

DIFFERENCES ON THE EMPLOYABILITY SKILLS AMONG FRESH GRADUATES IN THE MALDIVES

Aminath Zafra Rasheed¹,

E-mail: aminathzafrarasheed@gmail.com,

Ugindar Singh Kartar Singh²

E-mail: ugindarsinghkartarsingh@gmail.com

¹ and ² Asia Pacific University of Technology and Innovation,

Abstract

Doubt plus modifications in our atmosphere need teachers to get ready themselves with the abilities that will firms look for inside them, in addition to there may be variations in opinion in the employers' and even graduates' aspects. This specific study was executed to determine employers' together with graduates' awareness of this employability abilities needed in the market within the Maldives. It was the quantitative review, plus 2 collections associated with sample had been chosen, including participants plus hiring managers within the Maldives. The information was basically gathered from the structure associated with a hundred and twenty-five teachers plus 70 managers from your Maldives. The details have been soon after investigated via SPSS software program. Detailed research has been utilized to evaluate the end result. The outcomes proved of which each participant plus companies described the relevant skills extremely. The most notable 3 which is ethnical abilities, long term understanding, in addition to expert habit, had been comparable amongst teachers plus companies. There was clearly a few variations, specifically upon problem-solving expertise, which usually business employers been rated for greater than participants. The end result of the analysis furnished teachers and even teachers along with appropriate employability abilities. The particular conclusions can help tutors together with participants for making selections on the course load plus programs. Towards the researcher's understanding, this is actually the primary research available within the Maldives that will in comparison the particular employability abilities from your viewpoint associated with organisations in addition to teachers.

Keywords: Businesses, participants, employability abilities, ability space

1. Introduction

The particular Republic associated with Maldives is definitely a self-sufficient nation found in the particular north-central Native american indian Seashore. You can find all-around twelve hundred destinations of which constitute the Maldives (Britannica, several notable. m.). The particular Major House Merchandise associated with Maldives has demonstrated a good uptrend over time, and your fourth 1 / 4 associated with 2019, typically the Low Household Product or service from selling price seemed to be thirteen. 2% (National Agency regarding Studies, 2020). With regards to price, Maldives GROSS DOMESTIC PRODUCT when it comes to 2019 was initially \$5. 64B, which mentioned the 6th. 46% raise out of 2018. The people in the Maldives within 2020 was basically 560, 500 which is anticipated to get to 667, 500 inside 2030. Over fifty percent with the human population is regarded as farm. Typically the republic a new complete associated with fifth there's 89, 432 college students signed up for 2020. There was forty-five, 879 men in addition to 43, 553 girls. Nevertheless , there was simply all around fourteen, 1000 pupils signed up for the particular Colleges and universities plus Universities inside the Maldives (National Office associated with Research, 2020).

Joblessness is a concern within the Maldives. Inside the yr 2019, typically the joblessness price appeared to be six. 14%, and also this had been a boost involving zero. 29% from previous twelve months (Macrotrends, 2020). As a result of adjustments within technologies plus the atmosphere, there might be equivalent modifications in our abilities needed simply by organisations. A report simply by Hussain ain 's. (2010) shown that will personalized good quality was your finest employability ability then facts abilities, social expertise, assets abilities, standard abilities, info expertise, considering abilities, and even technologies devices expertise. One more research by simply Ramli tout autant que way. (2010) determined problem-solving plus soritical abilities, decision-making, institution together with period administration, conversation capability, sociable expertise, management plus effect, creativeness, uniqueness, overall flexibility plus theory abilities, long term mastering, in addition to professionalism and reliability given that the expertise desired simply by recruiters. Reduced au même tire que ing. (2016) discovered connection abilities, problem-

solving abilities, decision-making, enthymematic expertise, vital considering, capacity to synthesize details, team-work, social abilities, and even constant studying like a from the expertise which are necessary throughout teachers. A current examine by simply Suarta de plus 's. (2017) diagnosed interaction abilities, problem-solving abilities, decision-making expertise team-work abilities which can be an excellent source of significance to be able to businesses. This particular demonstrates there are numerous abilities which were revealed, however the critical necessary abilities necessary these days in the point of view associated with learners together with bosses continue to be past comprehension.

Latest correctly explained how the ability for the future staff is usually altering. The main ability known to be simply by Harvard appeared to be synthetic considering plus development. The content by simply Harvard stressed the fact that abilities needed nowadays can be focusing read more about innately human being abilities as compared to exploit equipment (Harvard Department of continuous Education and learning, 2021). One other expertise discovered simply by Harvard middle include energetic understanding in addition to understanding techniques, imagination, inspiration, plus labor, technological innovation style and even coding, crucial pondering together with evaluation, intricate problem-solving, command plus interpersonal impact, mental mind, thinking in addition to problem-solving, plus Devices examination plus examination. This particular obviously shows that will employability abilities can be changing, and even participants have to make independently for your employment market (MM Kamruzzaman et. al 2022). This really is additional maintained some sort of survey provided on earth Financial Message board. The particular statement displayed the long run abilities essential within 2025 so as worth addressing, includes conditional considering plus advancement, lively studying together with mastering methods, sophisticated problem-solving, essential pondering plus evaluation, durability, pressure patience, and adaptability, creativeness, appearance, in addition to effort management, and even interpersonal affect, thought, problem-solving, together with ideation, psychological data plus technologies design and style in addition to development. Typically the describe more highlighted of which creating and even boosting individual abilities together with features are the main element motorists of any country's financial good results plus person safety. The skill sets can be had by means of education and learning, understanding, in addition to important function (World Economical Community forum, 2020).

As a result of modifications in our employability expertise necessary in the foreseeable future, there could be variations in assumption from your employers' and even graduates' views. Mentioned previously within the record given on the globe Financial Website (2020), companies count on that will simply by 2025, extremely repetitive functions definitely will drop and these promising occupations definitely will expand. The particular declaration additional pointed out of which abilities spaces will still be huge since desired expertise throughout positions improves within the next several yrs. The particular being out of work between youth adults from ages involving 18-34 i visited 8%, which has been above the particular countrywide standard (National Department regarding Figures, 2016). This specific age bracket includes teachers getting into the particular crews marketplace. The greater pace associated with redundancy may be related to employability abilities. Consequently , you have to have an understanding of the abilities which might be regarded as essential down the road right from both employers' together with employees' sides. Yet , the scarcity involving research includes trained in the abilities expected inside refreshing participants through the employers' plus graduates' facets inside the Maldives. Therefore, this kind of investigate can help recognize typically the difference between employability abilities needed by simply companies along with the expertise provided by teachers. This kind of analysis may be great for upcoming participants throughout determining the main employability abilities in addition to organizing them selves with regards to near future profession progression.

