

Pakistan Journal of Humanities and Social Sciences

Volume 11, Number 04, 2023, Pages 3994-4002 Journal Homepage: PAKISTAN JOURNAL OF HUMANITIES AND SOCIAL SCIENCES (PJHSS)

https://journals.internationalrasd.org/index.php/pjhss

Linkage of Regulatory Environmental, legal and Social Environmental Resources towards Entrepreneurial Attitude

Mehwish Zulfiqar 101, Shabana Naveed², Ghazia Khoula³, Saif Ur Rahman⁴

¹ Ph.D. Scholar, Business School, Faculty of Management Studies, University of Central Punjab, Pakistan.

Email: mehwish.zulfiqar01@gmail.com

² Associate Professor, Business School, Faculty of Management Studies, University of Central Punjab, Pakistan. Email: shabananaveed@ucp.edu.pk

³ Department of Economic and Commerce, Superior University, Pakistan. Email: ghazia.khoula@superior.edu.pk

⁴ Associate Professor, Department of Economic and Commerce, Superior University, Pakistan.

Email: saif.rao@superior.edu.pk

ARTICLE INFO

ABSTRACT

Article History:Received:October 13, 2023Revised:November 27, 2023	This study aims to examine the relationship between entrepreneurial mentality and social and regulatory environmental resources. Data was obtained using self-report			
Accepted: November 28, 2023 Available Online: November 29, 2023	analysis. Using a sample of 276 graduating and post-graduating students, the partial least squares method is used to examine the			
<i>Keywords:</i> Social Capital Monetary Assets Resources Perceived Social Environment A Spirit of Entrepreneurship	hypotheses. The findings indicate that the perceived worth of social-economic resources and entrepreneurial mindsets have a favorable indirect link. The study enhances its portion as an element that should be taken into contemplation to extend teaching programs for entrepreneurship and will support the developing research of entrepreneurship teaching in the			
Funding: This research received no specific grant from any funding agency in the public, commercial, or not-for-profit sectors.	entrepreneurship pitch. It is important for business and economic development that entrepreneurship education should be offered to the students. Although previous studies discover entrepreneurship learning others claim unfavorable outcomes and advise taking social and economic factors into account in order to have a major impact on entrepreneurial inclination.			
	© 2023 The Authors, Published by iRASD. This is an Open Access article distributed under the terms of the Creative Commons Attribution Non-Commercial License			

Corresponding Author's Email: mehwish.zulfiqar01@gmail.com

1. Introduction

As enterprise begins to be a critical originator of financial seriousness and transformation size Galindo and Méndez (2014); Zahra, Nasir, Rahman, and Idress (2023), many set up reserve funds have put earnestly in business training at the establishment of advanced education (Brush, De Bruin, & Welter, 2009). Pakistan, whose economy is growing at the fastest rate, has definitely integrated the importance of business education and met the needs of the nation (Zhao et al., 2023). Then, in order to facilitate economic growth and advancement, the Pakistani's government has organized national critical steps with the aim of determining a manageable level of financial improvement (Ilyas, Banaras, Javaid, & Rahman, 2023). In order to provide them with business training, Pakistan's educational institutions, especially colleges, have developed a number of creative frameworks (such as initiatives that go beyond the parameters of a typical educational program) (Qadri et al.). These are the educational goals of young people to develop their business and, more importantly, their attitude and anticipation to choose business opportunities (Awan, Rahman, Ali, & Zafar, 2023).

To be more precise, previous studies have shown that business education has enhanced training capabilities and business centers. Advances corporate goals, objectives, or practices (Bae, Qian, Miao, & Fiet, 2014; Fatima, Jamshed, Tariq, & Rahman, 2023). Encourages the aims, actions, or behaviors of business. Some find evidence that refutes the detrimental impact of business training. Kraus (2015); Shahzadi, Ali, Ghafoor, and Rahman (2023). This crippling effect is likely to occur as students grow increasingly accurate in identifying the skills and

resources, they need to advance their business education. These combined effects suggest that the overall impact of business teaching may be influenced by natural circumstances.

