENDER	MALE	38	30	13	81
	FEMALE	34	65	39	138
Total		72	95	52	219

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	12.101 ^a	2	.002
Likelihood Ratio	12.023	2	.002
Linear-by-Linear Association	10.832	1	.001
N of Valid Cases	219		

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 19.23.

LEGENDS: The above TABLE 1 shows those who are all mostly affected due to increase in fuel rate.

RESULTS: The result of the expected p-value is less than 0.05. As the null hypothesis is accepted.

V. SUGGESTION

The Rise in Fuel Price is straightforwardly connected to the International Crude Oil Price. Along these lines the ascent in Fuel Prices that the nation has been seeing is owing to various components. While the Government also can assume a part in reducing down the value, it is wrong to fault the Government alone for this climb. Taint, a large number of the State Governments have chopped down the VAT rate to adapt up to the expanded Fuel cost and even the Focal Government has likewise chopped down its Excise obligation on Petrol and Diesel by a level INR 2 for each liter. Subsequently we can reason that the Government has a task to carry out in the Fuel costs in the country, however that by itself isn't the sole determinant of the Fuel Price. Bringing Petrol and diesel under the GST system is one more long way yet, soon that likewise will be actualized.

VI. CONCLUSION:

Petroleum products like coal, petroleum, and diesel have been affecting living souls as far as rising costs, supply of these fills, an Earth-wide temperature boost, expanded consumption examples and need to find dependable choices of these powers. The researcher attempted to evaluate the impact towards the common people due to increase of fuel rate, To analysis the categories of people affected due to increase in fuel rate, To analysis the problems occurs due to the increase of fuel rate. The finding of the research is that most of the people are affected highly due to the increase of fuel rate in recent time and there are major problems like lack of financial support, rise in price of necessary goods and unable to afford. Compared to other people, daily wage workers and monthly salary peoples are the most affected due to the rise in price of fuel.

REFERENCE:

- [1]. Aswin Sivarajan, Biwin Mathew, Anush (2018) Rising Fuel Prices in Bangalore - Causes and Impact Volume 5, Issue 4
- [2]. Agency, I. E. (2009, june). Petroleum Prices, Taxation and Subsidies in INDIA. Retrieved from International Energy Agency: https://www.iea.org/publications/freepublications/publication/petroleum_pricing.pdf
- [3]. Anand, M. (2016). Reforming fossil fuel prices in India: Dilemma of a developing economy;. Energy Policy, 139-150.
- [4]. Anand, R., Caody, D., Mohommad, A., Thakoor, V. V., & P Walsh, J. (2013). The Fiscal and Welfare Impacts of Reforming Fuel Subsidies in India. IMF Working Paper, 1-31.
- [5]. Bhanumurthy, N. R., Das, S., & Bose, S. (2012). Oil Price Shock, Pass-through Policy and its Impact on India. 1-47.
- [6]. Bhattacharya, B., & Batra, A. (2009). Fuel Pricing Policy Reform in India: Implications and Way forward. Economic & Political Weekly, 77-86.
- [7]. https://www.iea.org/publications/freepublications/publication/petroleum_pricing.pdf
- [8]. INDIA, T. O. (2017, SEPTEMBER 16). GST on petrol and diesel. Retrieved from TIMES OF INDIA: <https://timesofindia.indiatimes.com/business/india-business/gst-on-petrol-and-diesel/articleshow/60511273.cms>

- [9]. Line, B. (2018). Oil India reports 3.57% higher crude production in FY 2017-2018 . Retrieved from Business Line: <https://www.thehindubusinessline.com/companies/oil-india-reports-357-higher-crude-production-in-fy-2017-2018/article25016213.ece>
- [10]. Oil and gas industry in India. (2018, September 18). Retrieved from www.wikipedia.com:
- [11]. https://en.wikipedia.org/wiki/Oil_and_gas_industry_in_India
- [12]. Parikh, J., & Shukla, V. (1995). Urbanization,energy use and greenghouse effects in economic development:Results from a cross-national study of developing countries. *Global Enviromental Change*, 87-103.
- [13]. Parikh, J., Purohit, P., & Maitra, P. (2007). Demand projections of petroleum products and natural gas in India. *Energy*, 1825-1837.
- [14]. Sarkar, S. (2018, September 27). As Crude Oil Prices Surge,India Inc.Has Many Reasons To Worry. Retrieved from Bloomberg Quint: <https://www.bloombergquint.com/business/as-crude-oil-prices-surge-india-inc-has-many-reasons-to-worry#gs.EQNiRaM>
- [15]. Shrivastava, R. (2018, September 10). Rupee falls further,fuel prices soar:Here is what is happening to the economy. Retrieved from INDIA TODAY: <https://www.indiatoday.in/business/story/rupee-falls-further-fuel-prices-soar-here-is-what-is-happening-to-the-economy-1336473-2018-09-10>