2. Literature Review

2.0 Employability skills

Employability abilities or even work expertise reference abilities which will make people a lot more employed within the employment market, including dependability plus dependability (Gravels, 2010). The particular employability abilities accomplish the particular efficient overall performance of the work simply by a person. Moreover, employability abilities could be classified in to could be expertise, understanding,

behaviour, plus habit. STEMNET (n. deborah.) described employability abilities seeing that abilities which are transferable and are generally essential for someone to further improve their own employability. Great specialized expertise in addition to subject matter information know-how would be the abilities that will companies get inside workers to make sure they could carry out their job efficiently also to the very best of the capacity. Pegg ainsi que ing. (2012) additional identified employability since the expertise, understandings, and private advantages of a good person. Own these types of 3 determinants could make a person a lot more employed plus flourishing within their profession (Y. Shi et. al 2020). These upgrades display there is zero regular or perhaps general associated with employability abilities. Usually, employability expertise make reference to the relevant skills of which boost the employability of people.

Many students and even experts own recognised the particular employability abilities which are needed inside the employment market (e. r., Lower tout autant que 's., 2016; Suarta au même tire que ing., 2017). Typically the Confederation regarding Indian Market or even CBI (2011) established 7 employability expertises that will cover self-management, team-work, problem-solving, conversation, numeracy abilities, enterprise together with client knowledge, plus technology abilities. The particular device produced by Johnson (2006) located a few of the abilities which is to be necessary within teachers. Within the list associated with expertise, there was clearly 50 abilities which were classified directly into 12 organizations. The relevant skills found simply by STEMNET (n. deb.) involve conversation expertise, ethnical abilities, problem-solving abilities, self-initiative, function pressurized, company expertise, team-work, studying in addition to changing, discussion abilities, and even valuing assortment. Problem-solving abilities, connection expertise, decision-making abilities, vital considering expertise, together with social abilities had been determined by simply Lower ou approach. (2016). A nearly similar group of abilities were recognized simply by Suarta de plus 's. (2017). Typically the employability expertise encircles conversation abilities, problem-solving abilities, decision-making expertise team-work abilities that happen to be an excellent source of significance in order to companies. This kind of implies that employability abilities really are transforming because of modifications in our atmosphere (Guobin Chen et. al 2020). You can also find a few variants within the category from the expertise. This particular offered an improved knowledge of the abilities, expertise, ability, along with other features which make participants even more employed. It really is additionally documented that will several significant abilities just like interaction abilities plus problem-solving abilities are frequently related.

2.1 Graduate Employability Skills as Perceived by Employers

Through the employer's viewpoint, there are many abilities that happen to be regarded as required throughout the current atmosphere (e. h., Kornelakis plus Petrakaki, 2020; Lowden ainsi que ing., 2011). Kornelakis in addition to Petrakaki (2020) analysis proven the abilities that will organisations look for according to boss studies, like team-work, conversation, and even problem-solving abilities. In line with the outcomes of the particular study, it had been exposed that many recruiters asserted with a simple abilities for example simple literacy, numeracy, and this understanding. Nevertheless, the particular companies were disappointed using the intricate expertise had simply by teachers which are connected to all their character behavior for instance company knowledge, profession self-management, together with problem-solving. Artess, Hooley, plus Mellors-Bourne (2016) included that will companies really are obvious over the abilities these people get within new participants. The particular employability expertise include things like conversation, ethnical, enterprise shrewdness, specialized abilities, plus behavior tips like strength. Lowden ou 's. (2011) additional additional of which employability expertise anticipated simply by businesses involve specialized in addition to self-discipline expertise. Additionally , bosses anticipate typically the teachers to enjoy larger abilities including direction expertise, team-work, connection abilities, crucial considering, and even problem-solving expertise. Ramli, Nawawi and Chun (2010) well-known nine abilities which the particular companies location increased weightage and are generally recognized to become essential participants. These types of abilities encircle team-work, creating much better relationship by using consumers, dedication to purchase brand new information, learning the requires, plus good mannerism.

Probably the most crucial expertise the graduate student should certainly have from your employer's belief is certainly using concept in to exercise (Ramli au même tire que ing., 2010). Once teachers offer the capability to use the actual have discovered throughout Higher education, it is known in order to represent nicely on the volume of overall performance at work. Additionally there is a question around the essential contraindications significance of specialized abilities against smooth expertise including conversation abilities together with problem-solving expertise. Previous correctly noted that will gentle abilities just like conversation expertise get increased weightage when compared to specialized or even challenging abilities (Archer plus Davison, 2008). Window ain approach. (2008) more reinforced this specific declare whom mentioned that will merely a tiny amount of firms provide increased weightage in order to specialized abilities once enrolling fresh workers. This particular tips in the direction of an equilibrium regarding each difficult in addition to smooth abilities, however, many correctly uncovered of which gentle abilities occasionally dominate more than difficult expertise.

2.2 Employability Skills Graduates Perceive They Possess

From your graduate's point of view, employability expertise had been recognized as crucial that you protect work. Earlier correctly furthermore proven a number of the employability abilities of which teachers regarded as essential (Williams, 2015; Brown plus Garton, 08; Wickramasinghe plus Perera, 2010). The analysis simply by Williams (2015) disclosed the fact that a couple of most significant employability expertise been rated for simply by participants have been conversation abilities in addition to social expertise. On this research, typically the teachers mentioned that they have to boost their composed and even mouth conversation abilities so that you can enhance their likelihood of safe-guarding a position. A further examine simply by Rahmat tout autant que 's. (2012) well-known 4 kinds of expertise which were noted by simply participants like crucial. The particular several abilities had been development expertise, program creation abilities, business owner expertise, together with gentle abilities. Nevertheless, just encoding expertise, program improvement abilities, plus delicate expertise had been regarded significant simply by teachers. Development abilities and also the precise product information technological innovation had been ranked incredibly extremely. Typically the entrepreneurship abilities were definitely not graded extremely because of the participants. Within the analyze simply by Johnson plus Garton (2008), the particular teachers positioned problem-solving capability because the most crucial technique, then the cabability to do the job separately. Wickramasinghe in addition to Perera (2010) distinguished the abilities essential via all of graduate's facets: problem-solving abilities, confidence in yourself, plus team-work. Yet, the particular conception differed in between men and women. Males participants positioned bigger weightage upon studying abilities and even imaginative considering, and feminine teachers put excessive significance about constructive mindset. Imaginative together with revolutionary considering was initially recognized as crucial simply simply by males participants, whilst common conversation had been referred to as significant just by simply school academics. The effects of a research simply by Abbasi tout autant que way. (2018) furthermore says men ought to problem-solving expertise in comparison with women. This particular signifies that there may be dissimilarities depending on sex. The above mentioned evaluation demonstrates typically the graduates' conception associated with expertise is not really reliable along the research. There are variances between awareness by simply men and women associated with employability abilities.

