

THE UNDERSTANDING OF TAMIL LANGUAGE TEACHERS' ABOUT THE CONCEPT OF FUTURE STUDIES IN THIRUKKURAL COMPONENTS.

Kannadasan Subramanian¹, Karthees Ponniah^{2*}, Parvathy Muniappan³, Ilangkumaran Sivanadhan⁴

^{1,2,4}Faculty of Languages and Communication, Universiti Pendidikan Sultan Idris, Malaysia,

³Methodist Secondary School (ACS), Sitiawan, Perak, Malaysia.

Abstract

This study analyzed the understanding of Tamil language teachers about the concept of Future Studies (KMD) identified in the *Thirukkural* couplets in Tamil Primary Schools (SJK(T)). Qualitative interviews were used in this study. Qualitative data was the interview data collected from six Year 6 Tamil language teachers. All the teachers interviewed had a very good understanding about the concept of KMD in all the *Thirukkural* couplets used in this study. Therefore, every teacher took the initiative to practice good teaching strategies to inculcate the concept of KMD in the content of *Thirukkural* couplets among the students. It can be concluded that the *Thirukkural* couplets in the Tamil Language Syllabus played an important role in helping SJK(T) Year 6 students to achieve excellence and happiness in their lives. This is because the *Thirukkural* couplets have various implicit and explicit meanings that guide the life of every human being towards a good direction.

Keywords: Thirukkural, Future Studies, Tamil Primary School

Introduction

The literary aspects can produce a person who is more sensitive to the changes that occur in one's life and learn the meaning of life through experiences he or she goes through in daily lives (Soleimani, 2020; Madhavan, Basri, MohdAyub, & Asimiran, 2020). This is true based on the statement by Kavri (2015) who emphasized that literature can produce future generations who are courteous and learn from their life experiences despite the trials and challenges they face. Based on the Tamil language syllabus, *Thirukkural* is one of the literary works included at the primary school level as well as at the secondary school level. Tamil Literature Education is known as *Illakiyam*. Students who take Tamil language for examinations are compulsory to study it and Tamil language teachers can teach *Thirukkural* according to the syllabus provided (RenitaPrera, 2019). The Concept of Future Studies (KMD) is related to *Thirukkural* through the couplets in *Thirukkural* based on the Tamil Language Syllabus. According to the Curriculum Development Center, Ministry of Education Malaysia (2002), KMD-based teaching is a strategy that can be used by teachers in the learning and facilitation process to train students to

prepare for the new century (Poongodi, 2017; TahimBael, Nachiappan&Pungut, 2021). Through KMD, students can be prepared to determine the direction of their lives despite various challenges they face in their lives (Shanmugam&Balakrishnan, 2020).

Therefore, through the *Thirukkural* couplets, a holistically balanced person in terms of physical, emotional, spiritual, intellectual and personality, can be created (Sathiya, 2018). Thus, the KMD component in the *Thirukkural* couplets in the Tamil language syllabus needs to be emphasized and further strengthened its application in the learning and facilitation process in schools.

Problem Statement

Nowadays, students are less interested in understanding the *Thirukkural* couplets because in their perspectives, they feel that *Thirukkural* has no guarantee in their lives and is not needed within the scope of their jobs (Gurusamy&Thambu, 2018). Moreover, most schools no longer function to educate noble personalities and have failed to provide useful and balanced lessons in terms of physical, emotional, intellectual and spiritual (MohamadSalleh. J & Abdul Salam, R, 2004).

From the explanation above, it indicates that many students do not focus on the learning

process as a medium to form a noble personality; in fact it becomes a need to focus solely on getting a job (Jumil&Taisin, 2017; Subahshini, 2018). Therefore, elements such as the KMD are not much emphasized in the teaching and learning process. *Thirukkural* which is a guide to build noble personalities among readers also suffers from the same problem.

