An Analytical Study Of Area-Wise Potintial Of Mobile Internet

Dr. Jasbir Singh, Associate Professor, Maharaja Surajmal Institute, Affiliated to GGSIP University, New Delhi-110058, Mobile 9718933600, E-mail: jassideswal1974@gmail.com,

Abstract

Mobile phone is the best friend of the present generation. Mostly people use the smart phone. Smart phone cannot function without internet. So, internet is the primary requirement for the smart phone user. This paper shows the trend of the growth of mobile phone and internet user in India, urban area and rural area. This research also found rural area had low growth rate of mobile and internet user in compared to India and urban area. Correlation, CAGR and mean analysis is done to find the effects of certain parameters which effect the mobile and internet growth in India. Paper analysis also finds the correlation with total internet access and Mobile internet access. In the present era Mobile and internet growth is closely linked with each other. India is called youngest country because more than 40 percent of total population comes in the category of young population. According to some study's in 2019 out of total internet user 38% internet user are kids which comes in the age group of 15 years and blow. So, youth is a big market for smart phone and use of internet.

Key words: Correlation analysis, CAGR, mean analysis, mobile phone, internet, subscription rate, Tele-density, penetration etc.

Introduction

Indian economy is called the rural or agriculture economy. At present 68.84 percent people are leaving in rural area. Rural economy has a huge potential of growth. It is a positive sign for Indian economy. At present (Jan 2020) 696.77 million people are using the internet. It is estimated that upto 2025, 974.86 million people will be user of mobile phone and internet in India. India comes in top 20 phones and internet user countries. In 2018 out of 100 people 38 were using the internet. While in the same time period in whole world out of 100 people 51 people were using the internet. Highest number of people out of 100 people 80 people in Europe was using the internet while lowest number 24 people out of 100 people were using the internet in Africa in same time period. Due to work from home use of phone and internet is increasing more and more in Pandemic.

In 31st March 2019, 420.70 million people were using the phone and internet and it is estimated that this number in 2023 will be increased 500.90 million. In the same time period out of 1161.71 million phone and internet user, 669.14 million people in urban area and 514.27 million people are using the phone and internet in rural area. At present out of total user 55 percent are male and 45 percent are female in India. According to 2019 tele-density of internet user per 100 in India is 90.10 and mobile internet user is 88.45 per 100 people. While this tele-density per 100 people in urban area is 159.66 people while in rural area it is 57.50 people. It shows the less growth rate of rural internet user in comparison to urban area. In rural India growth rate of monthly active internet user is estimated 45% for the year 2020 while it is estimated for urban people 11 percent in India. Out of total internet user

38% internet user are kids who come in the age group of 15 years and blow. It happened due to local language software and video key driver for the booming in the rural internet growth. Children and housewives in rural area will be the new internet adopters in the next one or two year. In the rural India out of total internet user 84% users access the internet for entertainment purposes.

A huge number of people live in rural India and majority of population living without internet. So we can say that there is a huge possibility to increase the internet user in rural India. But there is a big problem of poor infrastructure in rural India. Due to less supply of power and less speed of bandwidth the internet connectivity remain low in rural internet penetration. Another block is lack of affordable computer systems and internet connections due to rural people's low income. On an average a farmer family in which on an average minimum five person are living whose per month income on current prices is 6500 rupees. In comparison to developed countries, India's literacy rate is still very low (77.7% in year 2019) and it is very much low (73.5%in year 2019) in rural areas. According to Indian constitution, 22 official languages and a lot off unofficial and local languages useas.

Review of literature

According to M. Prabu and R. Manoov in their study 'Analyzing the impact of Internet in rural India' found that, rural internet growth is not related to urban internet growth. Study found that, as rural subscriber rate increases the rural internet growth also increase. Study also found that urban internet users mostly use wireless mode to access internet.