2.3 Skill gaps

Additionally there is the skill sets space that will exist where the abilities necessary by simply companies are not necessarily held simply by teachers (Abbasi ou approach., 2018: Nurita ou way., 2004). Abbasi, Ali, plus Coiffure (2018) research says the particular graduates' employability abilities had been taken into consideration below the particular employability expertise that will business employers look for within them. This suggests the presence of ability spaces. The research discovered ability breaks that will include tuning in abilities, problem-solving abilities, conversation expertise, management abilities, social abilities, conditional expertise, self-management, numeracy, together with crucial considering abilities. A report simply by Allen plus truck welcher Velden (2011) between participants within Countries in europe shown that will teachers made use of merely a smaller number from the expertise that they can obtained with the Collage. Nevertheless , the roles require even more abilities compared to then simply managed or even figured out

throughout educational institutions. In a few states, colleges create a reduced focus on employability expertise plus basically offered participants using a standard training having a formidable assumptive aspect (Allen plus Lorrie seiner Velden, 2011). The analysis simply by Nurita ain 's. (2004) likewise uncovered that will participants are usually competed in typically the classes they will concentrate on, however they own a reduced amount of gentle abilities that will organisations seek out. Companies wish to use teachers who have have a very stability regarding good specialized expertise or perhaps educational achievements in addition to smooth abilities of which companies search for, like social expertise, interaction abilities, and adaptability (Nurita, Shaharudin as well as Aion, 2004). This kind of demonstrates lower levels involving gentle expertise is likely to make the particular participants a lot less aggressive inside the employment market.

3. Research Methodology

3.1 Research Strategy

In line with the opinions plus presumptions, some sort of positivist viewpoint was chosen with this review. A new deductive strategy was basically chosen that technique is usually connected with positivism. With this analysis, your research technique was the study. The particular review technique has been picked that technique provided a very affordable means of gathering considerable amounts of information to deal with the particular whom, exactly what, where, once, and exactly how regarding a subject or even concern. (Singh, 2006). In line with the technique, most important info had been gathered in order to solution the study issues which were presented (Saunders ainsi que ing., 2016). Time intervale was basically cross-sectional as being an overview associated with information was basically gathered as soon as just. The self-administered set of questions was created according to problems which were taken out of previous research. The research populace was teachers plus managers within the Maldives. Comfort sample has been appropriate to gather the information because of the present circumstances. The information was basically modified, coded, evolved. The information evaluation was basically carried out from the SPSS device, in addition to detailed stats were produced. The particular a comparison of typically the suggest for every dilemma demonstrated right after inside belief in between companies plus participants.

3.2 Instrumentation and data collection

With this quantitative review, the customer survey seemed to be utilized as being a device to gather info from your sample components. 2 models associated with forms had been produced that studies in line with the understanding associated with firms plus teachers. The aim was basically to distinguish right after within their awareness. The prospective society has been hiring managers in addition to new participants within the Maldives. The point structure dimension for every class had been 70 individuals. Based on Sudman (1976), no less than one hundred individuals is required for every single team. The particular forms had been dispersed utilizing a mixed method, where the particular forms were shipped manually and even in electronic format. Honest concerns with regards to privacy, level of privacy, together with permission in order to take part had been solely followed with this analysis. Most important information was gathered through a hundred and twenty-five teachers plus 70 managers.

The particular customer survey was initially separated in to 2 areas. Part A new from the set of questions enclosed queries over the market user profile for the participants. With regard to participants, including how old they are, girl or boy, schooling degree. Pertaining to companies, the kind was basically incorporated. Inside Area W, typically the length size was used to getting reactions through the members. The particular Likert form dimension enquired the particular participants to be able to fee the particular employability abilities based on all their inclination having an increase of just one in order to some where one sama dengan trivial, two sama dengan somewhat essential, 4 sama dengan somewhat significant, some sama dengan essential, plus five sama dengan essential. The particular device included in this particular research can be a set of questions taken in the Study from the Employability Abilities Required inside the labor force, that has been created by Johnson (2006). The particular teachers in addition to business employers replied by giving a new ranking of these notion from the volume of significance of every proficiency. There was clearly 50 expertise which were subdivided directly into 12 classes. Dependability evaluating has been completed verify the particular steadiness regarding information. Facial area

quality had been structured on obtaining a couple of gurus to check on typically the set of questions.

Following the information was basically gathered from the forms, the information was modified, coded, and even evolved. In line with the looking at, all of the forms were maintained for even more research. The details gathered from participants had been investigated utilizing a record program pertaining to interpersonal scientific discipline (SPSS) software program. Detailed research had been produced in order to the particular conception involving participants together with organisations in the direction of employability abilities.

4. Results

4.1 Demographic Analysis

The detailed evaluation had been accomplished primarily based generally in the occurrence from the answers associated with sex, time, knowledge degree plus kind of corporation, in addition to overall participants who also filled up within the sample. From your overall regarding 205 replies, eighty results had been through firms in various market sectors within the Maldives, and even a hundred and twenty-five replies were coming from participants surrounding the Maldives. The information by hiring managers demonstrated that almost all the particular companies (72. 5%) had been involved in typically the personal field. A further twenty-seven. five per cent belonging to the employers' had been involved in the federal government industry. Additionally, from your entire involving a hundred and twenty-five tendencies via teachers. There initially were sixty six men (52. 8%) plus fifty nine women (47. 2%). Many participants of which took part on this researching have been through the village associated with Men. Between a hundred twenty five graduate student reactions, the greatest portion regarding 96% had been participants inside the age bracket involving 30 : 28 yrs . old. Just 4% had been within the age bracket associated with thirty rapid 39 years of age. To get teachers, the best fraction regarding fifty five. 2% pressed the bachelor's qualification, 37. 4% within the participants run the Qualification, together with 6th. 4% have been master's level stands.

4.2 Reliability Scale Analysis

Depending on Cronbach's leader ratio, the interior surface with the things has been described. The interior look on the things is recognized to always be higher when the principles acquire nearer to one zero. With regards to the particular rule-of-thumb simply by George plus Mallery (2003), any kind of worth that is certainly more than zero. 6 is considered to be quite good. Any kind of benefit well over zero. 8 is suitable, when figures which can be lower than zero. 6th will be debatable. In this analyze, info has been gathered through firms in addition to teachers associated with Maldives in addition to has been reviewed individually with the SPSS computer software. The particular Cronbach's alpha dog figures from the graduates' replies had been examined, and it also began the fact that the info seemed to be regularly passed out. The greatest associated with Cronbach's first was proven by sociable abilities and even inspiration having a =0. 827 in addition to a =0. 851. The minimum worth is patterns using a =0. 582. Solving problems a new Cronbach's first of your sama dengan zero. 735, making decisions which has a sama dengan zero. 617, period supervision having a sama dengan zero. 738, conversation having a sama dengan zero. 758, authority using a sama dengan zero. 772, capability to contemplate which has a sama dengan zero. 789 together with studying having a sama dengan zero. 625.