1.1. Underpinning Theory

According to Dawood, ur Rehman, Majeed, and Idress (2023); Parker, Manstead, and Stradling (1995) notion of planned behaviors, a personage's intention to accomplish a particular behavior should stem from their attitude towards behavior. One's intention towards a behavior is higher when that behavior is more satisfying to them. Originally known as the Theory of Rational Deed, the Theory of Planned Behaviors (TPB) was developed in 1980 to predict a personage's intention to engage in behavior at a specific time and location, (Khan & Saif-ur-Rehman; Shahid, Gurmani, Rehman, & Saif, 2023; Usman, Rahman, Shafique, Sadiq, & Idrees, 2023). The notion was intended to shed light on all behaviors that individuals can exercise selfcontrol over. Subsequent research has demonstrated erratic outcomes when assessing the direct correlation between entrepreneurial orientation and intentions. Research must be refined in order to include entrepreneurial enthusiasm in the study in order to grow. This study should investigate in order to help other studies get the greatest rewards in this regard. In an attempt to close this gap, this work is centered on this (Awan et al., 2023).

1.2. Research Questions

- 1. How does the perceived value of resources possessed by the university affect an entrepreneurial mindset?
- 2. The observed value of the resources would have entrepreneurial mindset in what sort of regulatory environment.
- 3. How does the observed value of resources in the social environment affect an entrepreneurial mindset?

1.2. Significance of the Study

The study's findings will be helpful in the field of entrepreneurship and assist scholars, readers, legislators, and the government in understanding how student satisfaction affects the long term and various opportunities for the growth of entrepreneurship in Pakistan. Through this research, the Pakistani entrepreneurship sector's service quality and student satisfaction would be better understood. Additionally, the inquiry will provide the government with some recommendations for the development of their administration's accommodated enterprise Idrees, Awan, Arslan, Hussain, Razzaq, Haris, & Rahman, (2023). Clients by realizing the link between corporate objectives and the characteristics of commercial enterprise demeanor. Additionally, the proposed study will provide insight into how customer loyalty affects the profitability and long-term viability of company foundations in Pakistan. Additionally, the suggested study will benefit all partners in terms of strategy advancement for open on the loose and in the business world.

"A person who sets up a business or businesses, taking on financial risks in the hope of profit" is the definition of an entrepreneur (Fatima et al., 2023; Jiang & Klein, 2002). In contrast, entrepreneurship is the practice of establishing new enterprises or reviving established ones, usually in response to possibilities that are recognized (Onuoha, 2013; Shahzadi et al., 2023). Furthermore, "the process through which an individual searches for chances to carry out their business plans is known as entrepreneurship." The ability to transform ideas into a small business is a personal talent (Tabassum, Rahman, Zafar, & Ghaffar, 2023). The dynamic process of vision, transformation, and invention is entrepreneurship. Another way to put it is as "The extent to which the individual needs to create something on their own by starting and building a business of their own, by developing a new product or service, or by building a new business enterprise through financial manipulation." (Igbaria & Baroudi, 1993; Mukhtar et al.). "Entrepreneurship is an attitude; it represents how you think and act," is how the concept of an entrepreneural attitude is defined. Entrepreneurship is becoming more and more of a way of life for individuals; it's no longer only a term used in business (Nawaz, Rahman, Zafar, & Ghaffar, 2023; Wagner Mainardes, de Almeida, & de-Oliveira, 2019).

1.3. University Entrepreneurship Resources

Inspiration for entrepreneurship in college is largely based on chance awareness of entrepreneurship through education examines the different facets involved in establishing and managing a business (Oosterbeek, Van Praag, & Ijsselstein, 2010) Typical topics include learning and developing capabilities that boost the possibility of launching a business and the prosperity

of entrepreneurs Boyles (2012); identifying and igniting creative vigor Dou, Zhu, Zhang, and Wang (2019); and creating plans of action in addition to taking on new projects (Rasmussen, Moen, & Gulbrandsen, 2006). Several earlier studies conducted in a variety of settings and countries have found that students like taking on entrepreneurial roles. College addresses, sometimes referred to as college training addresses, concentrate on assisting students in learning the many procedures necessary to begin and continue a trade.

