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**“AN EMPIRICAL STUDY ON EVALUATING AND VALIDATE THE FACTORS
AFFECTING TO SATISFACTION OF HIGHER EDUCATION”**

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Abstract:

The main objective Of this study is to identify the satisfaction level of the student saspiring management courses. And the also to explore the factors affecting the student ssatisfaction level. Now a days the education system is adopting alotmany changes. The study assess the management education students satisfaction experienced in different institutions of Ahmedabad city. The factors identified are all contributing significantly and which are highly affecting to the satisfaction level of the students.**The core purpose of this study is to identify and validate the factors which are responsible for satisfaction level of students, who are pursuing higher level management education.** In this research EFA&CFA is being used with the help of SPSS analysis, AMOS. With the EFA we explore the factors affecting the satisfaction level of the students and with CFA we confirming the same factors affecting the students'satisfaction level.

1. Introduction:

Customer satisfaction has been considered asavital issue with in the marketing literature (Churchill Jr & Superenant, 1982). (Crosby, 1991) Maintains that providing a high level of quality lowers costsand retains satisfied customers, andultimately generateshigher profitmargins for an organization. Past research studies (Zeithaml, Parasuraman, & Berry, 1990)(Cronin Jr & Taylor, 1992) had discussed about the significance of customer perception regarding the customer's expectancies that will be a help to the organization to achieve the preliminary step in rendering the service qualityand satisfaction. Now, the institutions engaged in the Academic Sector have also enfold the marketing concept and the idea of the students as consumer, the customer who are engaged with the purchase ofhigher educationschemes and services(Kotler & Levy, 1969). Today's students seekfor institutions whichwill providethemwithunique, memorable, andprivate educationalexperiences. Also, he/she could be a customer, seeking an academic program which will preparehim/her for a successful career and gainful employment. **Higher level Management Educationneeds – Modern Infrastructure, highly sophisticated IT support, advanced e-library and**

highly qualified & knowledgeable faculties. Students are always in need to supported services and other facilities like recreation alcenters, hygienic food canteen and place to chill out to burst out the stress.

In an Academic Institutions, students are being considered as the real customer (El Abbadi , Bouayad , & Lamrini, 2013)(Sakthivel , Rajendran, & Raju, 2005). The satisfaction level of students must be given the utmost importance by the academic institutions due to exhaustive competitions amid the educational institutions. There are various reasons in support of high expectations of the students from the academic institutions like: They are paying high fees, student’s perception regarding their better future opportunities for which they are opting for higher management courses. So as a result, the students, the actual customers of academic institutions are expecting higher services, as these all services will ultimately help them to classify the education as marketable services(Kwek, Lau, & Tan, 2010)

It is very much necessary that student must be retained with the academic institution which they are preferring for perusal of their higher education, and this same will be having a greater impact on their academic performance throughout their whole tenure with institutions only by the qualitative services which will be provided by the institutions of higher educations. (Sander , Stevenson, King, & Coates, 2000)(Letcher & Neves, 2010)reportedthat“studentsatisfactionhelpstobuild self-Confidence, which self-confidence helps students develop useful skills, and acquire knowledge”. Based on the previous explanation, it's important to debate about factors which determine students’ satisfaction. This study concentrate son understanding the students’ expectation, perception and satisfaction towards the services offered by management education institutions. Satisfaction level of thestudents play vital role. It’s directly link with Word of Mouth, Brand Image and ultimatelyconverted into loyalty of students towards the instructions. Therefore, factors identification and validation of factors are playing crucial role in such studies.

2. Theoretical Frame work and Literature Review:

There has been a lot of study going around the similar area where student’s satisfaction is measured. The current study takes into account the previous work and builds upon the theory of student satisfaction by introducing various dimensions to it.

One of the study by (Ravindran & Kalpana, 2012) analyze the management education student's expectation, perception and satisfaction of services experienced across four categories of institutions in Coimbatore. Institution quality factors were captured using structured questionnaire across six dimensions namely, location, academics, infrastructure, image, cost and personnel and overall satisfaction. A momentous difference was noticed amid the perceptions of students across four categories of institutions in all six dimensions of institution quality factors. All five factors except cost significantly influence the over all satisfaction of students towards the institution.