Kathait and Singh, 2014 found their report that more teenagers are attracted towards internet and the reasons are;

- (a) Students have a lot off blocks to spent times,
- (b) Various schools and universities provide the free access of internet,
- (c) Students between age group of 18-22 years those are away from parental first time and out of parental control are not in monitoring mostly times they remain online.
- (d) Young students those have no experience of hostel and university life they have to face new problems to adapting hostel and university life. In this age when they make new friends especially opposite sex and seeking a companion they use different social network applications which required the internet.
- (e) Students have to attend the online coaching classes and have to submit the assignment and answer sheet and receive full encouragement from faculty and administrators through using the different mobile applications.
- (f) Adolescents are more trained to use the different applications of technological inventions which trained to use the different applications for technological inventions they required the access of internet.
- (g) Students explore the university sources to remove the stress, to pass exams in a essays and complete their degrees in the prescribed time with reasonable marks.
- (h) Students feel that university life is alienated from social life and activities. After finishing their studies when they goes in the job market with all its uncertainties they must participate and succeed in finding employment through internet.

According to Sandhya Keelery, July 7 2020, in the report 'Internet usages in India- Statistics & Facts' found that data usage per Smartphone per month will triple 21 EB per month (one billion GB) by 2025. On an average Indian used around 12 GB data monthly. It is highest consumption globally. It is projected that use of data by 2025 may be increased around 25 GB per month.

Research Methodology:

Present paper is totally based of secondary data. Secondary data has been collected from various sources like: TARI& Telecom Statistics India 2019. In the present study data analysis through chart, mean value, growth value, percentage methods and correlation methods etc.

Hypotheses:

H1: Total internet growth is related to rural internet growth.

H2: Rural internet growth is not related to urban internet growth.

H3: Internet growth rate is related to mobile internet growth.

H4: India's internet growth rate is not correlated with World internet growth.

$$r_{xy} = \frac{\sum_{i=1}^{n} (x_i - \bar{x})(y_i - \bar{y})}{\sqrt{\sum_{i=1}^{n} (x_i - \bar{x})^2 \sum_{i=1}^{n} (y_i - \bar{y})^2}}$$

Correlation coefficient method, Here x_i is rural area, y_i is urban area. Here x_i is Rural Subscribers, y_i is Urban Subscribers.

Compound Annual Growth Rate (CAGR) = (Current Value /Base Value) $^{1/n}$ – 1 n= number of years, End= Current Value, Start= Base Value

Table No1: Individual Internet User in World per 100 People from 2008 to 2018

Year	World	Developed	Developing	India
2008	23	61	14	7
2009	25	63	17	11
2010	29	67	21	16
2011	31	68	23	34
2012	34	72	26	39
2013	37	74	29	13
2014	40	76	32	20
2015	43	76	36	24
2016	46	79	39	27
2017	49	80	42	33
2018	51	81	45	38
Mean	37.09	72.45	29.45	12.82
Total	408	797	324	262
CAGR	7.5	2.61	11.19	16.62

Source: ITU website, TARI& Telecom Statistic India 2019.

Table no 1 show that there is a significant correlation 0.989 at 0.05% between India & world Mobile internet user. Table shows that mean value of individual internet user during the study period is highest in developed countries (72.45%) and lowest in the India (12.82%). Mobile internet user per 100 in the developed countries is 2.46 times greater (72.45%) than

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developing countries (29.45%) during the study period. Study found that growth rate of Mobile internet user in India is calculated 16.62% that is greater than the growth rate of world (7.5%), developed countries (2.61%) and under developing countries (11.19%).

Table No 2: Mobile Internet Subscriptions in World per 100 People from 2008 to 2018

Year	World	Developed	Developing	India
2008	60	108	49	29
2009	68	112	58	43
2010	77	113	69	61
2011	84	113	78	71
2012	88	116	83	68
2013	93	118	88	69
2014	97	122	91	73
2015	97	125	92	76
2016	101	127	95	85
2017	104	127	99	87
2018*	107	128	103	87
Total	976	1309	905	749
Mean	88.73	119	82.27	68.09
CAGR	5.40	1.56	6.99	10.50

Source: ITU website, TARI& Telecom Statistic India 2019.

Table no 2 depicts that mobile internet subscriptions per 100 in the world is highest in developed countries (119%) and lowest in India (68.09%). Table also shows that mobile internet subscriptions per 100 in the developed countries are 1.45 times greater (119%) than developing countries (82.27%). While in India 68.09 percentage people are using the mobile internet, it is less than the World mobile internet user (88.73%). Study found that growth rate of mobile internet subscriptions in India is calculated highest 10.5% in the world and it is greater than the growth rate of world (5.40%), developed countries (1.56%) and under developing countries (6.99%).