Table : The Cronbach's Alpha results for the variables of the study)

Factors	Cronbach's Alpha Graduates	Cronbach Alpha Employers	No of Items
Problem Solving	0.735	0.795	5
Decision Making	0.617	0.727	3
Time Management	0.738	0.795	8
Communication	0.758	0.839	6
Interpersonal Skills	0.827	0.852	6
Leadership	0.772	0.890	4
Conceptualize	0.789	0.752	5
Learning	0.625	0.758	2
Behavior	0.582	0.807	4

Motivation	0.851	0.911	7
------------	-------	-------	---

Depending on Cronbach's leader ratio, the interior surface with the things has been described. The interior look on the things is recognized to always be higher when the principles acquire nearer to one zero. With regards to the particular rule-of-thumb simply by George plus Mallery (2003), any kind of worth that is certainly more than zero. 6 is considered to be quite good. Any kind of benefit well over zero. 8 is suitable, when figures which can be lower than zero. 6th will be debatable. In this analyze, info has been gathered through firms in addition to teachers associated with Maldives in addition to has been reviewed individually with the SPSS computer software. The particular Cronbach's alpha dog figures from the graduates' replies had been examined, and it also began the fact that the info seemed to be regularly passed out. The greatest associated with Cronbach's first was proven by sociable abilities and even inspiration having a =0. 827 in addition to a =0. 851. The minimum worth is patterns using a =0. 582. Solving problems a new Cronbach's first of your sama dengan zero. 735, making decisions which has a sama dengan zero. 617, period supervision having a sama dengan zero. 738, conversation having a sama dengan zero. 758, authority using a sama dengan zero. 772, capability to contemplate which has a sama dengan zero. 789 together with studying having a sama dengan zero. 625.

4.3 Descriptive Statistics Analysis

The particular desk underneath offers the detailed research through the files gathered through teachers. The end result display that there is 123 information results out of amongst a hundred and twenty-five tendencies. Participants own overlooked 2 factors once completing the particular set of questions, and therefore this will show lacking information. Nevertheless, based on the general guideline, if perhaps lower than five per cent of this information is lacking, it could possibly be disregarded with no big difficulties.

The particular question pertaining to issue clearing up displays an overall total typical involving four. 2128 (SD sama dengan zero. 51289, Minutes sama dengan second . sixty, Skewness sama dengan -0. 854, Kurtosis sama dengan zero. 505). Making decisions comes with an ordinary associated with four. 4213 (SD sama dengan zero. 54402, Minutes sama dengan second . thirty-three, Skewness sama dengan -0. 865, Kurtosis sama dengan zero. 606). Period operations proportioned in some. 4740 (SD sama dengan zero. 42930, Minutes sama dengan c. zero, Skewness sama dengan -0. 838, Kurtosis sama dengan zero. 494). Connection recently had an ordinary associated with four. 4520 (SD sama dengan zero. 47369, Minutes sama dengan 6. seventeen, Skewness sama dengan -0. 744, Kurtosis sama dengan -0. 112). Social recently had an regular associated with 5. 5393 (SD sama dengan zero. 50140, Minutes sama dengan a few. 00, Skewness sama dengan -1. material, Kurtosis sama dengan zero. 523). Direction recently had an typical regarding four. 2640 (SD= zero. 60267, Minutes sama dengan second . 65, Skewness sama dengan -0. 439, Kurtosis sama dengan -0. 695). Capability to contemplate comes with an ordinary involving four. 4608 (SD sama dengan zero. 46227, Minutes sama dengan additional. 00, Skewness sama dengan -0. 593, Kurtosis sama dengan -0. 405). Studying proportioned from four. 6680 (SD sama dengan zero. 50379, Minutes sama dengan 2 . not fifty, Skewness sama dengan -1. 583, Kurtosis sama dengan installment payments on your 500). Behavior was in a typical associated with some. 6180 (SD sama dengan zero. 41101, Minutes sama dengan numerous. 00, Skewness sama dengan -1. 267, Kurtosis sama dengan one 673). Ultimately, inspiration recently had an common associated with 5. 4651 (SD sama dengan zero. 50504, Minutes sama dengan three or more. 00, Skewness sama dengan -0. 766, Kurtosis sama dengan -0. 252).

4.4 Descriptive Statistics - Graduate

	N	Minimum	Mean	Std. Deviation	Skewness		Kurtosis	
	Statistic	Statistic	Statistic	Statistic	Statistic	Std. Error	Statistic	Std. Error
Problem Solving	125	2.60	4.2128	.51289	-.854	.217	.505	.430
Decision Making	125	2.33	4.4213	.54402	-.865	.217	.606	.430
Time Mgmt.	125	3.00	4.4740	.42930	-.838	.217	.494	.430
Communication	125	3.17	4.4520	.47369	-.744	.217	-.112	.430
Interpersonal Skills	123	3.00	4.5393	.50140	-1.101	.218	.523	.433
Leadership	125	2.50	4.2640	.60267	-.439	.217	-.695	.430
Conceptualize	125	3.00	4.4608	.46227	-.593	.217	-.405	.430
Learning	125	2.50	4.6680	.50379	-1.583	.217	2.500	.430
Behavior	125	3.00	4.6180	.41101	-1.267	.217	1.673	.430
Motivation	125	3.00	4.4651	.50504	-.766	.217	-.252	.430

In line with the detailed figure, the particular teachers set higher significance about all of the 12 unique abilities. Based on the fact, long term understanding plus expert conduct gets the greatest necessarily mean by using four. 6680 in addition to four. 6180 whilst management provides the smallest suggest involving some. 2640. This means that that will based on participants, ongoing studying and even pro conduct abilities tend to be essential, although community abilities were regarded 3rd most crucial proficiency having a necessarily mean associated with four. 5393. the most notable 5 abilities had been understanding, habits, ethnical abilities, period operations, plus inspiration.