In addition, the level of knowledge and understanding about the concept of KMD through *Thirukkural* among teachers who teach Tamil in schools today still needs to be studied (Kartheges, P. & Kingston Pal Thamburaj, 2017). An in-depth understanding of *Thirukkural* will achieve the goals of excellence teaching and learning. Therefore, teachers need to have excellent goals about the KMD based on the 30 couplets in the Tamil SJK (T) syllabus. Currently, teachers only use the guidebooks for KBSR Tamil Grammar and Seiyul language 2008, produced by the Curriculum Development Center in teaching the *Thirukkural* Couplets in SJK(T). Based on this study, it is hoped that *Thirukkural* is used as the life guidelines so that it will leave a significant impact on an individual (KarthegesPonniah, MageswariDeverraju, Sathiyamoorthy B., & Gulzhaina K. Kassymova, 2020). This is because the element of humanity listed in *Thirukkural* can realize the desire towards producing the best human capital (Thambu, N, 2017; VarathaRaju&Thambu, 2020).

Research Objective

The objective of this study is to investigate the understanding of Tamil language teachers on the concept of KMD in the *Thirukkural* couplets. There are nine KMD concepts presented to investigate the level of understanding among Tamil language teachers about the KMD concept in the *Thirukkural* couplets.

Research Design

This study aimed to analyze the KMD in *Thirukkural* couplets in SJK(T) which was conducted as fieldwork involving the analysis of

Thirukkural and interviews. A qualitative approach was employed to collect data. A qualitative approach was chosen with the hope to obtain a clear and more comprehensive understanding of the KMD analysis in the *Thirukkural* couplets in SJK(T) in terms of teachers' understanding. This allowed the researcher to understand the issues better in answering the research questions through the use of interview methods.

Research Instrument

The instrument used in the study was the interviews conducted among the Tamil language teachers. The researcher interviewed Year 6 Tamil language teachers about the *Thirukkural* couplets in the KMD component. The researchers interviewed six Tamil language teachers. The interviews were conducted to obtain information about *Thirukkural* couplets in the Year 6 syllabus. This enabled the researcher to learn more about *Thirukkural* with the support from other writers and researchers.

Findings and Discussion

In this study, a total of 6 teachers were selected as the sample for the study. Nine KMD concepts were presented to analyze the level of understanding among the Tamil language teachers about the KMD concept found in the *Thirukkural* couplet.

Understanding the Concept of the Future

Based on the interviews conducted with the six Tamil language teachers, it revealed that the teachers clearly understood the components of understanding the concept of the future. They stated the characteristic of understanding the concepts of the future in the *Thirukkural* couplets. This indicated that the teachers understood the components of understanding the concept of the future in the *Thirukkural* couplets well. For example, the components of understanding the concept of the future are displayed in the *Thirukkural* couplets as follows:

*Akaramuthalaezhuthellamathi
pakavanmutharreulaku.*

Based on the views of the two respondents above on the meaning of the *Thirukkural* couplets content, it revealed that they understood the concept of the future. God is the guide for the future for every student regardless of status and standard of living. The deep faith and placing God as the main pillar of life make human life more perfect. The teacher's understanding of the concept of the future in the *Thirukkural* couplets can develop the nature in creating a generation that is obedient to God and always ready to face any problems and challenges in life.

It can be stated that the understanding of the concept of the future through the content of *Thirukkural* first has become the basis for the formation of a successful generation in life if they create a deep and lasting belief and confidence in God. Being open to the future can also be developed in students when they understand the concept of the future well and allow them to face critical issues with perseverance as well as with creative and critical thinking.

Overall, the principle of understanding the concept of the future in the *Thirukkural* couplets can be identified by the teachers who have been interviewed by the researchers. This indicated that *Thirukkural* contains a clear understanding component of the concept of the future. In addition, all the teachers interviewed understood well the concept of the future in the *Thirukkural* couplets used in this study. Therefore, every teacher will take the initiative to practice good teaching strategies to instill an understanding of the concept of the future through the content of *Thirukkural* among the students.

Collection of Information and Trend Analysis

Based on the interviews conducted with the six Tamil language teachers, it was revealed that the teachers understood the components of information collection and trend analysis clearly. They stated the aspects of information collection and trend analysis identified in the *Thirukkural* couplets. This

evidently reveals that the teachers understood the components of information collection and trend analysis in the *Thirukkural* couplets well. For an example, the information collection and trend analysis components in the *Thirukkural* couplet are displayed follows:

*Kanutaiyarenpavarkarrormukaththurairantu
Punutaiyarkallathavar.*

According to the views of the two teachers above about the meaning of the content in the *Thirukkural* couplets, it revealed that they are aware about the collection of information and analysis of current trends. Based on the *Thirukkural* couplets, complete information in the field of education plays an important role in the direction of the future life of the younger generation. Through the concept of information collection and analysis of current trends, the content of the *Thirukkural* couplets brings changes in terms of mental and physical in students as a result of the knowledge learned. Any problems and challenges of life are difficult to overcome by a less educated generation. This is because nowadays, educated people are considered honorable in society and people who are less educated are always ignored and this makes it difficult for them to live their lives.