Table no 3 shows that there is significant correlation 0.951 at 0.01% (2-tailed) between mobile internet subscription rate and social network subscription rate. Table depicts that there is significant correlation 0.995 at 0.01% (2-tailed) between mobile internet subscription rate and social network subscription rate. Table also shows that there is significant correlation 0.969 at 0.01% (2-tailed) between internet subscription rate and mobile internet subscription rate. Study found that growth rate of internet user, mobile internet user, social network user and face-book users are 12.55%, 8.37%, 13.59% & 14.09% during the study period respectively.

Table no 3: Number of Mobile Internet users in India from 31st March 2015 to 31st March 2019 with a forecast until 2023 (in Millions)

Year	Internet	Mobile	Social	Face-book
	User	Phone	Network	User
		Internet User	User	

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^{*}Estimated Data

2015	302.36	242.92	142.23	135.6
2016	342.65	281.81	168.10	165.57
2017	422.20	361.60	296.30	248.3
2018	493.96	390.90	326.10	281.0
2019	636.73	420.70	351.40	313.6
2020	696.77	448.20	376.10	346.2
2021	761.29	469.30	400.30	378.9
2022	820.99	486.70	422.70	411.5
2023	876.25	500.90	447.90	444.2
Mean	594.8	400.34	325.68	302.76
CAGR	12.55	8.37	13.59	14.09

NA: Data not Available.

Table No-4: Correlations

		Face- book	Social net work user
Face-book	Pearson Correlation	1	.986**
	Sig. (2-tailed)		.000
	N	9	9
Social net work	Pearson Correlation	.986**	1
user	Sig. (2-tailed)	.000	
	N	9	9

^{**.} Correlation is significant at the 0.01 level (2-tailed).

Table No-5: Correlations

		Face- book	Phone internet
Face-book	Pearson Correlation	1	.992**
	Sig. (2-tailed)		.000
	N	9	9
Phone internet	Pearson Correlation	.992**	1
	Sig. (2-tailed)	.000	
	N	9	9

^{**.} Correlation is significant at the 0.01 level (2-tailed).

Table No-6: Correlations

		Phone internet	Social net work user
Phone internet	Pearson Correlation	1	.995**
	Sig. (2-tailed)		.000
	N	9	9
Social net work user	Pearson Correlation	.995**	1
	Sig. (2-tailed)	.000	
	N	9	9

^{**.} Correlation is significant at the 0.01 level (2-tailed).

Table No-7: Correlations

		Internet user	Mobile phone internet user
Internet user	Pearson Correlation	1	.969**
	Sig. (2-tailed)		.000
	N	9	9
Mobile phone internet user	Pearson Correlation	.969**	1
	Sig. (2-tailed)	.000	
	N	9	9

^{**.} Correlation is significant at the 0.01 level (2-tailed).

Table show that there is a significant correlation 0.986 at 0.01% (2-tailed) between social network user and face-book user. Table also show that there is a significant correlation 0.992 at 0.01% (2-tailed) between face-book and mobile internet subscription rate. Another, table show that there is a significant correlation 0.995 at 0.01% (2-tailed) between mobile internet subscription rate and social network subscription rate.

Chart No 1: Number of Mobile Internet users in Big Cities in India as on 31st March 2019 (in Millions)

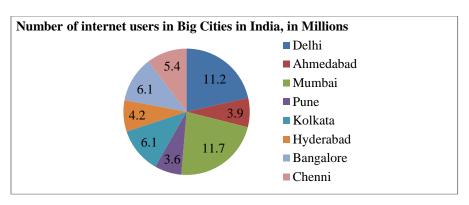
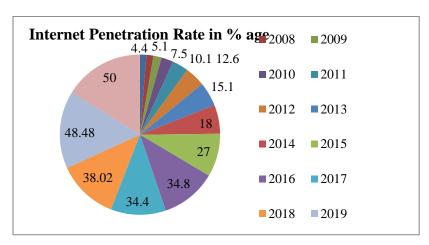


Chart no 1: Shows that in the big cities in India highest mobile internet subscribers in 2019 came (11.7 millions) from Mumbai and lowest came from the Pune (3.6 Millions).