Summary descriptive statistics (Employers)

	N	Minimum	Mean	Std. Deviation	Skewness		Kurtosis	
	Statistic	Statistic	Statistic	Statistic	Statistic	Std. Error	Statistic	Std. Error
Problem Solving	80	2.00	4.3500	.58634	-1.330	.269	3.038	.532
Decision Making	80	2.00	4.0667	.65903	-.779	.269	.398	.532
Time Management	80	2.63	4.3234	.52119	-1.034	.269	1.347	.532
Communication	80	2.33	4.2583	.61275	-.987	.269	1.113	.532
Interpersonal Skills	80	3.00	4.4271	.55299	-.882	.269	-.075	.532
Leadership	80	1.75	4.0813	.82559	-.597	.269	-.361	.532
Conceptualize	80	2.80	4.3300	.55219	-.721	.269	.515	.532
Learning	80	2.00	4.4063	.77580	-1.576	.269	2.125	.532
Behavior	80	2.00	4.3875	.68309	-1.684	.269	3.153	.532
Motivation	80	1.29	4.3446	.72477	-2.152	.269	6.443	.532

The particular detailed studies to get problem-solving demonstrates an aggressive associated with four. 3500 (SD sama dengan zero. 58634, Minutes sama dengan second . 00). Making decisions possesses Signify associated with some. 0667 (SD sama dengan zero. 65903, Minutes sama dengan second . 00). Moment administration Imply was initially on 5. 3234 (SD sama dengan zero. 52119, Minutes sama dengan second . 63). Conversation recently had a normal regarding four. 2583 (SD sama dengan zero. 61275, Minutes sama dengan 2 . not 33). Community a new Imply involving four. 4271 (SD sama dengan zero. 55299, Minutes sama dengan 3 or more. 00). Command a new imply associated with some. 0813 (SD= zero. 82559, Minutes sama dengan one 75). Capacity to contemplate a new Necessarily mean associated with four. 3300 (SD sama dengan zero. 55219, Minutes sama dengan installment payments on your 80). Studying a new imply regarding 5. 4063 (SD sama dengan zero. 77580, Minutes sama dengan second. 00). Actions a new suggest

associated with four. 3875 (SD sama dengan zero. 68309, Minutes sama dengan second . 00). Lastly, inspiration a new Really mean associated with some. 3446 (SD sama dengan zero. 72477, Minutes sama dengan 1) 29). From employer's viewpoint, the greatest rating was to get Social abilities, as well as long term studying. The very best 5 employability expertise from your employer's point of view had been community abilities, long term understanding, qualified actions, and determination, together with problem-solving expertise. Right here once again, the many twenty abilities were well liked from the recruiters.

4.5 Normality of data.

Based on George plus Mallery (2003), Skewness plus Kurtosis are thought to become exceptional, using ideals starting from -1 in order to plus one, although beliefs involving -2 in order to +2 will be suitable. Its noticeable in the over desk that will skewness in addition to kurtosis of all of the components possess principles including -2 in order to +2 aside from 1 component having a kurtosis associated with second . five hundred. Consequently , the particular normality involving information submission seemed to be founded.

Table 1. Graduates' summated scores of employability skills

Graduates	M	SD
Problem Solving and Analytic	4.2128	0.51289
1. Identifying problems	4.48	0.612
2. Prioritizing problems	4.42	0.775
3. Solving problems	4.54	0.478
4. Confident about tackling unfamiliar problems	4.09	0.933
5. Sharp analytical skills	4.23	0.795
Decision Making	4.4123	0.54402
6. Able to make decisions independently	4.31	0.777
7. Making decisions on the basis of thorough analysis of the situation	4.53	0.655
8. Recognizing the effects of decisions to be made	4.42	0.732
Organization and Time Management	4.474	0.4293
9. Setting priorities	4.53	0.462
10. Allocating time efficiently	4.60	0.635
11. Monitoring progress against the plan	4.32	0.848
12. Revising plans to include new information	4.31	0.723
13. Managing several tasks at once	3.89	0.990
14. Meeting deadlines	4.71	0.536
15. Responsible and reliable	4.78	0.552
16. Punctual	4.65	0.743
Communication Ability	4.452	0.47369
17. Conveying information one-to-one	4.48	0.691
18. Gives clear explanation about problems and treatments	4.61	0.543
19. Making effective presentation	4.22	0.838
20. Relevant skills in written communication (emails, reports, letters to clients, etc.)	4.40	0.729
21. Listening Attentively	4.53	0.655
22. Respond to others' comments ideally	4.44	0.734
Interpersonal Skills	4.5393	0.5014
23. Ability to work as a team member	4.79	0.513
24. Relating with supervisors	4.28	0.789
25. Demonstrate empathy with fellow employees	4.37	0.809
26. Establish good rapport with customers	4.48	0.703
27. Understanding the needs of others	4.55	0.689
28. Good manner – respect, caring, friendly, enjoy the job, inspire confidence	4.71	0.569
Leadership and Influence	4.264	0.60267
29. Supervising the work of others	4.17	0.790
30. Giving direction and guidance to others	4.45	0.689
31. Delegating work to peers	4.20	0.833

32. Delegating work to subordinates	4.24	0.807
Creativity, Innovation, Flexibility and Ability to Conceptualize	4.4608	0.46227
33. Providing novel solutions to problems	4.32	0.691
34. Adapting to situations of change	4.52	0.590
35. Initiating change to enhance productivity	4.40	0.648
36. Demonstrate critical thinking ability, generating hypotheses and linking ideas	4.56	0.627
37. Applying theory into practice	4.50	0.577
Lifelong Learning	4.668	0.50379
38. Keeping up to date on the latest information regarding the professionalism	4.56	0.677
39. Willingness to gain new knowledge	4.78	0.490
Professional Behaviour	4.618	0.41101
40. Has Appropriate skills and knowledge	4.59	0.569
41. Honest and know his/her own limitations	4.65	0.599
42. Seeks further knowledge as required to help people	4.68	0.548
43. Works safely	4.55	0.735
Motivation-Personal Strength	4.4651	0.50504
44. Maintaining a high energy level	4.23	0.820
45. Functioning at an optimal level of performance	4.41	0.649
46. Responding positively to criticism	4.54	0.652
47. Seizes opportunities and act proactively	4.47	0.702
48. Maintaining a positive attitude	4.54	0.713
49. Functioning well in stressful situations	4.44	0.723
50. Ability to work independently	4.61	0.581