In addition, it can be stated that the collection of information and trend analysis through the content of *Thirukkural* is the basis for future generations to equip themselves with knowledge that is constantly changing over time. Thus, students are aware of the fact that to overcome problems faced is by using all the knowledge they have. The lack of imaginative and creative thinking among the less educated people makes their lives always challenging and full of obstacles that can be seen through their sad faces. In summary, it can be stated that the principles of information collection and trend analysis through

Thirukkural couplets can be adapted and applied by the teachers who were interviewed by the researcher. This indicates that *Thirukkural* consists of components for information collection and trend analysis. In addition, all the teachers interviewed understood very well the concept of the future that is based on the collection and analysis of information through *Thirukkural* used in this study. Therefore, every teacher needs to educate his students about the content of *Thirukkural* using various teaching methods according to current trends.

Prediction and Analysis

The findings from the interviews conducted with the six Tamil language teachers revealed that the teachers understood the components of prediction and analysis thoroughly. The prediction and analysis components identified in the *Thirukkural* couplets as shown below have been thoroughly studied. This proves that the Tamil language teachers understood the prediction and analysis components of *Thirukkural* couplets well. For example, the components of prediction and analysis in the *Thirukkural* couplets are stated below:

Muyarchithiruvinaiaakkummuyatrinmai
Inmaipukuththividum

The meaning of the *Thirukkural* couplets as shown above is from the responses of two teachers revealed that they clearly understood the components of prediction and analysis of the future. Based on the content of the *Thirukkural* couplets, the efforts made by a person will allow a person to exploit his or her live in a better direction and achieve a high status in society. In addition, the content of *Thirukkural* also reveals about the danger of being a person labelled as a lazy person who often deceives others to do a job. This is because every lazy person

finally gets nothing in the future and is insulted by the society now and in the future.

Hence, it can be stated that the components of future prediction and analysis through the content of *Thirukkuralmuyarchithiruvinaiaakkummuyatrinmai inmaipukuththividum* should be a guideline in achieving success in the life of each student. Students can analyze the good and bad aspects that occur in their lives as well as being useful people with their hard work. Every thing that is done should have a transparent and trustworthy aspect to enable the work done to be fully blessed.

Overall, it can be noted that the principle of prediction and analysis through the *Thirukkural* couplets displayed above is a component that plays an important role in a student's future. This is because every activity done today, either good or bad, will have an impact in the future. Thus, the process of analyzing each thing done by the current generations is now important to give happiness and harmony in every person's life. Therefore, all the teachers interviewed understood the future concepts that are based on the process of predicting and analyzing through all the *Thirukkural* used in this study. Thus, each teacher guides his student about the content of the *Thirukkural* using various useful methodologies.

The Use of Imagination and Creativity

Based on interviews conducted with the six Tamil language teachers, it revealed that the teachers understood the components of imagination and creativity identified in the *Thirukkural* couplets as stated below. This proves that the teachers understood well the components of creativity and imagination in the *Thirukkural* couplets. For an example, the imagination and creativity components are stated in the *Thirukkural* couplets below:

Celvaththulcelvamceviccelamaccelvam
Celvathulellamthalai

The responses from the interview of the two teachers about the content of the *Thirukkural* couplets stated above revealed that they understood the components of the imagination and creativity clearly. Based on the content of the *Thirukkural* couplets, the imagination and creativity aspect only appears in one's thoughts when she or he hears something. Everything heard will be gathered in one's mind and is institutionalised into a good or poor idea depending on what is heard. This will drive a person's future in a positive direction without any problems.

Therefore, it can be stated that the components of imagination and creativity about the future through the content of the *Thirukkural* are aspects that need to be emphasised in the lives of the younger generation. The future guided by the concept of imagination depends on one's ability to embed new ideas through the creativity and imagination that they have. Thus, teachers play an important role to help their students to know their personalities and self-potentials.