Chart No 2: Mobile Internet penetration rate in India from 2008 to 2019



Source: TARI& Telecom Statistic India 2019.

Chart no 2: Shows that mobile internet penetration rate in India was 4.4 percent in 2008 which has increased 48.48 percent in 2019.

Chart No 3: Mobile Internet projected penetration rate in India from 2015 to 2025

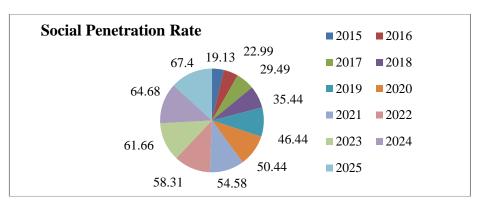


Chart no 3: Depicts that social penetration rate in India was 19.13 percent in 2015 which may be increased 67.4 percent in 2025.

Chart No-4: Distribution of Internet user by Gender and by area wise in India as on 2019 (in % age)

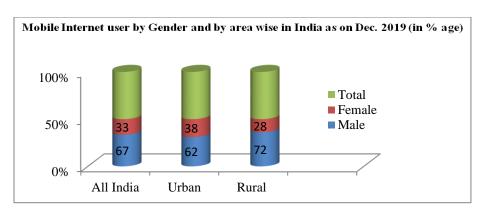
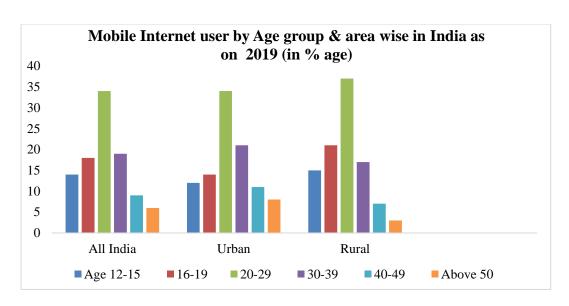


Table no 4 shows that on all India level 67 percent male and 33 percent female are using the Mobile internet. While 62 and 72 percent male and 38 and 28 percent female are using the mobile internet in urban and rural areas in December 2019 respectively.

Table no 5 depicts that on all India level, urban area and rural have the highest percent (35, 33 & 37%) of mobile internet user comes from the age group 20-29 years and lowest mobile internet user (6, 8 & 3%) comes from the age group of above 50 years respectively.

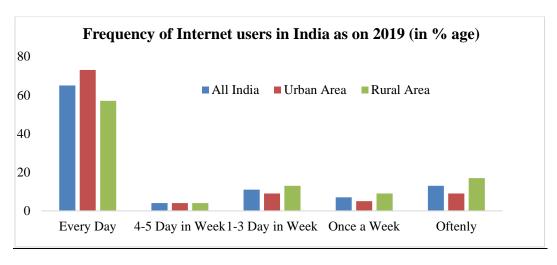
Chart No-5: Distribution of Mobile Internet user by Age group in India as on 2019 (in % age)



Source: DOT compiled data, TARI& Telecom Statistic India 2019.

Table no 6 depicts that frequency of mobile internet user in all India level, urban areas and rural areas have the highest percent (65, 72 & 57%) of mobile internet user comes from the categories everyday user respectively. While, lowest mobile internet user (4%) comes from the categories 4-5 days in a week user.

Chart No-6: Frequency of Mobile Internet users in India as on 2019 (in % age)



Source: DOT compiled data, TARI& Telecom Statistic India 2019.