Another study by (Yusoff, McLeay, & Woodruffe-Burton, 2015) categorized 12 factors or the lie ben eath dimensions that drive business of student satisfaction with in the Malaysian PHE. The Twelve factors are: professional comfortable environment; student assessments and learning experiences; classroom environment; lecture and tutorial facilitating goods; textbook and tuition fees; student support facilities; business procedures; relationship with teaching staff; knowledgeable and responsive faculty; staff helpfulness; feedback; and sophistication sizes. Understanding these factors could help educational institutions to higher plant heir strategies and inform academics fascinated by studying student satisfaction. Factor analysis resulted with in the adoption of a 12- factor solution from a clever set of 53 satisfaction items. The results also indicated the influence of demographic factors on the extent of business student satisfaction. (Gray & DiLoreto , 2016)in their have shown that course organization and structure, student engagement, learner interaction, and instructor presence have been responsible for substantial variance in student satisfaction and perceived learning in online learning environments through a range of pathways, although no research to date has tested the mediation a lrelationship identified. This study expanded upon the

existing literature about online learning and the variables that influence student satisfaction and perceived learning. The researchers investigated the relationships among course structure/organization, learner interaction, student engagement, and instructor presence on student satisfaction and perceived learning. There sults of this study were intended to inform practicerelated to increasingretention and improving the quality of online teaching and learning.

2.1. Research Gap:

This research is completely on the satisfaction level of the management students. This is the unique attempt to identify and validate the factors leading to student satisfaction with basic measurement model. Majority of the researcher give importance to cost-infrastructure and other tangible variables. Here researcher develop a scale and try to understand the effectiveness of tangible andintangibleboth factors.Those students who are pursuing management courses within the Gujarat State. Thescholars feel that the Career safety through this course or not. The research is finished within the Ahmedabad city and also the other research is finished innumerous countries by different researchers. The study shows that the scholars are positive side of the course and also the negative side of the course. The scholars who complete their raduation after that their first choice is to try to any management course. It gives them the career safety also.

3. Research Methodology:

3.1. Objective::

- Toexplorethefactors that areaffectingthelevel of student's satisfaction, studyinginMBA–PostGraduate program.
- TovalidatethefactorsareinfluencingthesatisfactionofstudentsarestudyinginMBAprogram.

3.2. Hypothesis:

- **H1:** Faculties capabilities and support significantly leads to over all satisfaction of the student sin the higher management education program.
- **H2:** Institutional Educational environment have significant positive effects on the students’ satisfaction in higher management education program.
- **H3:** Perceived Individual growth significantly affecting the students’ satisfaction level in the higher management education program.
- **H4:** Internal Infrastructure and supplement support services are having a significant positive effectson the students’ satisfaction in the higher management education program
- **H5:** College Brand Image leads to satisfaction of the student sin higher management education program.

3.3. Measurement Development:

A pragmatic research survey was conducted to test the relationship between the constructs and aquestionnaireis developedforthe same tenacity.A survey was conducted for accumulating the data,which is delineated below.

We have used a questionnaire to collect data. The Measurement scales of the questionnaire for the researchmodel concepts were approved scales from previous studies. A group of 4 to 5 experts has revisedthe methodology and measurement scales to make sure about the content validity and appropriateness of the phrasing of the questions. The researcher has used 5-point Likert scales, moving from“strongly disagree” to“strongly agree”, to measure the construct items, where the one denoted to strongly disagree and five denoted to strongly agree scale. The structured questionnaire contained 30statements,which also includes the various demographic characteristics like Age, Gender, andstudent’scurrent semester.

3.4. Data Collection:

Data was collected through an online and offline survey. The overall data was collected through four major cities of Gujarat State i.e.Ahmedabad, Surat, Vadodara and Rajkot. Here the students who are pursuing their

management degree from Government College, Government Aid College, Private University, and College affiliated to Government University and Autonomous Institutions are considered. Respondents were asked to give their opinion regarding the statements related to satisfaction level. We have received total 313 respondents. Out of which 100 respondents have submitted offline survey and remaining have submitted their responds through online survey. [Table 1] represents the basic demographic details of the respondents.

3.4.1. Determination of Sample Size:

According to Professor (Hair J. F., 2009) while developing measurement model with a structured questionnaire determination of sample size must be (No. Of Statements * 5). So as per the formula here there are 30 statements in the structure d questionnaire i.e. [30 * 5 = 150 respondents], we have collected data from 313 respondents. Hence, the researcher has maintained the thres hold limit while determination of sample size.