In summary, it can be stated that the principle of using imagination and creativity in the *Thirukkural* couplets displayed above is a component in preparing students to face the challenges of life and know the good or bad things done in the present and future will have an impact in the future. Therefore, the high level of imagination through the knowledge immersed among the current generation is important to enable them to have great ambitions and take various efforts to achieve them. In addition, it was discovered that all the teachers interviewed understood well the concept of the future which is based on the process of using imagination and creativity through all the *Thirukkural* couplets used in this study. It is the responsibility of every teacher to guide his students to experience the good knowledge imparted by anyone.

Social Innovation Process

Based on the interviews conducted with the six Tamil language teachers, it was discovered that the teachers understood the components of social innovation process identified in the *Thirukkural* couplets as displayed below. This proves that the teachers understood well the components of the social innovation process in the *Thirukkural* couplets. For an example, the components of the social innovation process are featured in the *Thirukkural* couplets as follows:

Iniyaulavakainnathakural
Kaniyiruppakkaykavantharru

The understanding of the teachers interviewed related to the components of this social innovation process is at a high level. This is evident through the responses of two teachers' from the interviews about the content of the *Thirukkural* couplets stated above. Based on the content of the *Thirukkural* couplets, every misunderstanding and dispute between communities begins with a conversation. Thus, the word that comes out from one's mouth becomes an important aspect of the social innovation process. Therefore, one cannot choose to use harsh words although there are various simple and sweet words that do not hurt others.

It can be stated that the components of the social innovation process associated with a person's future through the content of *Thirukkural* stated above are pearls for a family and society. This is because the well-being of a universal life depends on the level of tolerance indicated by each person in a community. Every student who is sensitive to others should emphasize on the speech or words chosen to talk to someone else. Every teacher and parent should educate their children to use polite words to be respected by others.

Overall, it can be said that the process of social innovation through the *Thirukkural* couplets stated above is an important component

and plays a role in guiding students' lives in a positive direction without any problems that burden the future generation. Thus, all the teachers interviewed understood well the concepts of future based on the components of the social innovation process through all the *Thirukkural* used in this study. Therefore, each student should understand deeply the content of the *Thirukkuralcouplets* as stated above to ensure universal happiness and well-being.

Scenario-building

According to the interviews conducted with the six Tamil language teachers, it revealed that the teachers understood clearly the scenario-building components identified in the *Thirukkuralcouplets* as stated below. This is evident from the similar responses from the teachers based on the components of the scenario-building identified in the *Thirukkuralcouplets*. For an example, the component of the scenario-building is displayed through the *Thirukkuralcouplets* as follows:

*Ketuilvizhuccelvamkalvioruvarku
Matuallamarraiavai*

Through the content of the *Thirukkuralcouplets* as identified in the responses from the interview of the two teachers, it indicated that they understood the components of the scenario-building for a person's future clearly and precisely. Based on the content of the *Thirukkuralcouplets*, the scenario-building can be attributed to the knowledge that a person possesses. The knowledge gained can be applied by every human being for their future to build a scenario that allows each individual to achieve a higher status and become rich in their lives. Thus, a happy life can be enjoyed when one furthers studies to a higher level. One will understand the aspect of scenario-building that carries the meaning of something done by human beings that influences one's future. Overall, it can be stated that

the principle of scenario-building through the *Thirukkuralcouplets* stated above is a very important future component and plays a role in guiding the lives of students in a good direction. Thus, through the responses from all the teachers interviewed, it can be concluded that they understood well the future concepts that are based on the components of the scenario-building through all the *Thirukkuralcouplets* used in this study. Therefore, each teacher plays a role to expose various issues and impacts that will be experienced, good and bad, related to the future of the younger generation.

Value and future explanations

The findings from the interviews conducted with the six Tamil language teachers can be concluded that they understood the components of value and future explanation for the future assurances identified in the *Thirukkuralcouplets* as stated below. This is evident from the responses of the teachers that were almost identical based on the components of value and future explanation in the *Thirukkural* couplets. For an example, the value and future explanation components are stated in the *Thirukkuralcouplets* as follows:

*Nanrimarapathunanranru;
nanrallathu*

Anremarappathunanru

Through the content of the *Thirukkuralcouplets* as indicated in the responses of the two teachers, it is evident that they understood the components of the values and the future explanation clearly and in detailed. Based on the content of the *Thirukkural* couplets, the explanation of values and the future is an aspect that is emphasized through all the good deeds of a human being. Every human being needs to play an important role in maintaining their dignity and self-esteem. The value of tolerance between each person should be given the priority to ensure

universal happiness. Any reasons cannot be expected when a person has helped others. This directly instills good value in everyone and is honoured.

