Role of Facebook Advertising in Promoting Tourism in Asia

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Abstract--- Let us inspect Asian growth on Facebook. We tend to bring you latest growth of states within the last six months. Asia has over 166 million folks victimization Facebook these days thus let's take a better look on the expansion of the highest ten countries within the last six month. With the rise of eleven.3 million users is Republic of India the quantity one growing country on Facebook in Asia. At the start of year 2011, Republic of India had Facebook population of seventeen.3 million users and through the six-month amount the quantity of users will increase to twenty-eight.6 million. The large increase corresponds to sixty-five percentage change. India is follow by land that has six million new users. The third place belongs to Philippines with the rise of million users. The fourth place belongs to Asian country. Top list of most growing countries in Asia is closed by Japan. Japan really doubled the quantity of Facebook users throughout the last six months. At the start of year, 2011 Japan had just one.8 million Facebook users wherever currently range of users has passed three.7 million! This corresponds to modification that is that the highest growth within the Asian countries overall.

Keywords--- Facebook Stable Future Growth, Facebook Tourism in Asia, Advertising and Marketing Touristy in Asia.

I. Introduction

We have were given a tendency to were accustomed the photograph of north Asia being the most vital continent on Facebook. However, when you consider that 2011, the function started to weaken. In step with our data, us increase started to stagnate in q1 2011. From might also 2011 until august 2012, the range of Facebook customers some of the us inflated by means of alone zero. Worldwide, Facebook continuing to develop hastily causing more than one changes to its world face. Now not that returned we have a bent to in accordance that Asia became the second largest conditional Facebook. It completely became once Asia surpassed north the United States and displaced it to Facebook's range three for the first time. Seeing that June 2012, Asia inflated by using, however apparently certainly sufficient to outgrow relaxation-main Europe. Presently, Asia has over 245 million Facebook users.

Facebook Mobile guarantee of stable future growth

That Facebook has associate degree Asian drawback ought to be currently be obvious. Within the aftermath of revelations concerning country analysis cluster Cambridge Analytical, Facebook's founder is enduring a firestorm of criticism on either side of the Atlantic concerning unauthorized access to users'

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personal knowledge. It is clearly had a very dangerous week. Yet these Yankee and European attacks must not disguise the very fact that Facebook currently faces a severe political backlash across Asia too. Earlier this month it had been in short prohibited in state, once the South Asian island nation suspect it of supplying violence between the bulk Sinhalese Buddhist population and minority Muslims and Christians. In addition, the social network mostly has itself answerable.

I am afraid that Facebook has currently changed into a beast, and not what it originally supposed, Lee said. These flare-ups follow many alternative instances wherever Facebook has run into official opprobrium. Last year, authorities in Thailand, that has strict lese-majesty laws, vulnerable court action until the corporate removed videos apparently showing walking through a mall, wearing a sleeveless shirt. Then, fortnight past, United Nations human rights investigator suspect it of spreading hate speech in Myanmar against the whom fled from the jap province of last year, in what an consultants say could also be a case of kill.

Earlier there have been issues in Asian nation, once public protests in 2016 forced the corporate to abandon plans to launch a free basics web service. More recently, the social network has been fix in rising issues concerning fake news, as governments in countries like Asia prepared doubtless sweeping new laws purportedly to counter on-line information. A stripped down type of on-line access that offered access to choose on-line services for complimentary, however that was sharply criticized by native supporters of net neutrality the concept that web suppliers must not be allowed to charge completely different costs for various sorts of on-line content.



Fig.1: Facebook

In Malaysia, Facebook, beside alternative international school giants, as well as Google and Twitter, met officers last week to debate similar rule changes. For all this could be worrying for two reasons. First, Asia is currently Facebook's largest market, with 828 million users compared with 609 million across Europe and North America. True, the typical Asian's standing updates square measure value simply a tenth of the revenue it earns from the typical Yankee. however a lot of Facebook's future growth hopes, still as its extravagant share worth, rest on upping earnings across the region, and particularly thus in doubtless large markets like

ISSN: 1475-7192

Asian nation and Republic of Indonesia. Indeed, it is value pausing to contemplate the sheer scale of

Facebook's growth, so it is dramatic impact on Asia's communication patterns. 288 million Asians started

victimization it inside the last 2 years alone, quite its new users inside the rest of the world combined. In

total, Asia's 828 million monthly active users, a customary live of the network's growth, account for ordinal

of Facebook's international total of 2.1 billion. Facebook is not dominant everywhere: In Asia, where native

rivals like we tend to Chat dominate, the service remains prohibited. However, across plenty of the rest of

Asia, Facebook is presently arguably a further necessary platform even than it is inside the West, notably for

teenagers.