		Frequency	Percentage
Sexual Category	Boys	133	42.5
	Girls	180	57.5
Age	20-22	220	70.3
	23-24	81	25.9
	25 & Above	12	3.8
Semester	2	192	61.3
	4	121	38.7
Institute Category	SF	234	74.8
	D/GU	36	11.5
	D/PU	43	13.7

SF=Self Finance college Affiliated to Government University.
D/GU = Department of Government University
D/PU=Department/School of Private University

3.4.2. Primary Data:

According to (Malhotra & Das., 2009) primary data are devised by the research scholar for specifically for their research. Basically primary data is collected through marketing research. In this research the data is collected through structured question naire method.

3.4.3. Secondary Data:

Secondary data was assembled from relevant literature i.e. Research papers, articles, reports, websites etc.

4. Analysis:

4.1. Measurement model: reliability and validity

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		0.797
Bartlett's Test of Sphericity	Approx. Chi-Square	6331.65
	Df	300
	Sig.	0

Statistical procedures like composite reliability, convergent and discriminant validity check, are performed with the help of AMOS and SPSS. In the initial level, we conducted Exploratory Factor Analysis (EFA) on 33 statements and then converted them into smaller number of factors on the basis of factor loadings. All the statements with loadings having values more than 0.55 only those values is considered for the study and the remaining values were removed due to low factor loading (less and equal to 0.55).

To assess the soundness and appropriateness of the data collected the researcher has applied Kaiser-Meyer-Olkin (KMO) and to test the adequacy the Bartlett's Test of Sphericity measure is applied. The KMO measure of sampling adequacy may be a data point that indicates the proportion of variance within the

variable that might be caused by the reduced factors. (Kaiser & Rice, 1974) endorsed that a minimum threshold of 0.5 and the values less than 0.5 are not acceptable, and values between 0.5 and 0.7 are adequate to take any with the analysis (Hutcheson & Sofroniou, 1999). The high worth of KMO (0.930) indicates that an element analysis is very useful for the information being employed in this study. The KMO figures offer robust evidence for sampling adequacy for this information. Similarly, the importance worth for Bartlett's stake a look at of Spheri city

Correlation Matrix Determinant = E = 0.002

The determinant of the Correlation Matrix is 0.001 that is higher than the threshold value 0.00001 and therefore, there is no multi collinearity in the data. (Alin, 2010)

4.2. Exploratory Factor Analysis (EFA):

According to (Kinnea & Gray, 2015) the rudimentary intent of exploratory analysis is to evaluate the independent factors that elucidate the correlations. In this case, items are by and large reduced to commonly correlated and with some meaningful dimensions with a very small amount of information loss explaining as much as possible variance of original items. According to (Cooper & Schindler, 2008) is a method of working used for specific computational modulus operandi. These factors, also called latent variables are used when things are generally hard to measure straight like support, attitudes and feelings. This is one of the ways to explain the relationships between variables by merging them into smaller number factor. (Zikmund, Carr, & Griffin, 2013)

1.1. Factors Naming with related statements:

Table 3							
Total Variance Explained							
Statement No.	Factor loading	Eigen value	EV	Anti-Image	AVE	Cronbach's Alpha	CR
S7	0.865	6.629	26.516	0.808	0.65	0.79	0.74
S8	0.856			0.85			
S9	0.848			0.835			
S4	0.814			0.841			
S2	0.783			0.809			
S1	0.64			0.788			
S29	0.865	3.668	14.674	0.805	0.61	0.74	0.76
S26	0.823			0.822			
S30	0.797			0.76			
S28	0.776			0.841			
S21	0.731			0.835			
S14	0.695			0.746			
S3	0.854	2.689	10.756	0.736	0.64	0.82	0.78
S5	0.823			0.791			
S11	0.812			0.801			
S22	0.727			0.733			
S18	0.895	2.056	8.223	0.773	0.7	0.78	0.73
S15	0.879			0.694			
S12	0.818			0.747			
S13	0.741			0.759			
S20	0.798	1.89	7.559	0.74	0.54	0.73	0.76
S24	0.752			0.748			
S23	0.715			0.873			
S19	0.673			0.874			

Factor1: Faculties capabilities and Support [FS]– Statements Related:-S1,S2,S4,S7,S8,S9

Factor 2: Institutional Educational Environment [IEE]– Statements Related:-S14,S21,S26, S28,S29, S30

Factor3: Individual Growth [IG]– Statements Related:-S3, S5,S11,S22

Factor4: Internal Infrastructure & Support Staff [ISS]– Statements Related: -S12,S13,S15,S18

Factor5: College Brand Image [CBI] –Statements Related:- S19,S20,S23,S24.