Therefore, everyone should instil a positive value in each person as indicated in the content of the *Thirukkural* itself. The noble values that each student possesses are capable of raising their names despite having weaknesses in terms of property and others in the future. Among the examples of positive values are displaying a noble personality, thinking carefully in taking any action without being offensive to others, practicing noble values and others.

Based on the principles of value and future explanation in the *Thirukkural* couplets as stated above, it can be concluded that they are the main components and help students see life as a platform to do noble things without any problems. Therefore, all the teachers interviewed understood well and deeply the concepts of future that are based on the components of value and future explanation in all the *Thirukkural* used in this study. In addition, the content of the *Thirukkural* couplets stated above for the components of value and future explanation will reduce war and create more peaceful among humans.

Strategies to overcome anxiety

From the results of the interview conducted with the six Tamil language teachers, it could be summarized that they understood clearly the component on the strategy to overcome concerns for the future assurance identified in the *Thirukkural* couplets as listed below. This is evident from the teachers' responses that were almost identical based on the components on the strategy to overcome anxiety that there are in the *Thirukkural* couplets. For an example, the component on the strategy to overcome anxiety is displayed in the *Thirukkural* couplets as follows:

*Yakavarayinumnakakka;kavakkal
Cokkapparcolizhukkuppattu*

Nevertheless, through the content of the *Thirukkural* couplet as identified from the interview responses of the two teachers, it is evident that they understood the components on the strategy to overcome anxiety. Based on the content of the *Thirukkural* couplets, explanations related to overcome future concerns can be seen in the way a person communicates. The use of sweet words can guarantee peace in human life. Every word utters is a person's ideas and what is in their heart. People who fail to control the harsh words they say will cry in the future. Every student should use good and polite words to enable them to be respected by society nowadays and in the future.

Overall, based on the components on strategy to overcome anxiety through the *Thirukkural* couplets as stated above, it is evident that if children are educated with knowledge at their young age, we are indeed helping our young people to operate and steer our country in accordance with positive directions in the future. Therefore, all the teachers interviewed understood well and deeply the concept of the future that is based on the component on the strategy to overcome anxiety through all the *Thirukkural* couplets used in this study. In addition, the content of the *Thirukkural* couplets listed above for the component on the strategy to overcome anxiety will solve the problem critically, knowledgeably and always actively.

Understanding the dimensions of sustainability

Based on the findings from the interviews conducted with the six Tamil language teachers, it can be concluded that they understood in detailed the component on the understanding about the sustainability dimensions identified in the *Thirukkural* couplet as shown below. This is evident in the responses from the teachers that

were almost identical on the components of understanding the sustainability dimensions in the *Thirukkural* couplets. For an example, the components of understanding the sustainability dimensions are displayed through the *Thirukkural* couplet as follows:

Thupparkuththuppayathuppakiththupparkuth
Thuppayathuummazhai

Through the content of the *Thirukkural* couplet as evident in the interview responses of the two teachers proves that they clearly understood the components of understanding the dimensions of sustainability. Based on the content of the *Thirukkural* couplets, the understanding about the dimensions of sustainability can be seen in the way a person shows the value of appreciating and loving the environment. Therefore, the awareness about the needs to preserve and conserve the environment to maintain ecosystem balance needs to be instilled in every student. In addition, the younger generation needs to know the importance of protecting the environment from being further polluted through the sustainability dimension. To summarize, it can be stated that based on the components of understanding the sustainability dimensions through the *Thirukkural* couplet as displayed above, it shows that everyone should be sensitive to each thing around them. Therefore, it can be confirmed that all the teachers interviewed understood deeply the future concepts that are based on the components of understanding the dimensions of sustainability through all the *Thirukkural* used in this study. Thus, the content of the *Thirukkural* couplet which is stated above for the components of understanding the dimensions of sustainability plays an important role in brightening the future of each student.