Oosterbeek et al. (2010) Gathering information and abilities that boost the chances of launching a firm and the success of entrepreneurs are among the fundamentals (Boyles, 2012); recognising and progressing a business conflict Gibb, Fergusson, and Horwood (2008); and presenting business proposals are other essentials. When novel projects emerge (Rasmussen et al., 2006). Enterprise addresses are important for understudies, according to various situations and past research conducted in various countries (Zulfiqar et al., 2022). In light of the aforementioned, school-mandated endeavor preparation methods, whether extracurricular or curricular, may be sorted through to develop students' leading self-reasonability and, in turn, influence students' concern and enjoyment of being business visionaries, or their creative attitude (Autio, Thorsteinsson, & Olafsson, 2012).

1.4. Monitoring Atmosphere Resources

Regarding education, concentrate and administrative resources: government-subsidized opportunities and corporate charitable arrangements, which can be integrated into the enterprise training trip plan. Our concentration in terms of university entrepreneurship education is on two ecological disciplinary resources that can be integrated into a business training itinerary: enterprise procedures and government finance chances. Establishing a conducive atmosphere and conditions for entrepreneurs is associated with conciliatory business strategies (Hart, 2003). These laws boost the current pace of start-ups and encourage individuals to engage in entrepreneurial endeavors. In order to establish school-based incubators, favorable policies (such as tax rebates and lower fees) for college entrepreneurs, and coaching services on new business regulations, several Pakistani universities collaborate closely with public politicians. People's involvement in entrepreneurial activities has also been proven to be correlated with public support opportunities or availability. These tactics quicken the current rate of new firm establishment and inspire individuals to engage in entrepreneurial activities. In order to establish hatcheries within schools, customized programs for school entrepreneurs (such lower expenses and taxes), and training for administrators on new business regulations, numerous Pakistani colleges work closely with transparent politicians. Moreover, it has been discovered that accessibility or open sponsorship opportunities are associated to people's interest in creative activities (Autio et al., 2012). Such financial assistance can take the form of appropriations (such as clinical protection sponsorships) or government-sponsored subsidizing programs (such as low-premium advances or value assets) in Pakistan. College-based business education programs frequently promote or disseminate these kinds of resources.

1.5. Social Environment Resources

During the studies at universities typically need to be directly involved in starting a firm. The biggest obstacle to engaging in entrepreneurial activities is said to be the lack of experience or certified skills (Eesley & Wang, 2017). Universities can transport seasoned individuals to venues that foster the exchange of creative knowledge and experience because of their links to commercial networks and graduated class systems (Gauthier et al., 2006). In Pakistan, many enterprise education programs aim to incorporate high-impact individuals to close the experience gap by sharing their knowledge and experience with understudies through the establishment of business visionary/chief clubs and caution sheets. A fundamental component of online comprehension exercises is certainty (Gibreel, AlOtaibi, & Altmann, 2018). Online trust suggests that there is a risk associated with the dealer's actions are identify transaction M. K. Lee and Turban (2001), given the expectation that the merchant will behave honorably and not exploit the client's risk. C.-H. Lee, Song, Jang, and Cha (2013) I am employed. According to Clayton et al. (2019), a major barrier that may reduce the choice of online businesses is the lack of trust. According to Clayton et al. (2019), confidence is a complex concept that consist of reliability, competency, and prosperity. Dedicated to fostering positive relationships and avoiding tense situations (Ou, Pavlou, & Davison, 2014). Consumers believe that electronic media is secure when it conceals personal information, and users of social networking sites have a beneficial intention of sharing information with others (Hau & Kim, 2011). Believing that

Pakistan Journal of Humanities and Social Sciences, 11(4), 2023

outsiders will act honorably, fulfil their commitments, and make the right choice is what it means to be trustworthy (Baek et al., 2012). Ability refers to the extent to which the site has the business and specialized structure necessary to carry out its tasks effectively. Fostering enduring partnerships for trade (Casaló, Cisneros, Flavián, & Guinalíu, 2008). Because of unusual nature of online commerce, conviction is especially relevant in this setting (Bai, Yao, & Dou, 2015). It helps consumers overcome their perception of risk as they deal with the challenge of making purchases and the oversight of an unfamiliar vendor (Wang, Tajvidi, Lin, & Hajli, 2020). Modifying data results in a decreased degree of client trust in developing markets. E-commerce is a major obstacle to overcoming this situation (Wagner Mainardes et al., 2019).