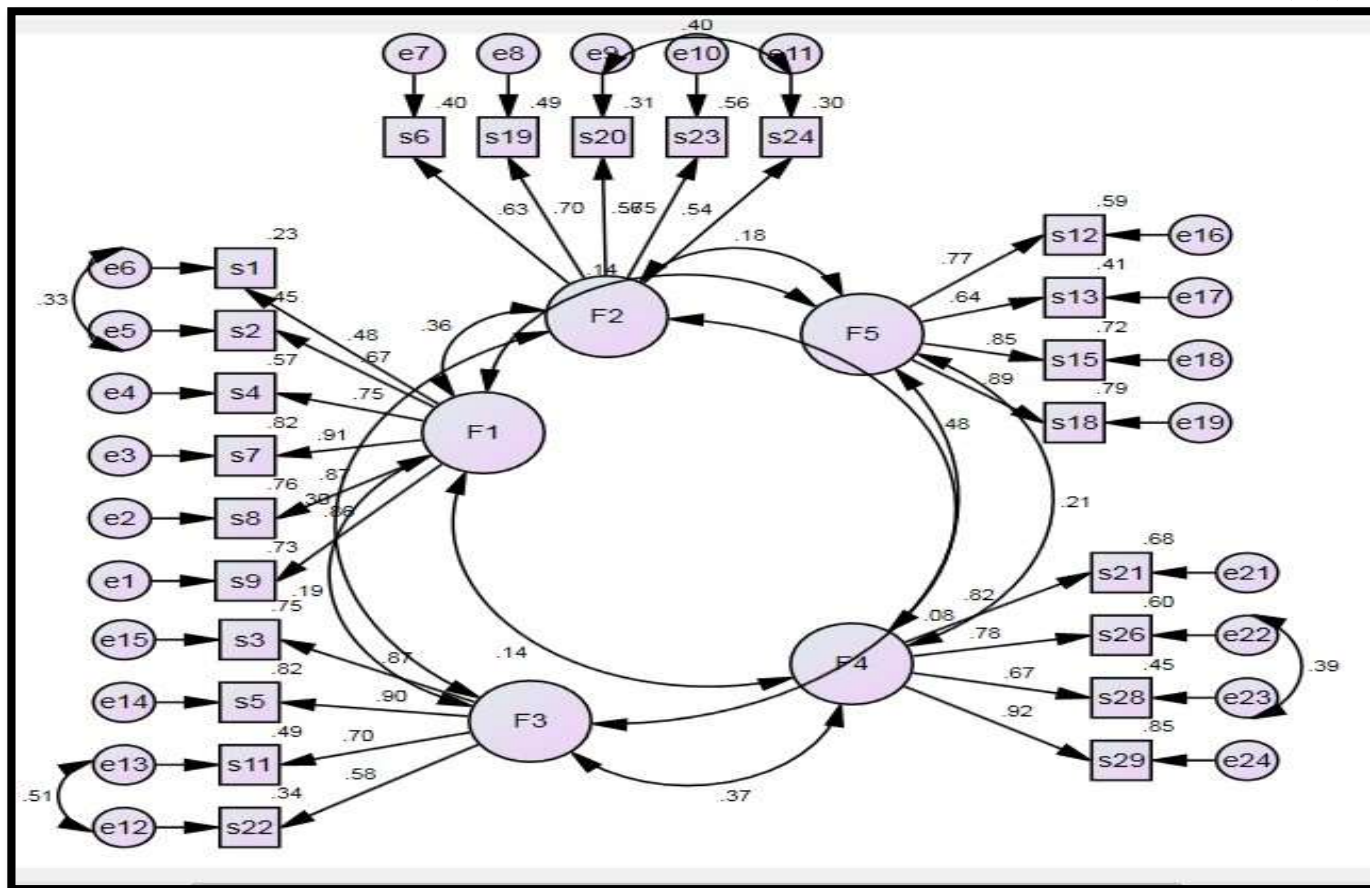


Image1: CFA Model

1.2. Factor Loading & Eigen Value:

For elucidation of the factor interpretation, (Kinnear, Gray, & Kinnear, 2010) recommend to mention about the factor loadings. Factor Loadings indicate the relationship between each variable and the factor. Loading indicate the degree of resemblance between the variable and the factor, with higher loadings making the variable representative of the factor. Factor loading of ± 0.30 to ± 0.40 are minimally acceptable, values greater than ± 0.50 are generally considered necessary for practical significance. Some of the variable is found to have more than one significant loading is termed as Cross-Loading. Such type of the variables should be eliminated from the analysis so as to simplify the factor structure (Hair J. , Black, Babin, & Anderson, 2010) According to the (Hair J. F., 2009), there is no specific rule in selecting the rotation method, therefore, the VARIMAX rotation method selected while performing the exploratory factor analysis. Principal Component Factor Analysis method is adopted for while performing the factor analysis. The objective for the selection of this method is to summarize most of the original information (variance) in a minimum number of factors for prediction purposes. With component analysis each variable contribute a value of 1 to the total Eigen value. Thus, the factors having Eigen values greater than 1 are considered significant.