Conclusion

Overall, it can be concluded that the *Thirukkural* couplets in Tamil language syllabus play an important role in helping students of SJK(T) Year

6 to achieve excellence and happiness in their lives. This is because the *Thirukkural* couplets have various implicit and explicit meanings that guide the life of every human being in a good direction. There is good understanding of the *Thirukkural* couplets among Tamil language teachers (Kartheges, 2017). It is hoped that this study will attract the attention and interest of the relevant parties to instill awareness in them on the importance of *Thirukkural* couplets that have the KMD components as stated in the Tamil language syllabus.

References:

- Gurusamy, V., & Thambu, N. (2018). Development of moral motivation through acting activities in teaching and learning of Moral Education in secondary schools [Perkembangan motivasi moral murid melalui aktivitas lakon and alampengajaran dan pembelajaran Pendidikan Moral di sekolah menengah]. *Muallim Journal of Social Sciences and Humanities*, 2(4), 234-250. Retrieved from <https://www.mjssonline.com/index.php/journal/article/view/70>
- Jumil, F., & Taisin, N. (2017). Nilai Pendidikan Dalam Tangon-Tangon Masyarakat Kadazandusun. *PENDETA: Journal of Malay Language, Education and Literature*, 8, 36-46. <https://doi.org/10.37134/pendeta.vol8.4.2017>
- Kartheges Ponniah, Mageswari Deverraju, Sathiyamoorthy B., & Gulzhaina K. Kassymova. (2020). Almsgiving or services by the Indian NGO's of Port Dickson based on sariyai in Periya Puranam. *Psychology and Education*, 57(8), 239-249. <https://doi.org/10.17762/pae.v57i8.723>

- Santhosh, M. S., Sasikumar, R., Natrayan, L., Kumar, M. S., Elango, V., & Vanmathi, M. (2018). Investigation of mechanical and electrical properties of Kevlar/E-glass and Basalt/E-glass reinforced hybrid composites. *International Journal of Mechanical and Production Engineering Research and Development*, 8(3), 591-598.
- Kartheges, P. & Kingston Pal Thamburaj. (2017). Human personality in Thirukkural Literature and Science Social. Malaysia: Tamil Linguistic Assentation of Malaysia.
- Kartheges, Ponniah (2017). *Pemikiran kritis dan amalannya dalam masyarakat India berpendidikan Tamil di Malaysia berpanduk teks Thirukkural*. Kuala Lumpur: University of Malaya.
- Kavri. (2015). *Nilai Sosiobudaya Ramayana dalam Cerpen-cerpen Tamil di Malaysia: Kajian Ijazah Sarjana*. Fakulti Sastera dan Sains Sosial, Universiti Putra Malaysia.
- Senthilkumar, P., & Sankaranarayanan, G. (2015). Production of waste polyethylene bags in to oil and studies performance, emission and combustion characteristics in di diesel engine. *International journal of humanities, arts, medicine and science*, 3, 149-158.
- Kementerian Pelajaran Malaysia. (2002). *Pengajaran Berasaskan Kajian Masa Depan*. Kuala Lumpur: Percetakan Haji Jantan Sdn. Bhd.
- Madhavan, S., Basri, R., Mohd Ayub, A. F., & Asimiran, S. (2020). Kualiti bimbingan pengajaran oleh “Pegawai Pembimbing Pakar Pembangunan Sekolah” (School Improvement Specialist Coaches - SICS+) sebagai faktor peramalterhadap kualiti guru di sekolah kebangsaan. *Muallim Journal of Social Sciences and Humanities*, 4(3), 68-78. <https://doi.org/10.33306/mjssh/82>
- Mohamad Salleh, J. & Abdul Salam, R. (2004). *Oil Height Determination From Capacitance Tomography*. Measurements Using Neural Network: In: ACIT'2004- 5th International Arab Conference on information Technology.
- Khan, S. A., Aabid, A., & Baig, M. A. A. (2018). CFD analysis of CD nozzle and effect of nozzle pressure ratio on pressure and velocity for suddenly expanded flows. *International Journal of Mechanical and Production Engineering Research and Development*, 8, 1147-1158.
- Poongkodi, M. (2017). Analysis the level critical thinking among students through Thirukkural essay [மாணவர்களின் ஆய்வுச்சிந்தனையைத் திருக்குறள்கட்டுரையின் வழிகாட்டறிதல்]. *Muallim Journal of Social Sciences and Humanities*, 1(1), 39-50. Retrieved from <https://mjsshonline.com/index.php/journal/article/view/5>
- Renita Prera, W. (2019). Improving the level of HOTS (higher order thinking skills) of form 2 students by learning Thirukkural [திருக்குறள்கற்றலின் வழிபடிவம் 2 மாணவர்களின் உயர்நிலைச்சிந்தனை]