Research on the direct correlation between innovative objectives and creative approaches has produced conflicting findings. The estimated apparent social state and entrepreneurial objective intervened with inventive self-sufficiency and, with the aid of the indirect estimation, had a significant intervening effect on China (Chen & He, 2010). In 2009, Nasurdin, Ahmad, and Lin (2009) examined of pioneering intent, intervened with an ostensibly appealing quality, and found inconsequential prevailing impact in Malaysia. Chaudhary, Nasir, ur Rahman, and Sheikh (2023) calculated the influence of critical directing impact in Taiwan by estimating ground-breaking expectation innovative behavior that is guided by social capital. As a result, a confidential report regarding the mediating influence of the social environment on the relationship between entrepreneurial objective and pioneering disposition is available. This is the main focus of the investigation as it looks to close this gap.

2. Theoretical Framework



2.1. Hypothesis

H1: An entrepreneurial mindset and the observed valuations of the institution's resources are significantly correlated.

H2: The observed values of resources in the regulatory environment exhibit a significant link with an entrepreneurial mentality.

H3: An entrepreneurial attitude and the observed values of social environment resources are significantly correlated.

3. Methodology

3.1. Research Methodology

This paper's methodological section aims to investigate the effects on entrepreneurial attitude of the institution's resources' perceived worth, the regulatory environment's perceived value of its resources, and the social environment's perceived value of its resources. This criterion is only applied in cases where the population for entrepreneurial education is known. Since selecting a minimum sample size is essential for extrapolating findings, a minimum sample size of 250 was established using (Hayton, Soni, Chauhan, Sinha, & Gupta, 2016; Krejcie & Morgan, 1970). Surveys were composed of two components. The first section was the respondents' personal profile, which included their gender, age, and qualifications. The second section dealt with variables. Likert scales with five points are used to quantify and characterize each of the aforementioned variables in statements. The scales are;

- 1. Strongly disagree
- 2. Disagree
- 3. Neutral
- 4. Agree
- 5. Strongly Agree

I send the online Google form questionnaire to the university students.

Table 1: Data Coding			
Construct		Code	
Entrepreneurial Goals	IV	EI	
An entrepreneurial mindset	Mediator	EA	
Desire for Entrepreneurship	Moderator	EP	
Value of Resources Owned by Universities as Perceived	DV	UOR	
The Regulatory Environment Resources' Perceived Value	DV	SER	

Data Coding for the various Constructs is displayed in Table 4.3. The supposed values of university owned resources, resources in the regulatory environment, and resources in the social environment are all independent variables, as indicated by the letters Independent variable and coded by University Oriented Resources, RER, and SER in Table 4.3. EA stands for Entrepreneurial Attitude, which is a mediator. the same manner. Entrepreneurial zeal is coded as EP and displayed as Moderator. Ultimately, Entrepreneurial Intention is denoted by the code EI and displayed as a dependent variable.

3.2. Analyzing Relationships Directly

The bootstrapping results are displayed in Table 4.13, and the value of the coefficients of the trajectory were generated as depicted in Figure 4.1. The specific outcomes are as follows:

H1: Perceived values of resources controlled by the institution are significantly correlated with an entrepreneurial mindset. Based on the algorithm's output and bootstrapping PLS-SEM, the results indicated that, when it came to the estimated values of university-owned resources and a spirit of entrepreneurship, Hypothesis 1 was rejected ($\beta = 0.08058$, t = 1.3647, p > 0.05). Thus, there is no evidence to support Hypothesis 1.

	Original Sample	Sample Mean	St. Deviation	T Statistics	
	(0)	(M)	(STDEV)	(O/STDEV)	P Values
UOR -> SOE	0.0804	0.0792	0.0589	1.3637	0.1733
RER -> SOE	0.1486	0.1486	0.03	4.9515	0
EA -> SER	0.0714	0.078	0.0365	1.9537	0.0513
PFR -> IFE	0.3386	0.3157	0.1097	3.0855	0.0021
First Moderating Effect ->					
Intention to Be					
Entrepreneurial	0.0347	0.0286	0.0223	1.5581	0.1198
The relationship between entrepreneurial attitude and intention	0.2262	0.2027	0.0937	2.4132	0.0162
and intention	0.2262	0.2027	0.0937	2.4132	0.0162

Table 2: Results of Direct-Relationship

H2: An entrepreneurial mindset and the perceived values of resources in the regulatory environment are significantly correlated. The hypothesis of the relationship between the practice of perceived values of RER and EA was also validated (= 0.1496, t = 4.9525, p 0.05). Thus, Hypothesis 2 is validated.