1.3. AVE (Average Variance Extracted):

Average variance extracted (AVE) is a measure of the amount of variance that is captured by a construct in relation to the amount of variance due to measurement error. AVE is well below the conventional threshold of 0.5. Work out the Mean (the simple average of the numbers) then for each number: subtract the Mean and square the result (the squared difference). Then work out the average of those squared differences. (Fornell & Larcker, 1981). In Table no. 02, AVE for Faculty Support [FS] is (0.65), Institutional Educational Environment [IEE] is (0.61), Individual Growth [IG] is (0.64), Internal Infrastructure & Support Staff [ISS] is (0.691), and College Brand Image [CBI] (0.541).

1.4. Anti - Image:

Table2 represents correlation values of factors of employe eadiness for change. As all the variable sare having partial correlation values higher than the 0.5 and hence it can be interpreting that all thefactors affecting student satisfaction level have practical and statistical significance and data issuitablefor performingfactor analysis.

1.5. Relationship among variable:

To test the proposed relationship among the variables, regression weights should beanalyzed. Table 4 shows the Amos output and on the relationship.

Table 4				
Relationship among variables				
Hypothesized Relationship	Estimate	S.E.	C.R	P
Faculties Identifies Strength and Weakness <--- FS	1			
Faculties Illustration concepts through Examples <--- FS	0.88	0.039		***
Expectations From Students Explained by Faculties <--- FS	1.073	0.045		***
Teaching and Mentoring Process <--- FS	0.687	0.039		***
Teaching Course Effectively <--- FS	0.662	0.044		***
Lectures are proficient <--- FS	0.525	0.053		***
Assignment Feedback Discussion <--- IEE	1			
Value of Education <--- IEE	0.9	0.087		***
Scheduled Time Table <--- IEE	0.93	0.106		***
Formulation of Uniform Policy <--- IEE	1.141	0.106		***
Implementation of Uniform Policy in College <--- IEE	0.815	0.095		***
Career Safety through Effective Course <--- IG	1			
Inculcate Soft Skills and Employability Skills <--- IG	1.364	0.092	14.85	***
Internship and Student Exchange programme <--- IG	1.761	0.147	12.012	***
Multiple Opportunities to Grow <--- IG	1.788	0.149	11.961	***
Helpful Academic Committee <--- CBI	1			
Helpful Campus staff <--- CBI	0.714	0.056	12.682	***
Well Maintained Facilities <--- CBI	0.999	0.058	17.242	***
My College classroom <--- CBI	1.078	0.061	17.812	***
Responsibility with freedom <--- ISS	1			
Online Teaching Aids <--- ISS	0.91	0.053	17.243	***
Medication Facilities at college <--- ISS	0.757	0.053	14.175	***
Reputation of college <--- ISS	0.822	0.041	20.273	***
*** - p<.01 , ** - p < .05, * - P <.1				

Source: AMOS Output

From the above table it can be said that all the variables are having significant impact in factors.

- The First factor Faculty Support [FS] is significantly supported with the statements like proficiency of lectures, explanation method ology off aculties, conceptualization. Off a culties, the faculties identifying the strengths,teaching and mentoring process.
- The Second factor Internal Educational Environment [IEE] is significantly supported with state ments

like feeling safe at campus, and to fulfil the responsibilities in required freedom, using online resources to learn quickly.

- The Third factor Individual Growth [IG] is also significantly justified with the combination of statement stating Institute helping the student for internship, student exchange programmes, institutes providing multiple opportunities to learn and grow, efforts for enhancing soft skills and employ ability skills.
- The Fourth factor Internal Infrastructure & Support Staff [ISS] is significantly supported with statements like academic committee is helpful to them, classroom are well equipped, and the administrative staff is also helpful to them.
- The Fifth Factor College Brand Image [CBI] is also significantly justified with the combination of statement stating the college reputation is effecting to the students alot, the course they are learning is giving them value for the money spend by them in colleges, the policy implementation at college are also building a clear image in the mind of students and their parents.