TABLE 2 EMPLOYERS' SUMMATED SCORES OF EMPLOYABILITY SKILLS		
Employers	M	SD
Problem Solving and Analytic	4.3500	0.58634
1. Identifying problems	4.58	0.652
2. Prioritizing problems	4.38	0.769
3. Solving problems	4.51	0.811
4. Confident about tackling unfamiliar problems	4.06	0.862
5. Sharp analytical skills	4.23	0.842
Decision Making	4.0667	0.65903
6. Able to make decisions independently	3.85	0.915
7. Making decisions on the basis of a thorough analysis of the situation	4.14	0.775
8. Recognizing the effects of decisions to be made	4.21	0.758
Organization and Time Management	4.3234	0.52119
9. Setting priorities	4.39	0.72
10. Allocating time efficiently	4.43	0.854
11. Monitoring progress against the plan	4.21	0.837
12. Revising plans to include new information	4.14	0.838
13. Managing several tasks at once	3.79	1.027
14. Meeting deadlines	4.51	0.693
15. Responsible and reliable	4.61	0.665
16. Punctual	4.51	0.811
Communication Ability	4.2583	0.61275
17. Conveying information one-to-one	4.19	0.813
18. Gives clear explanation about problems and treatments	4.38	0.786
19. Making an effective presentation	4.19	0.813
20. Relevant skills in written communication (emails, reports, letters to clients, etc.)	4.24	0.83
21. Listening Attentively	4.33	0.823
22. Respond to others' comments ideally	4.24	0.875
Interpersonal Skills	4.4271	0.55299
23. Ability to work as a team member	4.6	0.686
24. Relating with supervisors	4.33	0.808
25. demonstrate empathy with fellow employees	4.24	0.783
26. Establish good rapport with customers	4.41	0.724
27. Understanding the needs of others	4.46	0.655
28. Good manner – respect, caring, friendly, enjoy the job, inspire confidence	4.53	0.711
Leadership and Influence	4.0813	0.82559
29. Supervising the work of others	3.94	1.023
30. Giving direction and guidance to others	4.24	0.931
31. Delegating work to peers	4.08	0.883
32. Delegating work to subordinates	4.08	0.965
Creativity, Innovation, Flexibility, and Ability to Conceptualize	4.3300	0.55219
33. Providing novel solutions to problems	4.15	0.888
34. Adapting to situations of change	4.48	0.693
35. Initiating change to enhance productivity	4.29	0.75
36. Demonstrate critical thinking ability, generating hypotheses and linking ideas	4.36	0.799
37. Applying theory into practice	4.38	0.753
Lifelong Learning	4.4063	0.77580
38. Keeping up to date on the latest information regarding the professionalism	4.35	0.843
39. Willingness to gain new knowledge	4.46	0.819
Professional Behaviour	4.3875	0.68309
40. Has Appropriate skills and knowledge	4.39	0.819
41. Honest and know his/her own limitations	4.44	0.809
42. Seeks further knowledge as required to help people	4.29	0.957

43. Works safely	4.44	0.84
Motivation-Personal Strength	4.3446	0.72477
44. Maintaining a high energy level	4.23	0.900
45. Functioning at an optimal level of performance	4.2	0.947
46. Responding positively to criticism	4.39	0.907
47. Seizes opportunities and act proactively	4.33	0.839
48. Maintaining a positive attitude	4.49	0.9
49. Functioning well in stressful situations	4.38	0.919
50. Ability to work independently	4.41	0.867

Desk four plus Desk displays every item for every group of queries ranked from the teachers. For those participants, all of the ranking for every sub-dimension has been over 4. The greatest ranking was handed for those products for that capability to operate groups plus determination to get brand new understanding. Desk five exhibits the things for every class of concerns which were ranked simply by companies. The particular rankings simply by companies had been furthermore higher, and everything the particular scores have been near to several. Typically the requirement to deal with obligations plus dependability has been graded the greatest with the companies. It was accompanied by the abilities in addition to capability to determine and even resolve issues. This particular indicates a few variations among companies together with teachers.

4.6 Discussion, Implications, Limitations, and Recommendations for Future Research

In line with the outcomes, it had been mentioned that will employability abilities were ranked extremely simply by each companies plus teachers. This particular implies that the two companies in addition to participants progressively highlight employability abilities. Having these skills is going to be good for companies because they do not need to invest enough time and even cash to build up together with reskill their own new teachers. In line with the statement offered in the Globe Financial Discussion board (2020), companies approximated of which close to 40 % associated with workers would require 6 months or even much less to become reskilled. For that participants, the particular enhancements made on way of thinking to get the required employability abilities will certainly result in their own achievement within the contemporary place of work. The fundamental employability abilities are usually regarded as important skills to have a work as well as for the near future profession achievement regarding teachers.

The outcomes furthermore demonstrated there was a few degree of contract among companies plus participants concerning the family member significance of employability abilities. Both companies in addition to teachers ranked long term studying, expert conduct, and even social expertise since the best 3 employability abilities. The very best 5 abilities recognized by simply participants to be able worth addressing had been constant understanding, expert habits, social abilities, period administration, plus inspiration. The particular companies' determined sociable abilities accompanied by ongoing studying, expert behaviour, problem-solving, together with determination.

Long term studying has been graded as the utmost essential ability simply by college students plus provided the particular second-highest ranking by simply companies. Long term mastering includes maintaining up to now around the most recent info plus determination to get brand new understanding. The outcomes reveal those teachers are usually placing higher focus on getting information plus staying in touch currently using the present atmosphere. Companies choose to employ workers that are constantly learning how to boost their specialist development. Teachers have to constantly get difficulties simply by helping out to consider brand new tasks, going to training courses plus workshops, plus signing up with regard to programs. With this element, teachers ought to study from errors and become open minded plus synthetic (Harvard Department of continuous Schooling, 2021). Companies must also apply the tradition associated with assistance which includes listening to advice from errors. In the present daily existence, participants have to continually study from errors in addition to through individuals surrounding them simply by remaining interested, synthetic, and even open minded.

Social abilities had been the particular highest-rated employability ability simply by business employers. This particular employability ability seemed to be the 3rd highest-rated ability one of the teachers. This particular employability talent can also be much like results through previous research (Lievens together with Sackett, this year; Harris plus Ruler, 2015). Lievens plus Sackett (2012) mentioned that this degree of social expertise might allow these to develop good associations in addition to connect efficiently along with colleagues, managers, and even clients. The research by simply Saeed (2015) additional additional that will public abilities can help the particular adjusting involving participants inside an assistance work part. Great social abilities may allow visitors to work together successfully. Additionally, social abilities enhance their understanding of the strongest and weakest points from the other people within their group. This can allow these to create much better associations together with adjust nicely.

Expert actions have been graded extremely simply by both teachers plus organisations. Typically the graduates' scored specialized conduct because the 2nd most significant employability expertise. The particular recruiters performing expert habit as being the 3rd most significant employability ability. Specialist tendencies consists of integrity, security methods, purchase expertise plus expertise, generate to understand, plus assisting other people. This particular research reiterated of which participants ought to prove and stay prepared to manage typically the obligations designated for them. Companies anticipate the particular workers in order to connect to co-staffs, clients, in addition to customers designed to promote your event. They have to recognize their particular obligations plus regard others plus their very own moment. Rawal et. al (2021), Poongodi et. al(2022), Ramesh TR et.al (2022), Ahila A et.al (2022), Muniyappan et. al(2022)

Problem-solving abilities have been scored very simply by companies. Nevertheless, typically the teachers regarded this particular ability since when compared to some other expertise. It had been ranked for the reason that cheapest employability technique by simply participants. Problem-solving proficiency includes abilities to recognize, prioritize and even resolve issues. Business employers assume workers to get self-confidence within resolving issues and still have large conditional abilities. The final results display the existence of an art space within work. Among the best expertise discovered within the record introduced on the planet Economical Discussion board had been problem-solving together with crucial considering, plus evaluation abilities (World Financial Community forum, 2020). Companies diagnosed problem-solving because increasing within dominance within the lead-up in order to 2025.