Table 3: Results of indirect Relationship

	Original	Sample		St. Deviation	T Statistics	
	(0)		Sample Mean (M)	(STDEV)	(O/STDEV)	P Values
UOR -> EA -> EI	0.0183		0.0169	0.0152	1.2032	0.2296
RER -> EA -> EI	0.0336		0.0306	0.0167	2.0126	0.0447
SER -> EA -> EI	0.0161		0.0162	0.0105	1.5399	0.1242

H3: Perceived values of social environment resources and an entrepreneurial mindset are significantly correlated. A noteworthy and affirmative correlation was discovered between the application of the social environment's perceived values and an entrepreneurial mindset ($\beta = 0.0724$, t = 4.770, p < 0.05). As a result, Hypothesis 3 is validated.

4. Conclusion

This is a quantitative report that assembles information through a self-report survey. The hypotheses were inspected with an example of 276 undergrads and the PLS technique. The outcomes exhibit a great circuitous connection between pioneering fervor and plans and their impression of the worth of social monetary assets. The review adds to the extending group of exploration regarding the matter and stresses the meaning of pioneering energy as a component that ought to be considered to further develop business training educational programs. The study's goal is to articulate an unusual model for the objective of entrepreneurship among financial as well as social resources. We examined the several resources that Pakistan offers for those who want to pursue entrepreneurship. Based on an evaluation of the literature in the area of entrepreneurial intention, we have developed the extraordinary model as an intention for an entrepreneurial career. The primary statistic, according to the Model's assumption, is the entrepreneurial motivation that has been shown to increase students' ambition to pursue entrepreneurship at the word level. In the meantime, this concept is remarkable and perfectly suited to the viewpoint of Pakistan. This model can be used by entrepreneurship researchers to forecast how students' entrepreneurial intentions will be influenced by their entrepreneurial Finally, we draw the conclusion that there is a strong correlation between motivation. entrepreneurial intention and social and economic resources.

4.1. Limitations and Future Directions

Lastly, entrepreneurial activities are ultimate entrepreneurship's objective in terms of financial and social resources. Only people's business attitude and intention were examined in this study, and entrepreneurial enthusiasm acted as a moderating factor. Which outcomes have already been covered? The use of social and financial resources can improve an entrepreneurial mindset and goals. Future studies may look more closely at the social and economic behavioral outcomes of entrepreneurship, possibly with access to behavioral and longitudinal data.

Reference

- Autio, O., Thorsteinsson, G., & Olafsson, B. (2012). A comparative study of Finnish and Icelandic craft education curriculums and students' attitudes towards craft and technology in schools. *Procedia-Social and Behavioral Sciences*, 45, 114-124. doi:<u>https://doi.org/10.1016/j.sbspro.2012.06.548</u>
- Awan, A., Rahman, S. U., Ali, M., & Zafar, M. (2023). Institutional Performance and Tourism Arrival Nexus in BRICS Countries: Evidence from Nonlinear ARDL Cointegration Approach. *iRASD Journal of Economics*, 5(1), 127-139. doi:https://doi.org/10.52131/joe.2023.0501.0116
- Bae, T. J., Qian, S., Miao, C., & Fiet, J. O. (2014). The relationship between entrepreneurship education and entrepreneurial intentions: A meta-analytic review. *Entrepreneurship* theory and practice, 38(2), 217-254. doi:<u>https://doi.org/10.1111/etap.12095</u>
- Baek, I. H., Lee, H. W., Bae, S., Hong, B. H., Ahn, Y. H., Yeom, D.-I., & Rotermund, F. (2012). Efficient mode-locking of sub-70-fs Ti: sapphire laser by graphene saturable absorber. *Applied Physics Express*, 5(3), 032701. doi:<u>https://doi.org/10.1143/APEX.5.032701</u>
- Bai, Y., Yao, Z., & Dou, Y.-F. (2015). Effect of social commerce factors on user purchase behavior: An empirical investigation from renren. com. *International Journal of Information Management, 35*(5), 538-550. doi:https://doi.org/10.1016/j.ijinfomgt.2015.04.011
- Boyles, T. (2012). 21st century knowledge, skills, and abilities and entrepreneurial competencies: A model for undergraduate entrepreneurship education. *Journal of Entrepreneurship Education*, 15, 41.
- Brush, C. G., De Bruin, A., & Welter, F. (2009). A gender-aware framework for women's entrepreneurship. *International Journal of Gender and entrepreneurship*, 1(1), 8-24. doi:<u>https://doi.org/10.1108/17566260910942318</u>
- Casaló, L. V., Cisneros, J., Flavián, C., & Guinalíu, M. (2008). *Reputation in Open Source Software Virtual Communities.* Paper presented at the Proc. IADIS International Conference e-Commerce.