In Myanmar, as associate example, its user base has rocketed to eighteen million, up from barely a million

five year past. Social media is Facebook, and Facebook is social media, because the Lee same of Union of

Burma.

The Role of tourism advertising

For this initiative to perform properly they need to verify that collaborating consumer relation by way of

digital implies with the intention to paintings effectively and supply the foremost powerful result. Advertising

and marketing inside this era is believed to want a special dimension to hit its target. As soon as sample era

or on line commercialism typically it does not appear to be real to customers and net customers, and that, they

get to like television commercialism that may be powerful to the surrounding environment. Kind of the social

community operative nicely is face book commercialism, they have got treated their troubles successfully

once it gets to advertising measurements. This act as a retardant or trouble in powerful commercialism and it

is going to robotically reason poor responsiveness at the organization. With the quick developing technology

inside this word-experienced marketer's rectangular measure wide hoping on generation to push and put it up

for sale their merchandise and services.

For instance, the press-via fee for face e-book. Commercialism that has done o.k. over throwing placard

promotional cloth that has born through the years.

Supported that there may be a look at that exposed the part of consumer outline of social network

advertising; this networks develop quickly over a short time of quantity. Thanks to problems and problems,

capital ventures manufacture wrong and brief statistics that lend to a retardant for the advertisers free song

and cannot even verify the focused visitors. During this case examine, little is found on the behavior of on

line commercialism to the net users.

The globe of study square measure about to be Facebook may also be a one among the popularly, most

used and illustrious social community used by every young and updated. It is sometimes used for business

matters or personal subjects. The new evaluation is assigned to perform the analysis on internet users

approach to social networks commercialism. This could be a service it really is fundamental utilize by begin-

up.

DOI: 10.37200/IJPR/V24I1/PR200228

Received: 19 Nov 2019 | Revised: 23 Dec 2019 | Accepted: 07 Jan 2020

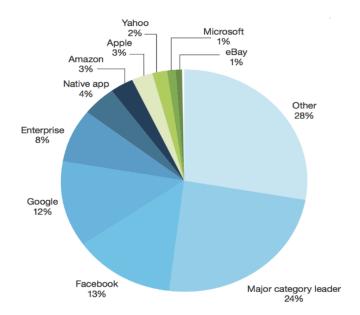


Fig.2: Analysis of tourism advertising

Business enterprise to involve the social community. However, this analysis entailed aims and goals, a motive and together kind of the encountered problems. Facebook commercialism is an awful lot extraordinarily definitely exclusive from distinctive customary commercialism. This shows that Facebook commercialism is still at its early age and it is a starting dimension of selling that is developing right away. there square measure a unit a few demanding situations and issues with this observe this embrace Growing an exhaustive test and analyses degree of Facebook commercialism ways that custom-built by using extraordinarily definitely unique groups. The purpose of this look at changed into to analyses Facebook commercialism on the way to approach it, measurements on the thanks to appraise their performance and together Facebook commercialism approaches that.

The primary purpose of this examine is to hunt out what impacts users on quantity of it sluggish they pay on Facebook. The managed result collectively confirmed utilization changed into on post on timeline, fun, making a try to search out friends and thru free time. This became finished at a scan cause of the type of utilization, entire and therefore the technique wealthy, they are involved in promotional fabric. It together confirmed that gender and position contribute to the time spent on Facebook. Objectives of this look at square measure to have a look at Facebook commercialism activities. To decide the depth of Facebook commercialism approaches that. To study the Effect of commercialism sports to charge the helpfulness of Facebook commercialism measurements in phrases of importance of social community web sites to seek out however entrepreneurs rectangular degree adapting to the promotional material self-propelled world. Because for the study Facebook changed into initial discovered in 2004 by way of, it were constrained to college college students requiring users to use their electronic mail ids connected with their schools.