1.6. Model of Fit Indices:

For test of offered model, a structural equation of the models (SEM) is applied. SEM - it statistical method of simulation they are applied widely in behavioral sciences which represents combination the principles of confirmatory factorials analysis, in order to explain in terrelation amongs ta different variables it is considered in research. The model fit is evaluated with the aid of criterion statistics, such, as CMINIDF (attitude chi-square value to his degrees of freedom), RMSEA (Root-mean-square approximation errors), GFI, NFI, RFI, CFI (comparative you will establish index), NFI (Rationed you will establish index). Offered model was tested with the aid of Amos.

Table 5			
Model of Fit Indices			
Index	Value	Interpretation	References
CMINIDF	2.87	Good fit (should be less than 3)	(Bentler & Paul, 1996)
GFI (Goodness of Fit Index)	0.9	Good fit (should be more than 0.90)	(Hair J. F., Black, Babin, & Anderso, 2011)
NFI (Nonned Fit Index)	0.91	Good fit (should be more than 0.90)	(Bentler & Paul, 1996)
RFI	0.92	Good fit (should be more than 0.90)	(Bentler & Paul, 1996)
CFI	0.91	Good fit (should be more than 0.90)	(Bentler & Paul, 1996)
RMR	0.08	Good fit (should be less than 0.08)	(Hu & Bentler, 1999)
RMSEA (Room Mean Square Error Approximation)	0.08	Good fit (should be less than 0.08)	(Hu & Bentler, 1999)

Source: AMOS Output

NFI should be as less as .80 (Hooper, Coughlan , & Mullen, June 2008).. Note: CMINIDF is the ratiobetween chi-square and degrees of freedom; GFI: Goodness of Fit Index; AGFI: Adjusted Goodness of

Fit Index; CFI:Comparative Fit Index; NFI: Normed Fit Index; RMSEA: Root Mean Square Error of Approximation. (Singh, Sinha, & Francisco , 2020)

The construct and their items loading are shown in Table 3 and Indices fit criteria of the structural model are shown in Table 5. All the values are above the accepted levels and support past findings. Composite reliability (CR) is greater than 0.7; average variance extracted (AVE) is greater than 0.5. (Singh, Sinha, & Francisco , 2020)

Fornell-Larcker criterion: Correlation matrix of constructs and square root of AVE (in bold).						
	FS	IEE	IG	ISS	CBI	OFS
FS	0.806					***
IEE	0.359	0.78				***
IG	0.188	0.304	0.8			***
ISS	0.14	0.479	0.367	0.834		***
CBI	0.14	0.179	0.082	0.215	0.735	***

Authors’ survey,
 ***p<0.01, **p<0.05, *p<0.10; diagonal bold values are square root of average variance extracted.

In conclusion, measurement and structural model demonstrated good model fit, reliability, convergent validity and discriminant validity. Table 6 explains the correlation between various factors and square root of average variance extracted (AVE) for each construct. The square root of each factor's AVE is greater than its corresponding correlation coefficients with other factors. Hence, it shows good discriminant validity. (Singh, Sinha, & Francisco , 2020)

2. Results:

2.1. Hypothesis Testing:

After evaluating reliability and validity of the measurement scales, the research hypotheses were tested, based on review of literature. To determine the significance of each hypothesis path, standardized estimates and t-statistics of every path was considered using structural equation modeling (SEM).

Number	Hypothesis	Path	Sig.	Supported
H1	FS → SS	0.291	0	Yes
H2	IEE → SS	0.124	0	Yes
H3	IG → SS	0.155	0	Yes
H4	ISS → SS	0.156	0	Yes
H5	CBI → SS	0.365	0	Yes

In this case H1 – faculties’ capabilities and support had direct and positive relationship over student satisfaction. [$\beta = 0.291$ p < 0.0001], this is the result which is also in alignment of the previous results.