Table No 8: Area-wise & Sector-wise No of Mobile Internet user in India from 31st March 2008 to 31st March 2019 (In Millions)

	Year	No of Phone	Wireless	Wire-line	Urban	Rural	Public	Private
	2008	300.49	261.08	39.41	223.99	76.50	79.55	220.94
Ī	2009	429.72	391.76	37.96	306.21	123.51	89.55	340.18

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2010	621.28	584.32	36.96	420.51	200.77	105.87	515.41
2011	846.33	811.6	34.73	564.04	282.29	126.00	720.33
2012	951.35	919.18	32.17	620.52	330.83	130.27	821.08
2013	898.02	867.81	30.21	548.80	349.21	130.11	767.91
2014	933.02	904.52	28.50	555.23	377.78	120.05	812.96
2015	996.13	969.54	26.59	580.05	416.08	100.34	895.79
2016	1059.33	1034.11	25.22	611.56	447.77	108.65	950.68
2017	1194.99	1170.59	24.40	693.18	501.81	122.18	1072.81
2018	1211.80	1188.99	22.81	685.93	525.87	131.66	1080.14
2019	1183.14	1161.71	21.70	669.14	514.27	133.51	1049.90
Mean	885.47	855.42	30.06	539.93	345.56	114.81	770.68
Total	10625.6	10265.0	360.66	6479.16	4146.69	1377.74	9248.13
CAGR	12.10	13.25	-4.85	9.55	17.21	4.41	13.87

Table No-9: Correlations

		No. Of Mobile Phone	Rural
No. of Mobile Phone	Pearson Correlation	1	.989**
	Sig. (2-Tailed)		.000
	N	12	12
Rural	Pearson Correlation	.989**	1
	Sig. (2-Tailed)	.000	
	N	12	12

^{**.} Correlation is significant at the 0.01 level (2-tailed).

Table no 8 depicts that there is a significant correlation 0.989 at 0.01% (2-tailed) between number of mobile internet user and Rural India. There is no correlation between rural and urban areas. There is a significant correlation 0.986 at 0.05% between urban areas and wireless internet user. There is also a significant correlation 0.989 at 0.05% between rural areas and wireless internet user.

Study also found that growth rate of mobile internet user, wireless internet user, mobile internet user in urban areas, mobile internet user rural areas, public sector internet user and private internet users are 12.10, 13.25, 9.55, 17.21, 4.41 & 13.87 percent during the study period respectively. While during the same time period growth rate of wire-line is negative (-4.85%).

Table No 10: Area-wise & Sector-wise Tele-density of Mobile Internet User in India from 31st March 2008 to 31st March 2019 (per 100)

Year	Tele-	Wireless	Wire-line	Urban	Rural	Public	Private
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Mohile I	nternet						

	density						
2008	26.22	22.78	3.44	66.39	9.46	6.94	19.28
2009	36.98	33.71	3.27	88.84	15.11	7.71	29.27
2010	52.74	49.60	3.14	119.45	24.31	8.99	43.75
2011	70.89	67.98	2.91	156.93	33.83	10.55	60.34
2012	78.66	76.00	2.66	169.17	39.26	10.77	67.89
2013	73.32	70.85	2.47	146.64	41.05	10.62	62.69
2014	75.23	72.94	2.30	145.46	44.01	9.68	65.55
2015	79.36	77.24	2.12	149.04	48.04	7.99	71.36
2016	83.40	81.41	1.99	154.18	51.26	8.55	74.85
2017	93.01	91.11	1.90	171.52	56.98	9.51	83.50
2018	93.27	91.51	1.76	166.64	59.25	10.13	83.14
2019	90.10	88.45	1.65	159.66	57.50	10.16	79.94
Mean	71.10	68.63	2.47	141.16	40.01	9.30	61.80
Total	853.18	823.58	29.61	1693.92	480.06	111.6	741.56
CAGR	10.83	11.97	-5.94	7.59	16.23	3.23	19.69

Table no 10 depicts that Tele-density Correlation is significant 0.950 at 0.05% between total mobile internet subscription and rural areas. Tele-density Correlation is significant 0.893 at 0.05% between total mobile internet subscription and urban areas. There is significant Correlation 0.961 at 0.05% for Tele-density between total mobile internet user in urban areas and wireless internet user. There also significant Correlation 0.982 at 0.05% for Tele-density between total mobile internet user in rural areas and wireless internet user. Study also found that growth rate of Tele-density, wireless, urban, rural, public and private sector's internet user are 10.83, 11.97, 7.59, 16.23, 3.23 & 19.69 percent during the study period respectively. While during the same time period growth rate of wire-line is negative (-5.94%).