- Chaudhary, S., Nasir, N., ur Rahman, S., & Sheikh, S. M. (2023). Impact of Work Load and Stress in Call Center Employees: Evidence from Call Center Employees. *Pakistan Journal of Humanities and Social Sciences, 11*(1), 160-171. doi:https://doi.org/10.52131/pjhss.2023.1101.0338
- Chen, Y., & He, Y.-q. (2010). *The impact of perceived social environment on students' entrepreneurial intention: A Chinese perspective.* Paper presented at the 2010 International Conference on E-Product E-Service and E-Entertainment.
- Clayton, J., Hojoo, P., Kim, J., Kim, H., Jungnam, P., & Youngah, K. (2019). Apparatus and method for processing a multimedia commerce service. In: Google Patents.
- Dawood, M., ur Rehman, S., Majeed, U., & Idress, S. (2023). Contribution the Effect of Corporate Governance on Firm Performance in Pakistan. *Review of Education, Administration & Law*, 6(1), 51-62. doi:<u>https://doi.org/10.47067/real.v6i1.304</u>
- Dou, X., Zhu, X., Zhang, J. Q., & Wang, J. (2019). Outcomes of entrepreneurship education in China: A customer experience management perspective. *Journal of Business Research*, 103, 338-347. doi:<u>https://doi.org/10.1016/j.jbusres.2019.01.058</u>
- Eesley, C., & Wang, Y. (2017). Social influence in career choice: Evidence from a randomized field experiment on entrepreneurial mentorship. *Research policy*, 46(3), 636-650. doi:<u>https://doi.org/10.1016/j.respol.2017.01.010</u>
- Fatima, K., Jamshed, S., Tariq, M. I., & Rahman, S. U. (2023). An Empirical Examination on What Huge Information Investigation Means for China SME Execution: Drope Item and Interaction Development Matter?? *Pakistan Journal of Humanities and Social Sciences*, 11(2), 792-801. doi:<u>https://doi.org/10.52131/pjhss.2023.1102.0391</u>
- Galindo, M.-Á., & Méndez, M. T. (2014). Entrepreneurship, economic growth, and innovation: Are feedback effects at work? *Journal of Business Research*, 67(5), 825-829. doi:<u>https://doi.org/10.1016/j.jbusres.2013.11.052</u>
- Gauthier, S., Reisberg, B., Zaudig, M., Petersen, R. C., Ritchie, K., Broich, K., . . . Chertkow, H. (2006). Mild cognitive impairment. *The lancet, 367*(9518), 1262-1270. doi:<u>https://doi.org/10.1016/S0140-6736(06)68542-5</u>
- Gibb, S. J., Fergusson, D. M., & Horwood, L. J. (2008). Gender differences in educational achievement to age 25. *Australian Journal of Education, 52*(1), 63-80. doi:<u>https://doi.org/10.1177/000494410805200105</u>
- Gibreel, O., AlOtaibi, D. A., & Altmann, J. (2018). Social commerce development in emerging markets. *Electronic Commerce Research and Applications, 27*, 152-162. doi:<u>https://doi.org/10.1016/j.elerap.2017.12.008</u>
- Hart, O. (2003). Incomplete contracts and public ownership: Remarks, and an application to public-private partnerships. *The economic journal, 113*(486), C69-C76. doi:https://doi.org/10.1111/1468-0297.00119
- Hau, Y. S., & Kim, Y.-G. (2011). Why would online gamers share their innovation-conducive knowledge in the online game user community? Integrating individual motivations and social capital perspectives. *Computers in Human Behavior*, 27(2), 956-970. doi:<u>https://doi.org/10.1016/j.chb.2010.11.022</u>
- Hayton, R., Soni, A., Chauhan, A., Sinha, R., & Gupta, M. (2016). Systems and methods for providing a single click access to enterprise, SAAS and cloud hosted application. In: Google Patents.
- Igbaria, M., & Baroudi, J. J. (1993). A short-form measure of career orientations: A psychometric evaluation. *Journal of Management Information Systems, 10*(2), 131-154. doi:https://doi.org/10.1080/07421222.1993.11518003
- Ilyas, A., Banaras, A., Javaid, Z., & Rahman, S. U. (2023). Effect of Foreign Direct Investment and Trade Openness on the Poverty Alleviation in Burundi–Sub African Country: ARDL (Co-integration) Approach. *Pakistan Journal of Humanities and Social Sciences*, 11(1), 555-565. doi:<u>https://doi.org/10.52131/pjhss.2023.1101.0373</u>
- Jiang, J. J., & Klein, G. (2002). A discrepancy model of information system personnel turnover. Journal of Management Information Systems, 19(2), 249-272. doi:https://doi.org/10.1080/07421222.2002.11045722
- Khan, S. M., & Saif-ur-Rehman, S. F. Impact of Foreign Direct Investment (FDI), Institutional Performance and Scientific Innovations on Environmental Degradation: Evidence from OIC Countries.
- Kraus, A. (2015). Scholarly Principles in Teacher Education: What Kind of Science Serves a Practice-Oriented Teacher Education? : Waxmann Verlag.