H2 – was also confirmed that institutional educational environment have positive and significant impact on student satisfaction [$\beta = 0.124$, p < 0.0001]. (Sumaedi, Bakti, & Metasari, 2012) (Yusoff , Fraser, & Helen , 2015)

H3– the third hypothesis consist of individual growth is also contributing significantly and positively on the overall students satisfaction of the management program. [$\beta = 0.155$, p < 0.0001]

H4 – Internal Infrastructure and support staff having direct and positive relationship over student engagement. [$\beta = 0.156, p < 0.001$]

H5 – College Brand Image is the most significant factor having direct and positive relationship over the student satisfaction [$\beta = 0.365, p < 0.0001$]

3. Discussions, Theoretical, Practical Contributions and Policy implications.:

Firstly, this is unique attempt to identify and validate the factors, which are having significant impact on the student satisfaction. This study demonstrates the importance of the factors like Faculties capabilities and Support, Institutional Educational Environment, Individual Growth, Internal Infrastructure and Staff support and College Brand Image. All the factors are having significant relationship with student learning which ultimately leading to student satisfaction.

3.1. Theoretical Contribution:

From the above study, it can be said that students will be attracted towards the organization more where they will be finding Career Safety and it can be related to Individual Growth. Along with the Career Safety, the faculty support will be significantly important for the student satisfaction. The faculties are the persons who will clearly communicate with them regarding the things are being expected from the students and they will help them with the necessary teaching aids. Not only the faculties support but the capabilities of faculties are also equally important for the student's satisfaction.

College Brand Image is always playing an important role while students are selecting the institute prior to admissions. In addition, Brand Image of the college is totally depending on the faculties and the placement opportunities that will be provided by the college to students. So, to maintain the College Brand Image and attracting more and more students towards the institute it is very much necessary for the college to maintain all the above factors in synchronization. As above all factors are significantly having impact on the overall student satisfaction.

So, from the above study we can easily conclude that these all factors are inter related with each other and all factors are having significant contribution in measuring the student engagement towards a management institute.

3.2. Practical Implication:

From the above theoretical implication, the college can implement all the factors or can change the pattern of implicating all the factors in their intuitions. If we talk about Faculties Capabilities and support then they can ask the faculties to adopt the latest pedagogy, which might include case studies, group discussions and augmented learning. Faculties can include the students into the research work and help students to contribute more to practical work rather than just working with the min classes and giving presentations.

The internal staff support is also very important as internal staff, which is generally related to Admin Staff. The internal policy and college policy will be easily explained by the admin staff only. If they are cooperative and making the policy understanding easy for the students, it will be a great help to the student. Their more complex replies from the admin staff and the more different replies from them make student more and more uncomfortable with the college environment.

Most importantly, College Brand Image is ultimately going to play a significant role in student satisfaction. College brand image can be easily maintained with positive word of mouth from the alumni students of the college. The Students will remain loyal to college only if they are highly satisfied with the above factors which include above all factors like faculty's capabilities and support, individual growth, internal educational environment. And when the students remain loyal to institution definitely they will spread a positive word of mouth.

3.3. Policy Implications:

The study makes us understand the satisfaction level of management course aspirants. The students are more concerned about their careers so they choose the course, which gives them the career safety. In the master degree and they can stand in the competitive world. Therefore, through this study, some of the students are satisfied and some of the students are dissatisfied by this course due to certain factors. Different factors affect the satisfaction level of the students. The higher management institutes could use this paper as a base to identify the factors that lead to student satisfaction. Considering the competitive environment amongst the educational institutes, it becomes very necessary for the institutes to attract quality students for their courses. However, what motivates students towards selection of good institute can be inferred from this study.

The management institution be it any Government university, any private university or an autonomous institution, they have to think about the betterment of the student. Students are keeping their all faith at institution at the time of choosing any management course, and then it becomes the responsibility of the institutes to fulfil the dream and desire of student in terms of individual growth. The ultimate expectation of the student from the institute where he is finalizing to take admission is to receive the good placement so that they can have good career opportunities. The faculties should also have to be that much flexible and well equipped by knowledge wise that they can make the students accustomed to the latest trend in their respective subject area. The studies is also signifies that not only college brand image but faculties support and capabilities, knowledge is also equally important for the student while making a choice for their institute for any management program.

Conflict of Interest:

The authors confirm that there is no conflict of interest to declare for this publication