Table No 11: Service Area wise no of Mobile Internet Subscriber in India from 31st March 2008 to 31st March 2019 (Share In % age& Tele-density per 100)

	% age Share			Tele-density Per 100			
Name	Total	Urban	Rural	Total	Urban	Rural	
Andhra Pradesh	6.82	7.33	7.57	80.98	161.83	43.20	
Assam	1.65	1.22	2.36	47.53	131.83	31.88	
Bihar	6.5	5.41	8.65	39.58	149.86	27.44	
Gujarat	5.97	6.13	5.87	84.76	129.74	48.56	
Haryana	2.32	2.05	2.84	75.45	118.10	52.49	
Himachal Pradesh	0.87	0.53	1.43	110.79	362.21	78.16	
Jammu & Kashmir	0.88	0.79	1.05	65.59	127.60	42.08	
Karnataka	6.12	7.00	4.65	87.34	160.98	41.92	
Kerala	3.95	3.44	5.01	95.28	204.07	58.22	
Madhya Pradesh	5.77	5.62	5.96	51.36	111.06	29.20	
Maharashtra	7.92	7.13	9.36	72.09	111.36	50.46	
North East	0.97	0.89	1.12	38.61	143.50	39.18	

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Odisha	2.65	2.02	3.70	57.80	152.32	38.06
Punjab	3.47	3.58	3.43	98.86	148.10	62.18
Rajasthan	5.52	4.64	7.07	68.71	146.69	44.00
Tamil Nadu	7.71	9.06	5.66	100.91	130.76	64.86
Utter Pradesh	13.25	11.80	14.26	49.32	117.83	29.34
West Bengal	4.56	2.76	7.55	53.21	134.36	39.63
Kolkata	2.64	3.91	0.49	145.77	#	#
Chennai*	2.26	3.17	0.09	136.02	134.61	#
Delhi	5.01	7.75	0.40	213.92	#	#
Mumbai	4.0	6.29	0.19	150.24	#	#
Total	100.81	102.52	98.71	1924.12	2876.81	820.86

#: Rural- Urban Breakup of population is not available.

*Included in Tamilnadu from year 2011

Source: TARI& Telecom Statistic India 2019.

Table no 11 explain that there is significant Correlation 0.610 at 0.05% between mobile internet user in rural and urban areas. There also significant correlation 0.626 at 0.05% for Tele-density between mobile internet user in rural and urban areas.

Table No 12: Service Area wise Total Mobile Internet Subscriptions in Rural India from 31st March 2008 to 31st March 2019 (in Millions

Year	2019	2018	2017	2016	2015	Mean Value	CAGR
AP	19.94	12.83	12.10	9.13	8.14	12.43	19.62
Assam	5.68	5.04	4.25	3.22	3.25	4.29	11.81
Bihar	22.62	13.51	11.91	8.87	7.94	12.97	23.29
Delhi	0.70	0.72	0.69	0.94	1.02	0.81	-7.25
Gujarat	11.44	8.26	8.26	6.05	6.46	8.09	12.11
Haryana	5.54	3.80	3.65	2.97	3.15	3.82	11.95
HP	3.21	2.04	2.10	1.75	1.63	2.15	14.52
J & K	2.57	1.92	1.87	1.85	1.81	2.00	7.26
Karnataka	11.93	6.69	6.37	5.54	5.31	7.17	17.57
Kerala	10.04	7.49	6.72	5.58	5.93	7.15	11.10
Kolkata	1.53	1.00	0.76	0.55	0.44	0.86	28.31
M P	15.69	6.94	7.70	6.25	5.70	8.46	22.45
Maharashtra	20.21	12.79	11.75	9.75	9.19	12.74	17.07
Mumbai	1.21	0.75	0.50	0.28	0.25	0.60	37.08
North East	2.78	2.38	2.22	1.97	1.91	2.25	7.80
Orissa	9.64	5.67	4.93	3.36	3.52	5.42	22.32
Punjab	7.13	4.58	4.67	4.71	4.83	5.18	8.10
Rajasthan	15.57	9.47	8.71	7.0	7.30	9.61	16.36
Tamil Nadu	11.37	9.31	8.08	6.85	6.50	8.36	11.83
U P East	22.81	14.46	13.41	11.22	10.65	14.51	16.45
UP West	11.90	7.03	7.10	6.48	5.67	7.64	15.98
West Bengal	13.49	9.14	8.80	7.64	6.90	8.19	14.35
Total	227.01	145.82	136.52	111.95	107.56	145.77	