Facebook movement enlarged new has affiliation and Currently Facebook receives 200000 memberships each day and fifty four billion conventional web page test. Social networking websites they are now not

ISSN: 1475-7192

progressive however, Facebook commercialism has tried to boost and keep its customers. Facebook could also be a web net website online equipped with differing styles of package bundle that rectangular degree wished internal international huge web to allow user to carry out activities with the intention to be performed on terribly completely distinctive laptop making it an incredible social networking. Aside from the commercialism, carry out; Facebook commercialism is in addition used for public conversation personaland private personal communique like effort own family photos.

Read of the have a look at communique occurs where there may be a sender and a receiver of a message being transmitted. Software is one in each of the approaches that in which it is accustomed talk; it change has advanced the mode of conversation making it ideal for social provider verbal exchange to be Generic. This has allowed users to acquire vast recognition. accessibility of totally unique definitely totally exceptional absolutely extraordinary of varied package deal package deal that structure Facebook it is gettable to use Facebook commercialism in place of sample special specific websites to push and market it you product.

This rectangular degree such things as uploading an image or a video in order clients can experiment all the alternatives of the products. it is collectively been observed that the bulk of the users do not listen the promotional fabric in there profile and this could purpose firms developing a conversation direction with their buyers and this could be a great deal better than social commercialism. Social networks. Social networking has affected parents in any other case. The networks link join singly on-line all around the word. It development has region on the day-by-day lives sports of people. Out of interest, people have huge conventional social networking which they act tons of on social Networking. They ship links to their pals and together write heaps of on their profiles. a few web sites have restrictions on office is to affix in terms age, gender or non-secular et al. cluster there contributors into terribly definitely unique classes like mutual racial or gender but there square measure another organizations that do not convey any restrictions and all people are going to be half of.

In line with Facebook, the social community is being used by it is customers to share journey and vacation thoughts, Photos and records. Every year, a boom in the quantity of tour-connected content material can also be detected on Facebook and together one-of-a-kind social networks. Why? It is very pretty simple, as many Facebook customers use the community partly to induce a ways-flung from their everyday lives and together the reality. Consequently, tour photos and posts regarding familiar landmarks in overseas countries are pretty commonplace inside the social networks and masses of patron's square measure loads of and a lot of posting their tour memories on the network, that is frequently this will be normally this can be then frequently a trigger for different customers to comment, percentage it themselves and begin thinking about a holiday they may do themselves, considering however they will have similar studies with their partner and families. Facebook allows many clients to result in galvanized and accumulate sucked right into a dream stage concerning excursion visits.

Electricity photos of snap shots there is a truthful Clarification on why Facebook as a social community and journey content material rectangular degree an excellent healthy: pics. The network relies upon on a live

DOI: 10.37200/IJPR/V24I1/PR200228

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ISSN: 1475-7192

feed of content material and updates that rectangular measure often picture pushed, as that square degree

extra impactful. Photographs would possibly produce users' lifestyles appearance a lot more exciting and

interesting than it must very is definitely. As soon as tour photographs rectangular degree being announce, a

user will opt for the most effective ones that illustrate the vacation inside the simplest technique that is to

form pals, households, and unique users jealous. All of those factors rectangular measure the foremost

purpose why Facebook is pretty within your budget almost about travel and is similarly use along of the

foremost reasons.

Why Facebook itself is stressing the precise truth that tourist locations and businesses must be pressured

to loco mote the social community, get the word out and is presenting fashion of however for tourist

corporations to Adopt so.

The truth of the tourist enterprises usage of Facebook is that many square measure nonetheless now not

taking complete advantage of the social community regarding selling its products and services inside

Facebook, this is regularly this may be frequently extraordinarily right down to the precise simple reality that

for many clients, Facebook might be a thought tool that receives them dreaming but Facebook is every now

and then not the location in which customers then go onto consecutive degree in phrases of Planning and

specifically booking a holiday. However, Facebook provides tourist organizations and locations with the

possibility to offer booking in the positioning a few corporations like delta or direct ferries rectangular degree

already taking gain of sample Facebook together another likelihood for his or her enthusiasts and customers

normally to eBook.

Most people of tourist corporations is but not there nonetheless. It is collectively being created more

diffused thanks to the truth that all brooding angina gamers in tourist have not although created that step.