4.7 Implications of the Study

Learning the factor amongst the employability abilities required simply by business employers and exactly what exists simply by teachers was your most important purpose of this particular review. This kind of study was carried out to distinguish the particular employability abilities that will unique teachers will need to own whenever joining typically the labor force from the opinion associated with organisations plus participants. The research effects are going to be useful to teachers plus moderators regarding organizations better studying within the Maldives. There exists a higher level of hesitation nowadays, in addition to a comprehension from the employability expertise may adjustable rate mortgage participants using the equipment and even abilities to getting a work plus go after a good profession. Teachers together with managers should certainly realize that employability abilities really should be created in line with the demands plus outlook involving companies down the road. This particular research proved of which teachers usually are in agreement with companies at the top expertise that will recruiters get. Nevertheless, there are several spots where participants failed to understand the significance of abilities like problem-solving expertise. This particular analysis will make it obvious that will teachers within cooperation using establishments better understanding should be familiar with beliefs associated with businesses. Simply by studying plus getting the particular anticipated employability abilities, they will posture by themselves much better within the employment market. They might furthermore increase their very own for you to safe work having trustworthy bosses. The particular employability abilities revealed right here could also aid organizations better mastering plus teachers inside studying his or her course which is a lot more in-line towards the requirements of this market in addition to firms. The introduction of smooth expertise ought to be section of the lessons programs. Additionally, among the recommended methods will be to consist of internships and even college student

marketplace jobs plus learning the particular program subjects. Research institutes ought to create much better hyperlinks by using hiring managers to enhance to truly together with increased possibility associated with employability possibilities. Pertaining to companies, time used with regard to reskilling staff will be pricey plus labor intensive. Via effort along with research institutes, they could slow up the period obtained regarding reskilling typically the workers.

Simply by determine employability abilities plus the spaces regarding the employability abilities needed by simply companies and exactly what participants believe they will have, it really is intended which the price regarding unemployability amongst kids inside the Maldives may be decreased. The particular conclusions out of this study might be accepted as the contributions towards the new teachers within the Maldives. Right after exploring plus learning the employability abilities required simply by companies, it is crucial with the participants to produce these types of abilities in addition to focus on getting employed in order to close up the particular move. Joblessness amongst teachers is a serious concern within the Maldives. Therefore, in order to shut down this specific distance, quite a few activities might be taken into account to help make the teachers employed later on.

4.8 Limitations and recommendations for future research.

There have been certain constraints mentioned with this analysis. First of all, this specific research just concentrated about employability abilities. Pertaining to parsimony's motive, the particular characteristics, expertise, plus capabilities were not supplied in such a research. The particular definitions within teachers just like self-confidence, self-efficacy can offer a much better knowledge of the requirements associated with recruiters. Expertise like psychological maturation plus societal skills may additionally produce a much better comprehension of typically the employability needs of the work. This may lead to the very first recommendation pertaining to forthcoming experts to add characteristics plus expertise anticipated within unique participants. The 2nd reduction is that this particular examine failed to consider the outlook involving supervisors during unique amounts within the group structure. Research of this anticipation associated with operators in the functional stage plus best operations degree may differ. Consequently , it is suggested that will long term research can easily analyze the particular beliefs towards the top administration levels, middle section administration degree, in addition to functional stage. It was the quantitative review that will applied some sort of set of questions in order to get reactions out of businesses. Long term homework may follow the qualitative solution to analysis the relevant skills that will bosses assume through teachers. Qualitative research provides deeper info with regards to employability expertise.

References

- Abbasi, F.K., Ali, A. and Bibi, N. (2018). Analysis of skill gap for business graduates: managerial perspective from banking industry. *Education + training*, 60(4), 354-367.
- Allen, J., & van der Velden, R. (2011). *Skills for the 21st century: Implications for and science*. Maastricht: Researchcentrum voor Onderwijs en Arbeidsmarkt.
- Archer, W. and Davison J. (2008). *Graduate employability: What do employers think and want?* London, the Council for Industry and Higher Education (CIHE).
- Artess, J., Hooley, T., & Mellors-Bourne, R. (2016). *Employability: A review of the literature ,2012 to 2016*. York: HEA.
- Britannica (n.d.). Maldives. <https://www.britannica.com/place/Maldives/History>
- CBI (2011). *Working Towards Your Future: Making the Most of Your Time in Higher Education*. London: Confederation of British Industry
- Glass, A. Landsburgh, H. Quashie, A and McGregor A. (2008). *The Work-Readiness of Recruits from Colleges and Universities in Scotland: Full Report*. Training and Employment Research Unit TERU) University of Glasgow
- George, D., & Mallery, P. (2003). *SPSS for Windows step by step: A simple guide and reference*. Boston: Allyn& Bacon
- Gravells, A. (2010). *Delivering employability skills in the lifelong learning sector*. Sage Publishing
- Harris, C.R. and King, S.B. (2015). Rural Mississippi community college students' perceptions of employability skills. *Community College Journal of Research and Practice*, 39(4), 383-386
- Harvard Division of Continuing Education (2021).10 Emerging Skills for Professionals.