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Table no 12 depicts that according to service area wise average mobile internet subscriptions in Rural India is highest in UP east (14.51) and lowest in J&K (2.00) from 2015 to 2019. Study find that highest growth rate of mobile internet user during the study period comes in Mumbai (37.08%) while lowest growth rate comes in Delhi (-7.25%) that is negative.

Result and discussion

Hypothesis Testing

H1: Total internet growth is related to rural internet growth.

There is a significant correlation 0.989 at 0.01% (2-tailed) between number of mobile internet user and Rural India. Tele-density correlation is also significant 0.950 at 0.05% between mobile internet subscription and rural areas. So study found that H1 is true.

H2: Rural mobile internet user growth is not related to urban mobile internet user growth.

There is no correlation between rural and urban areas. So study found that H2 is true.

H3: Internet growth rate is related to mobile internet growth rate.

There is significant correlation 0.969 at 0.01% (2-tailed) between total internet subscription rate and mobile internet user subscription rate. So study found that H3 is true.

H4: India's total mobile internet user growth rate is not correlated with World's mobile internet user growth rate.

There is a significant correlation 0.989 at 0.05% between Indian mobile internet user & world mobile internet user. So study found that H4 is false.

Study found that growth rate of mobile internet user in India is 10.5% that is highest in the world. Study found the discrimination in the user of mobile internet user according to gender, age group and area wise. Study shows that during the study period growth rate of Number of Face book user, Social Network user & Mobile Internet users in India came 14.09%, 13.59% and 8.37% respectively. In rural India only 28 percent female are using the mobile internet in comparison to 33 percent female in all India level. In the rural areas highest mobile internet user (37%) comes in the age group of 20-29 years. Only 57 percent rural population is using the internet. It is less than all India (65%) and urban (72%) population. Growth rate of rural mobile internet user is calculated 17.21 percent that is highest in comparison to all India (12.10%) and urban areas (9.55%). Tele-density growth rate of mobile internet user in rural areas is calculated (16.33%) which is greater than all India mobile internet user growth rate (7.59%).

Based on the correlation analysis done above, we have observed significance correlation between certain variables except between rural mobile internet user and urban mobile internet user. This analysis shows that face-book user and social network users showing more importance to Internet. Another result shows that female and youth contribution is not satisfactory in internet user especially in rural areas. We can say that internet facility can improve their wealth, health and job opportunity especially in rural areas. Anyway there is some lacking in internet development in Rural India. There are various reasons behind not using the internet services by people in rural areas. The reasons are less income, lack of knowledge of Internet, lack of infrastructure, lack of electricity supply and beliefs (personal opinions). Majority of female in rural areas cannot access internet because they are not working, they are less educated and they do not have an internet connection at home.

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Conclusion

The calculated correlation value shows us high correlation between Mobile Phone Internet Subscribers and Face-book & Social Network subscribers in rural areas. It also shows the same positive vale between Social Network subscribers and Face-book that means there is correlation between them. India is a very fast growing market for the latest technology offerings. It has a huge potential for internet growth especially in rural areas. Contribution of rural population and female in rural as well as urban are very less. Demand of such people has also played vital role in the growth of Indian economy. As we have analyzed the up-word trend in the growth of internet access rate, creating social networking application in Hindi and regional languages will enable greater growth of internet use in rural India. Getting the Web-series for youth and women, online coaching classes, special application for students and teen-ager in their mother tongue is necessary; Internet could be a driver for immense business growth in rural India as well as urban India. Online coaching classes, online banking, mobile payment apps, games of children, special apps for students and professionals also play a dominant role in the growth and frequency of internet in rural India as well as urban India. Indian government as well as IT researchers should recognize this as potential and they should take effort to build applications and good infrastructure to rural as well as urban Indian population.

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