Facebook cannot assure whether or not or no longer or now not its users would really like to eBook inside the

social network rather than to skilled booking sites, making it alternatively difficult for several tourist

corporations and locations to justify that step.

The role of advertising and marketing touristy in Asia

Facebook in tourism

A few research aim the position of social media in commercial enterprise. Supported analysis supplied via

way of declared, functionality customers take delivery of unique tourists critiques at a few purpose of they

produce a need.

As a result, social media play a lively role in commercial organization. Regular with indicated, traveler's

proportion and remark tour research via social media, which could cut got here again danger, any as growth

want and conviction of nearly like analysis neighborhood forth thru claimed, social media Facebook have

accomplice degree 1st price impact on however vacationers nowadays flip out, prepare and consume company

experiences. It clean that social media became loads of and a whole lot of essential in commercial employer.

DOI: 10.37200/IJPR/V24I1/PR200228

Received: 19 Nov 2019 | Revised: 23 Dec 2019 | Accepted: 07 Jan 2020

ISSN: 1475-7192

Tourism advertising in social media

Inside the beyond, historic media like advertisements, brochures and films play a massive role in business

enterprise selling. However, at the winning Victimization social media may also be an improvement within

the planet. Have a look at with historical media it really is one-manner human motion, social media has

democratic and assets alternatives. To boot, as a studies through indicated, social organization media lets in

the transmission of facts to big agencies. However, given the huge size of the aim marketplace, this leads

unavoidably to a language disadvantage. What is extra, business promotional campaigns within the

conventional media concept of huge daily Recurring, which suggests innovation on commercial corporation

selling has finish up crucial.

As a result, each companies from public to non-public or governments purpose to speculate on social

media to market enterprise. Look at with promotion in historic media, social media ought to boot deliver a

couple of apparent advantages. Supported preceding analysis from declared that square measure center

elements of social media square measure low expenses, stronger shape of connections and construct

credibility. What is bigger; at some point of, differing kinds of social media have more than one

commonplace alternatives, like explosive transmission velocity and instant broadcast. It seems that rely upon

those alternatives of social media, business companies and governments may additionally might besides

might also may also additionally amendment their company promotional marketing campaign from ancient media to social media. At present, the commonplace improvement of organization groups is victimization

blogs, Microblogs,

Facebook and YouTube as their promotional tools

In terms of blogs and microblogs. In step with incontestable, blogging as a result of the fashion of

promoting is on occasion notion of as a way less highly-priced promoting interest than historic advertising".

Evidently, business enterprise blogs rectangular measure a most recent channel to introduce places,

commercial organization product and services to customers. Valuate with business brochures, business

enterprise blogs appeal to additional attention from functionality shoppers. Because of business enterprise

organizations supply attention-grabbing content fabric, and customer can percentage their tour evaluations

and submit feedback on the blogs, each employer agencies and governments use this new manner to promote

product and location. As a result, of this, as a piece of writing with the aid of method that of indicated,

touristy entrepreneurs ought to perceive diary as a gift day technological development with implications for

selling and promotion.

In period of twitter, that taken into notion microblog is one shape of blogging. Furthermore, they are

anywhere that tweets, that has a hundred and forty words, allow customers put up the records integrate with

video, publicity and one-of-a-kind media contents. What is larger, pay further interest at the carry out of

twitter in merchandising; it will possible be situated that twitter gives the possibilities for business teams to

act with today's or ability buyers. In contemporary time, consistent with researchers furnished by means of

Nguyen and Wang supported multiple countries, like Scandinavian us, use twitter.

DOI: 10.37200/IJPR/V24I1/PR200228

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ISSN: 1475-7192

Facebook as countrywide commercial enterprise promotional equipment. In some previous researchers

located that Facebook as a commercial enterprise promotional tool. Sliver named hoping on the primary

pastimes of Facebook is socialization; Facebook can use as promotional due to straight off upshot on

consumers. All through this newsletter, victimization the example to analysis Facebook pages and

corporations whether or now not or now not or not can facilitate any person Companies to market their

product and services.