Pakistan Journal of Humanities and Social Sciences, 11(4), 2023

- Krejcie, R. V., & Morgan, D. W. (1970). Determining sample size for research activities. *Educational and psychological measurement, 30*(3), 607-610. doi:<u>https://doi.org/10.1177/001316447003000308</u>
- Lee, C.-H., Song, I.-S., Jang, S.-W., & Cha, H.-E. (2013). Results of arthroscopic partial meniscectomy for lateral discoid meniscus tears associated with new technique. *Knee surgery & related research*, 25(1), 30. doi:<u>https://doi.org/10.5792/ksrr.2013.25.1.30</u>
- Lee, M. K., & Turban, E. (2001). A trust model for consumer internet shopping. *International Journal of electronic commerce,* 6(1), 75-91. doi:https://doi.org/10.1080/10864415.2001.11044227
- Mukhtar, A., Mukhtar, S., Mukhtar, A., Shahid, C., Raza, H., & Razzaq, S. U. R. THE USE OF SOCIAL MEDIA AND ITS IMPACT ON THE LEARNING BEHAVIOR OF ESL UNIVERSITY STUDENTS FOR SUSTAINABLE EDUCATION IN PAKISTAN.
- Nasurdin, A. M., Ahmad, N. H., & Lin, C. E. (2009). Examining a model of entrepreneurial intention among Malaysians using SEM procedure. *European Journal of Scientific Research*, 33(2), 365-373.
- Nawaz, A., Rahman, S. U., Zafar, M., & Ghaffar, M. (2023). Technology Innovation-institutional Quality on Environmental Pollution Nexus From E-7 Nations: Evidence From Panel Ardl Cointegration Approach. *Review of Applied Management and Social Sciences*, 6(2), 307-323. doi:<u>https://doi.org/10.47067/ramss.v6i2.329</u>
- Onuoha, B. C. (2013). Poor succession planning by entrepreneurs: The bane of generational enterprises in South-East, Nigeria. *AFRREV IJAH: An International Journal of Arts and Humanities*, 2(2), 270-281.
- Oosterbeek, H., Van Praag, M., & Ijsselstein, A. (2010). The impact of entrepreneurship education on entrepreneurship skills and motivation. *European economic review*, *54*(3), 442-454. doi:<u>https://doi.org/10.1016/j.euroecorev.2009.08.00</u>
- Ou, C. X., Pavlou, P. A., & Davison, R. M. (2014). Swift guanxi in online marketplaces: The role of computer-mediated communication technologies. *MIS quarterly, 38*(1), 209-230.
- Parker, D., Manstead, A. S., & Stradling, S. G. (1995). Extending the theory of planned behaviour: The role of personal norm. *British journal of social psychology*, 34(2), 127-138. doi:<u>https://doi.org/10.1111/j.2044-8309.1995.tb01053.x</u>
- Qadri, S. U., Li, M., Anees, A., Ali, S. E., Ma, Z., & Nayel, A. N. Green Finance and Foreign Direct Investment-Environmental Sustainability Nexus in Emerging Countries: New Insights from Environmental Kuznets Curve. *Frontiers in Environmental Science*, *11*, 1074713. doi:https://doi.org/10.3389/fenvs.2023.1074713