- <https://professional.dce.harvard.edu/blog/10-emerging-skills-for-professionals/#content>
Husain, M.Y., Mokhtar, S.B., Ahmad, A.A., & Mustapha, R. (2010). Importance of Employability Skills from Employers' Perspective. *Procedia Social and Behavioral Sciences*, 7(C) (2010): 430–438.
- Kornelakis, A., & Petrakaki, D. (2020). Embedding employability skills in UK higher education: Between digitalization and marketization. *Industry and Higher Education*, 34(5), 290-297.
- Lievens, F. and Sackett, P.R. (2012). The validity of interpersonal skills assessment via situational judgment tests for predicting academic success and job performance. *Journal of Applied Psychology*, 97(2), 460-468.
- Low, M., Botes, V., Dela Rue, D., & Allen, J. (2016). Accounting Employers' Expectations – The Ideal Accounting Graduates. *e-Journal of Business Education & Scholarship of Teaching*, 10(1), 36-57.
- MM Kamruzzaman, Bingxin Yan, Md Nazirul Islam Sarker, Omar Alruwaili, Min Wu, Ibrahim Alrashdi. (2022). Blockchain and Fog Computing in IoT-Driven Healthcare Services for Smart Cities. *Journal of Healthcare Engineering*, Volume 2022, <https://doi.org/10.1155/2022/9957888>
- Lowden, K., Hall, S., Elliot, D., & Lewin, J. (2011). Employers' perceptions of the employability skills of new graduates. London: Edge Foundation.
- Macrotrends (2020). Maldives Unemployment Rate 1991-2021. <https://www.macrotrends.net/countries/MDV/maldives/unemployment-rate#:~:text=Unemployment%20refers%20to%20the%20share,a%200.13%25%20decline%20from%202017>.
- National Bureau of Statistics (2020). Statistical Yearbook 2020. <http://statisticsmaldives.gov.mv/yearbook/2020/>
- National Bureau of Statistics (2016). Household Income and Expenditure Survey (HIES) Analytical Report III: Employment. <http://statisticsmaldives.gov.mv/nbs/wp-content/uploads/2018/10/HIES-Report-2016-Employment-Update-6112018-1.pdf>
- Nurita, S., & Ainon, P. (2004). A survey of students' employability skills: A case of Unitar. *Unitar e-journal*, 4(1).
- Y. Shi, S. Wang, S. Zhou and M. M. Kamruzzaman. (2020). Study on Modeling Method of Forest Tree Image Recognition Based on CCD and Theodolite. *IEEE Access*, vol. 8, pp. 159067-159076, 2020, doi: 10.1109/ACCESS.2020.3018180
- Pegg, A., Waldock, J., Hendy-Isaac, S., & Lawton, R. (2012). *Pedagogy for Employability*. York: Higher Education Academy.
- Rahmat, M., Ahmad, K., Idris, S., & Zainal, N. F. A. (2012). Relationship between employability and graduates' skill. *Procedia-Social and Behavioral Sciences*, 59, 591-597.
- Ramli, A., Nawawi, R., & Pau Chun, M.P. (2010). Employees' Perception of Employability Skills Needed in Today's Workforce among Physiotherapy Graduates. *Procedia Social and Behavioral Sciences*, 7(C) (2010): 455–463
- Robinson, J. S. (2006). Graduates' and employers' perceptions of entry-level employability skills needed by agriculture, food and natural resources graduates (Doctoral dissertation, University of Missouri--Columbia).
- Robinson, S. and Garton, B. (2008). An Assessment of the Employability Skills Needed By Graduates in the College of Agriculture, Food and Natural Resources at the University of Missouri. *Journal of Agricultural Education*, 49(4), 96-105.
- Guobin Chen, Zhiyong Jiang, M.M. Kamruzzaman. (2020). Radar remote sensing image retrieval algorithm based on improved Sobel operator, *Journal of Visual Communication and Image Representation*, Volume 71, 2020, 102720, ISSN 1047-3203 <https://doi.org/10.1016/j.jvcir.2019.102720>
- Saunders, M., Lewis, P. and Thornhill, A. (2016). *Research Methods for Business Students*. Harlow: Prentice Hall.
- Saeed, K. (2015). Gaps in marketing competencies between employers' requirements and graduates' marketing skills. *Pakistan Business Review*, 17(1), 125-146.
- Singh, Y.K. (2006). *Fundamental of research methodology and statistics*. New Age International.
- STEMNET (n.d.). Employability skills.

- <https://www.exeter.ac.uk/ambassadors/HESTEM/resources/General/STEMNET%20Employability%20skills%20guide.pdf>
- Suarta, I. M., Suwintana, I. K., Sudhana, I. F. P., & Hariyanti, N. K. D. (2017, September). Employability skills required by the 21st century workplace: A literature review of labor market demand. In International Conference on Technology and Vocational Teachers (ICTVT 2017). Atlantis Press.
- Sudman, S. (1976). Applied sampling (No. 04; HN29, S8.). New York: Academic Press.
- The World Economic Forum (2020). The Future of Jobs Report 2020. http://www3.weforum.org/docs/WEF_Future_of_Jobs_2020.pdf
- Wickramasinghe, V., & Perera, L. (2010). Graduates', university lecturers' and employers' perceptions towards employability skills. *Education+ Training*, 52(3), 226-244.
- Williams, A.M.C., 2015. Soft skills perceived by students and employers as relevant employability skills. Doctoral Thesis, Walden University.
- Bharat S. Rawal, Poongodi M., Gunasekaran Manogaran, and Mounir Hamdi. 2021. Multi-Tier Stack of Block Chain with Proxy Re-Encryption Method Scheme on the Internet of Things Platform. *ACM Trans. Internet Technol.* 22, 2, Article 41 (May 2022), 20 pages. <https://doi.org/10.1145/3421508>
- Poongodi, M., Hamdi, M., & Wang, H. (2022). Image and audio caps: automated captioning of background sounds and images using deep learning. *Multimedia Systems*, 1-9. <https://doi.org/10.1007/s00530-022-00902-0>
- Ramesh, T. R., Vijayaragavan, M., Poongodi, M., Hamdi, M., Wang, H., & Bourouis, S. (2022). Peer-to-peer trust management in intelligent transportation system: An Aumann's agreement theorem based approach. *ICT Express*. <https://doi.org/10.1016/j.icte.2022.02.004>
- Poongodi, M., Nguyen, T. N., Hamdi, M., & Cengiz, K. (2021). A Measurement Approach Using Smart-IoT Based Architecture for Detecting the COVID-19. *Neural Processing Letters*, 1-15. <https://doi.org/10.1007/s11063-021-10602-x>
- A A, M P, Hamdi M, Bourouis S, Rastislav K and Mohmed F (2022) Evaluation of Neuro Images for the Diagnosis of Alzheimer's Disease Using Deep Learning Neural Network. *Front. Public Health* 10:834032. doi: 10.3389/fpubh.2022.834032
- Poongodi, M., Hamdi, M., Gao, J., & Rauf, H. T. (2021, December). A Novel Security Mechanism of 6G for IMD using Authentication and Key Agreement Scheme. In 2021 IEEE Globecom Workshops (GC Wkshps) (pp. 1-6). IEEE., Spain, DOI: 10.1109/GCWkshps52748.2021.9715537
- Muniyappan, A.; Sundarappan, B.; Manoharan, P.; Hamdi, M.; Raahemifar, K.; Bourouis, S.; Varadarajan, V. Stability and Numerical Solutions of Second Wave Mathematical Modeling on COVID-19 and Omicron Outbreak Strategy of Pandemic: Analytical and Error Analysis of Approximate Series Solutions by Using HPM. *Mathematics* 2022, 10, 343. <https://doi.org/10.3390/math10030343>