There may be very little question the fact that social media is ever converting the approach of commercial

enterprise corporation advertising, vicinity discerned that the use of brochures to push corporation product is

speedy returning to companion cease, because of the static visual of a product, constant in time, do not seem

to be to any volume any sufficient to excite functionality vacationers. As an upshot, YouTube affords a true

feel of where vacationers want to go. Via viewing movement pix proportion or switch with the help of one-

of-a-kind travelers, potential customers can accumulate the critical information of seen snap shots. Moreover,

YouTube allow companies to uploaded movement pics into their skilled account. As a result, YouTube, it

truly is a modern-day commercial company promotional tool, attracted in addition attention from industrial

enterprise corporations and governments. it smooth that with rapid improvement of era, social media websites

Like blogs Facebook connected YouTube play accomplice diploma associate degree growing variety of

critical perform in commercial enterprise selling.

The role of Facebook tourism in Asia

Some studies concentrate on the position of social media in touristy. Supported evaluation supplied by

way of resides declared, potential consumers depend upon one-of-a-kind visitors reports at some stage in they

invent a choice. As a result, social media play a full of life function in touristy. Consistent with Purifoy

indicated, guests proportion and remark journey studies through social media, which may reduce again

chance, likewise as boom need and confidence of visitors. Moreover, almost like analysis region fourth-

throughzouganeli claimed, social media have a superb effect on but travelers these days produce arrange and

devour touristy reports. It clear that social media have become increasingly more critical in touristy.

Touristy merchandising in social media

Inside the beyond, ancient media like classified ads, brochures and films play a large position in touristy

advertising. However, in recent time's mistreatment social media could be an improvement within the

international. Examine with historic media, this is unidirectional channel, social media has democratic and

belongings features. Additionally, as a seek by indicated, way of life media allows the transmission of

information to large teams. However, given the big length of the target market, this leads unavoidably to a

communique problem. Furthermore, touristy promotional campaigns within the historical Media concept to be

large every day ordinary, which shows innovation on touristy advertising has come to be vital. As a result,

either businesses from public to non-public, or governments intention to invest on social media to push

touristy.

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Received: 19 Nov 2019 | Revised: 23 Dec 2019 | Accepted: 07 Jan 2020

ISSN: 1475-7192

Compare with promoting in ancient media, social media could likely bring a few obvious advantages. Supported previous evaluation from das declared that square measure middle components of Social media square degree low fees, enlarged range of connections and build credibleness. Moreover, entire the differing sorts of social media have a few commonplace alternatives, like explosive transmission pace and immediate broadcast. It appears that rely upon those alternatives of social media, touristy organizations and governments would probably change their touristy promotional marketing campaign from ancient media to social media, at gift, the common improvement of touristy. Companies is mistreatment blogs, microblogs, Facebook and YouTube as their promotional equipment.

In phrases of blogs and microblogs. In keeping with incontestable blogging because the manner of merchandising is typically notion-about as a much less expensive selling interest than historical advertising. It appears that touristy blogs square degree a substitute channel to introduce places, touristy product and services to customers. Evaluate with touristy brochures, Touristy blogs appeal to additional interest from capability clients. Thanks to touristy businesses give fascinating content, and purchaser will percentage their tour stories and submit comments at the blogs, every touristy companies and governments use this new thanks to sell product and vicinity. Because of this, as a commentary by using indicated, tourism entrepreneurs must be pressured to perceive internet log as a replacement technological development with implications.

For selling and merchandising. In term of twitter, that notion to be microblog is one form of running a blog. Furthermore, they may be whole that tweets that has one hundred forty words, enable customers submit the information mix with video, photo and extraordinary media contents. Moreover, zouganeli, pay extra interest on the function of twitter in merchandising, it are regularly observed that twitter presents the possibilities for touristy businesses to act with current or capability clients. In current time, in step with researchers provided by using numen and Wang supported a few countries, like average, use twitter and Facebook as national touristy promotional equipment. In some previous researchers found that Facebook as a touristy promotional tool. Sliver mentioned relying on the primary pursuits of Facebook is socialization; Facebook will use as promotional way to directly result on clients.

Mistreatment the example to evaluation Facebook pages and teams whether or not will facilitate holidaymaker corporations to push their product and offerings. There is no doubt the very reality that social media is ever converting the approach of touristy promotion. region and fodder identified that the use of brochures to promote touristy product is rapid returning to companion in nursing end, because the static visual photo of a product, mounted in time, are not to any extent further sufficient to Excite ability tourists.