- Rasmussen, E., Moen, Ø., & Gulbrandsen, M. (2006). Initiatives to promote commercialization of university knowledge. *Technovation*, 26(4), 518-533. doi:https://doi.org/10.1016/j.technovation.2004.11.005
- Shahid, C., Gurmani, M. T., Rehman, S. U., & Saif, L. (2023). The Role of Technology in English Language Learning in Online Classes at Tertiary Level. *Journal of Social Sciences Review*, 3(2), 232-247. doi:<u>https://doi.org/10.54183/jssr.v3i2.215</u>
- Shahzadi, H. N., Ali, M., Ghafoor, R. K., & Rahman, S. U. (2023). Does Innovation and Foreign Direct Investment Affect Renewable Energy Consumption? Evidence from Developing Countries. *Pakistan Journal of Humanities and Social Sciences*, 11(2), 926–935-926– 935. doi:<u>https://doi.org/10.52131/pjhss.2023.1102.0402</u>
- Tabassum, N., Rahman, S. U., Zafar, M., & Ghaffar, M. (2023). Institutional Quality, Employment, Trade Openness on Environment (Co2) Nexus From Top Co2 Producing Countries; Panel ARDL Approach. *Review of Education, Administration & Law, 6*(2), 211-225. doi:<u>https://doi.org/10.47067/real.v6i2.325</u>
- Usman, M., Rahman, S. U., Shafique, M. R., Sadiq, A., & Idrees, S. (2023). Renewable Energy, Trade and Economic Growth on Nitrous Oxide Emission in G-7 Countries Using Panel ARDL Approach. *Journal of Social Sciences Review*, *3*(2), 131-143. doi:<u>https://doi.org/10.54183/jssr.v3i2.219</u>
- Wagner Mainardes, E., de Almeida, C. M., & de-Oliveira, M. (2019). e-Commerce: an analysis of the factors that antecede purchase intentions in an emerging market. *Journal of International Consumer Marketing, 31*(5), 447-468. doi:https://doi.org/10.1080/08961530.2019.1605643
- Wang, X., Tajvidi, M., Lin, X., & Hajli, N. (2020). Towards an ethical and trustworthy social commerce community for brand value co-creation: A trust-commitment perspective. *Journal of Business Ethics*, 167, 137-152. doi:<u>https://doi.org/10.1007/s10551-019-04182-z</u>

- Zahra, A., Nasir, N., Rahman, S. U., & Idress, S. (2023). Impact of Exchange Rate, and Foreign Direct Investment on External Debt: Evidence from Pakistan Using ARDL Cointegration Approach. *iRASD Journal of Economics*, *5*(1), 52-62. doi:https://doi.org/10.52131/joe.2023.0501.0110
- Zhao, J., Rahman, S. u., Afshan, S., Ali, M. S. E., Ashfaq, H., & Idrees, S. (2023). Green investment, institutional quality, and environmental performance: evidence from G-7 countries using panel NARDL approach. *Environmental Science and Pollution Research*, 30(45), 100845-100860. doi:<u>https://doi.org/10.1007/s11356-023-29332-9</u>
- Zulfiqar, M., Ansar, S., Ali, M., Hassan, K. H. U., Bilal, M., & Rahman, S. U. (2022). The Role of Social Economic Resources Towards Entrepreneurial Intentions. *PalArch's Journal of Archaeology of Egypt/Egyptology*, 19(1), 2219-2253.