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4. References

- Alin, A. (2010). **Multicollinearity. Wiley Interdisciplinary Reviews: Computational Statistics, 2(3).**
- Bentler, P. M., & Paul, D. (1996). "Covariance structure analysis: Statistical practice, theory, and directions." . *Annual review of psychology, 563-592.*
- Churchill Jr, G. A., & Superenant, C. (1982). **An investigation into the determinants of customer satisfaction. Journal of Marketing Research, 19 (4), 491-504.**
- Cooper, J., & Schindler , M. (2008). **Perfect Sample Size in Research. New Jersey.**
- Cronin Jr , J. J., & Taylor, S. A. (1992). **Measuring service quality: a reexamination and extension. Journal of marketing, 56(3), 55-68.**
- Crosby, L. A. (1991). **Building and maintaining quality in the service relationship. Service quality: Multidisciplinary and multinational perspectives. 296-287.**
- El Abbadi , L., Bouayad , A., & Lamrini, M. (2013). **ISO 9001 and the Field of Higher Education: Proposal for an Update of the IWA 2 Guidelines. Quality Approaches in Higher Education, 4(2), 14-19.**
- Fornell, C., & Larcker, D. F. (1981). **Structural equation models with unobservable variables and measurement error: Algebra and statistics.**
- Gray , J. A., & DiLoreto , M. (2016). **The effects of student engagement, student satisfaction, and perceived learning in online learning environments. International Journal of Educational**

Leadership Preparation, 11(1), n1.

- **Hair, J. F. (2009). Multivariate data analysis.**
- **Hair, J. F., Black, W. C., Babin, B. J., & Anderson, R. (2011). Multivariate Data Analysis. New Jersey: Prentice Hall.**
- **Hair, J., Black, W., Babin, B., & Anderson, R. (2010). Multivariate data analysis (7th ed.). New Jersey: Prentice Hall Inc.**
- **Hooper, D., Coughlan, J., & Mullen, M. (June 2008). Evaluating model fit: a synthesis of the structural equation modelling literature. In 7th European Conference on research methodology for business and management studies, (pp. 195-200).**
- **Hu, L. T., & Bentler, P. M. (1999). Cutoff criteria for fit indexes in covariance structure analysis: Conventional criteria versus new alternatives. Structural equation modeling: a multidisciplinary journal, 6(1), 1-55.**
- **Hutcheson, G. D., & Sofroniou, N. (1999). The multivariate social scientist: Introductory statistics using generalized linear models. Sage.**
- **Kaiser, H. F., & Rice, J. (1974). Educational and psychological measurement, 34(1), 111-117. Little jiffy, mark IV.**
- **Kinnea, P. R., & Gray, C. D. (2015). PASW statistics 17 made simple. New York: Psychology Press.**
- **Kinnear, P. R., Gray, C. D., & Kinnear, P. R. (2010). PASW statistics 17 made simple. New York: Psychology Press.**
- **Kotler, P., & Levy, S. J. (1969). Broadening the concept of marketing. Journal of marketing, 33(1), 10-15.**
- **Kwek, C. L., Lau, T. C., & Tan, H. P. (2010). Education quality process model and its influence on students' perceived service quality. International Journal of Business and Management, 5(8), 154.**
- **Letcher, D. W., & Neves, J. S. (2010). Determinants of undergraduate business student satisfaction. 6,1. Research in Higher Education Journal,**
- **Malhotra, & Das. (2009). Marketing Research - An Applied Orientation, 5th Edition. Pearson Education Inc. Pearson Education Inc.**
- **Ravindran, S. D., & Kalpana, M. (2012). Student's expectation, perception and satisfaction towards the management educational institutions. Procedia Economics and Finance, 2,, 401-410.**
- **Sakthivel, P. B., Rajendran, G., & Raju, R. (2005). (2005). TQM implementation and students' satisfaction of academic performance. The TQM magazine.**
- **Sander, P., Stevenson, K., King, M., & Coates, D. (2000). University student's expectations of teaching Students in Higher Education. Studies in Higher Education, 25(3), 309-329.**
- **Singh, N., Sinha, N., & Francisco, J. (2020). Determining factors in the adoption and recommendation of mobile wallet services in India: Analysis of the effect of innovativeness, stress to use and social influence. International Journal of Information Management.**
- **Sumaedi, S., Bakti, M. Y., & Metasari, N. (2012). An empirical study of state university students' perceived service quality. Quality Assurance in Education.**
- **Yusoff, M., Fraser, M., & Helen, W. (2015). "Dimensions driving business student satisfaction in higher education." Quality Assurance in Education. doi:https://doi.org/10.1108/QAE-08-2013-0035**
- **Yusoff, M., McLeay, F., & Woodruffe-Burton, H. (2015). Dimensions driving business student satisfaction in higher education. Quality Assurance in Education.**
- **Zeithaml, V. A., Parasuraman, A., & Berry, L. L. (1990). Delivering quality service: Balancing customer perceptions and expectations. Simon and Schuster.**
- **Zikmund, W. G., Carr, J. C., & Griffin, M. (2013). Business Research Methods. Cengage Learning.**