As a result, YouTube provides a true sense of wherever travelers need to go. The viewing videos percentage or transfer with the aid of distinctive tourists, capacity customers will collect the \$64000 sense of visual pics. Additionally, YouTube allow businesses to uploaded motion pictures into their reputable account. As a result, YouTube, that is a new touristy promotional tool, attracted additional attention from touristy companies and governments. It clean that with Speedy improvement of technologies, social media websites

DOI: 10.37200/IJPR/V24I1/PR200228

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like blogs and Facebook associate in nursing YouTube play an increasingly crucial role in touristy merchandising.

II. CONCLUSION

One of the fundamental maximum properly favored sports activities on Facebook is sharing journey reports. By using sharing journey, reviews on Facebook client's rectangular measure ennobling visitation via depend, photographic and video word-of mouth recommendations. Vacation spot entrepreneurs have an opportunity to vicinity themselves as an excursion aid for customers looking for tour principles and thought of Facebook. Manufacturing popularity, engagement and using functionality guests large at periods the journey developing with approach square measure all edges of keeping an energetic Facebook web page.

To boom a Facebook web pages achieve and impressions, locations were given to create use of the Facebook commercials touristy playground advertising and marketing victimization Facebook as a promotional device. Worldwide extensive web ninety web page platform. Contests, sweepstakes and giveaway-prevailed Facebook attract clients and incentivize present day Lovers. To trace the success of Facebook marketing, marketers were given to keep a number of degrees of metrics such as Facebook web page insights, Facebook classified ads, and therefore the effect Facebook referrals positioned on a vacation spot's internet website.

REFERENCES

- [1] Bethapudi, A. (2012). The role of Information Communication Technology in tourism industry. *Business*, 1(4), 68-80.
- [2] The Rise Of Facebook In Vietnam Media (December 2019) accessed 2 December 2019
- [3] K. S. A., &Felicen, S. S. (2013). Effects of social media in the tourism in Asia Pacific Multidisciplinary Research Vol, 2(3).
- [4] Rossides, N. (2013). Social media use and impact during the holiday travel planning process (pp. 13-24). Springer-Verlag.
- [5] Buhalis, D. (2012). Social media as a destination-marketing tool: tourism organisations. *Current issues in Tourism*, 16(3), 215-243.
- [6] Sutduean, J., Singsa, A., Sriyakul, T., & Jermsittiparsert, K. 2019. "Supply Chain Integration, Enterprise Resource Planning, and Organizational Performance: The Enterprise Resource Planning Implementation Approach." *Journal of Computational and Theoretical Nanoscience* 16 (7): 2975-2981.
- [7] Singsa, A., Sriyakul, T., Sutduean, J., & Jermsittiparsert, K. 2019. "Willingness of Supply Chain Employees to Support Disability Management at Workplace: A Case of Indonesian Supply Chain Companies." *Journal of Computational and Theoretical Nanoscience* 16 (7): 2982-2989.
- [8] Jiao, Y., Jermsittiparsert, K., Krasnopevtsev, A., Yousif, Q., &Salmani, M. 2019. "Interaction of Thermal Cycling and Electric Current on Reliability of Solder Joints in Different Solder Balls." *Materials Research Express* 6 (10): 106302.
- [9] Yu, D., Ebadi, A., Jermsittiparsert, K., Jabarullah, N., Vasiljeva, M., &Nojavan, S. 2019. "Risk-constrained Stochastic Optimization of a Concentrating Solar Power Plant." *IEEE Transactions on Sustainable Energy* (*In press*), DOI: 10.1109/TSTE.2019.2927735.
- [10] Jermsittiparsert, K., Sriyakul, T., Sutduean, J., &Singsa, A. 2019. "Determinants of Supply Chain Employees Safety Behaviours." *Journal of Computational and Theoretical Nanoscience* 16 (7): 2959-2966.
- [11] Sriyakul, T., Singsa, A., Sutduean, J., & Jermsittiparsert, K. 2019. "Effect of Cultural Traits, Leadership Styles and Commitment to Change on Supply Chain Operational Excellence." *Journal of Computational and Theoretical Nanoscience* 16 (7): 2967-2974.