- தனைத்திறனை
மேம்படுத்துதல்]. *Muallim Journal of Social Sciences and Humanities*, 3(1), 96-110. <https://doi.org/10.33306/mjssh/08>
- Kadam, S., & Charhate, S. (2016). Some Studies on Cost Overrun Factors Affecting Repairs and Rehabilitation of Buildings.
- Sathiya, M. (2018). Application of Maslow's theory of economic safety needs in Thirukkural [மாஸ்லோவின் பொருளாதார பாதுகாப்புத் தேவை நோக்கில் திருக்குறள்]. *Muallim Journal of Social Sciences and Humanities*, 2(1), 53-63. Retrieved from <https://mjsshonline.com/index.php/journal/article/view/18>
- Shanmugam, K., & Balakrishnan, B. (2020). Microsoft power point as a presentation tool for teaching and facilitating science in rural Tamil schools in Perak [Perisian microsoft power point sebagai perantipenambahan semasapdpc sains di SJK(T) luar bandar di negeri Perak]. *Muallim Journal of Social Sciences and Humanities*, 4(1), 49-65. <https://doi.org/10.33306/mjssh/55>
- Soleimani, F. (2020). Alignment of accountability and language planning and policy in the third millennium. *AJELP: Asian Journal of English Language and Pedagogy*, 8(1), 8-17. Retrieved from <https://ejournal.upsi.edu.my/index.php/AJELP/article/view/3396>
- Subahshini, J. (2018). The thoughts of Thirukkural in Pattukkottai Kalyana Sundaram's Tamil movies songs [பட்டுக்கோட்டை கல்யாணசுந்தரத்தின் திரைப்படங்களில் திருக்குறளின் பாடல்களில் திருக்குறள் சிந்தனை]. *Muallim Journal of Social Sciences and Humanities*, 2(1), 84-93. Retrieved from <https://mjsshonline.com/index.php/journal/article/view/21>
- Stalin, B., Ravichandran, M., Arivukkarasan, S., & Mohanavel, V. (2018). Weight Loss Corrosion Studies of Aluminium-LM4 Reinforced With Alumina Silicate (Al₂O₃SiO₂) Particulates Composites in Sodium Chloride (NaCl) Solution. *International Journal of Mechanical and Production Engineering Research and Development*, 2018, 329-336.
- Tahim Bael, B., Nachiappan, S., & Pungut, M. (2021). Analisis kesediaan guru dalam pelaksanaan kemahiran berfikir aras tinggi dalam pembelajaran, pengajaran dan kemudahan abad ke-21. *Muallim Journal of Social Sciences and Humanities*, 5(1), 100-119. <https://doi.org/10.33306/mjssh/115>
- Thambu, N. (2017). The development of Moral thinking through theater forum: An action research [Perkembangan pemikiran Moral melalui theater forum: Satu kajian tindakan]. *Muallim Journal of Social Sciences and Humanities*, 1(1), 12-30. Retrieved from <https://mjsshonline.com/index.php/journal/article/view/3>
- FAROOQI, A. (2016). A GREEN STRATEGY TOWARDS THE MISCIBILITY STUDIES OF STYROFOAM IN ORGANIC AND INORGANIC SOLVENTS BY USING MATERIALS

MODELLING AND SIMULATION METHOD. *Journal of General Engineering and Technology (JGET)*, 1, 11-18.

VarathaRaju, L. D., &Thambu, N. (2020). Caring moral reasoning through forum theatre in teaching and learning of Moral Education

[Penaakulan moral caring melaluiteater forum

dalam pengajaran dan pembelajaran Pendidikan Moral]. *Muallim Journal of Social Sciences and Humanities*, 4(2), 214-228.

<https://doi.org/10.33306/mjssh/75>