- [12] Jermsittiparsert, K. & Chankoson, T. 2019. "Behavior of Tourism Industry under the Situation of Environmental Threats and Carbon Emission: Time Series Analysis from Thailand." *International Journal of Energy Economics and Policy* 9 (6): 366-372.
- [13] Romprasert, S. & Jermsittiparsert, K. 2019. "Energy Risk Management and Cost of Economic Production Biodiesel Project." *International Journal of Energy Economics and Policy* 9 (6): 349-357.
- [14] Cao, Y., Huang, L., Li. Y., Jermsittiparsert, K., Ahmadi-Nezamabad, H., &Nojavan, S. 2020. "Optimal Scheduling of Electric Vehicles Aggregator under Market Price Uncertainty Using Robust Optimization Technique." *International Journal of Electrical Power & Energy Systems* 117: 105628.
- [15] Kasayanond, A., Umam, R., & Jermsittiparsert, K. 2019. "Environmental Sustainability and its Growth in Malaysia by Elaborating the Green Economy and Environmental Efficiency." *International Journal of Energy Economics and Policy* 9 (5): 465-473.
- [16] Jermsittiparsert, K, Sriyakul, T., &Rodoonsong, S. 2013. "Power (lessness) of the State in the Globalization Era: Empirical Proposals on Determination of Domestic Paddy Price in Thailand." *Asian Social Science* 9 (17): 218-225.
- [17] Jermsittiparsert, K, Sriyakul, T., &Pamornmast, C. 2014. "Minimum Wage and Country's Economic Competitiveness: An Empirical Discourse Analysis." *The Social Sciences* 9 (4): 244-250.
- [18] Jermsittiparsert, K., Pamornmast, C., &Sriyakul, T. 2014. "An Empirical Discourse Analysis on Correlations between Exchange Rate and Industrial Product Export." *International Business Management* 8 (5): 295-300.
- [19] Jermsittiparsert, K., Sriyakul, T., Pamornmast, C., Rodboonsong, S., Boonprong, W., Sangperm, N., Pakvichai, V., Vipaporn, T., &Maneechote, K. 2016. "A Comparative Study of the Administration of Primary Education between the Provincial Administration Organisation and the Office of the Basic Education Commission in Thailand." *The Social Sciences* 11 (21): 5104-5110.
- [20] Jermsittiparsert, K., Trimek, J., &Vivatthanaporn, A. 2015. "Fear of Crime among People in Muang-Ake, Lak-Hok, Muang, Pathumthani." *The Social Sciences* 10 (1): 24-30.
- [21] Jermsittiparsert, K. &Akahat, N. 2016. "Fear of Crime among Students of Kalasin Rajabhat University." Research Journal of Applied Sciences 11 (2): 54-61.
- [22] Yu, D., Wang, Y., Liu, H., Jermsittiparsert, K., &Razmjooy, N. 2019. "System Identification of PEM Fuel Cells Using an Improved Elman Neural Network and a New Hybrid Optimization Algorithm." *Energy Reports* 5: 1365-1374.
- [23] Tian, M., Ebadi, A., Jermsittiparsert, K., Kadyrov, M., Ponomarev, A., Javanshir, N., &Nojavan, S. 2019. "Risk-Based Stochastic Scheduling of Energy Hub System in the Presence of Heating Network and Thermal Energy Management." *Applied Thermal Engineering* 159: 113825.
- Yu, D., Wnag, J., Li, D., Jermsittiparsert, K., &Nojavan, S. 2019. "Risk-Averse Stochastic Operation of a Power System Integrated with Hydrogen Storage System and Wind Generation in the Presence of Demand Response Program." *International Journal of Hydrogen Energy (In press)*.
- [25] Jabarullah, N., Jermsittiparsert, K., Melnikov, P., Maseleno, A., Hosseinian, A., &Vessally, E. 2019. "Methods for the Direct Synthesis of Thioesters from Aldehydes: A Focus Review." *Journal of Sulfur Chemistry (In press)*, DOI: 10.1080/17415993.2019.1658764.
- [26] William J. Stanton. Fundamentals of Marketing. McGraw-Hill (1984).
- [27] Courtland L. Bovee, William F. Arens. Contemporary Advertising, Fourth Edition. *Richard D. Irwin, Inc.*, 1992
- [28] Donley T. Studlar (2002) Comparative Politics in the United States and Canada Archived May 9, 2016.