

ROLES OF HIGHER EDUCATION INSTITUTIONS IN THE DEVELOPMENT OF ENTREPRENEURSHIP AND START-UP ACTIVITIES IN INDIA

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Abstract

Now-a-days education system is most important compare to anything, because an education system can change anything in the world, that's why all the countries focuses more on improving the education standards and provides many sufficient cares on it. An Indian education system need to attain certain changes to improve the standardization based on real-world working scenarios. The teaching methodology and the syllabus coverage over the higher education system mainly focus on the career of getting good job with higher salary structure. But the Government needs to know, the country will be developed only based on the business growth instead of paying the taxes to the country. This is the reason all the countries change over the syllabus based on entrepreneurship development and associated activities. The major objective of this paper is to highlight the importance of entrepreneurship enhancement over the higher education system and focuses on the importance of establishing and creating the start-ups to such system. This paper is organized based on several literature studies and the impact of past surveys, that all will be clearly demonstrated over the literature survey given over the following section. The proposed paper illustrates logic of enhancing the entrepreneurship oriented studies in higher education followed over the institutions and how they provide such systems to the students to enhance their career. This proposed paper creates an illusion to the minds of institution and students to make their way based on entrepreneurship instead of searching for the job and job security, which will automatically improve the country in parallel.

Index Terms—Higher Education Institution, Entrepreneurship, Start-Up, Institution Standards, Global Mindset Development, Education System and Review.



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I. INTRODUCTION

A higher education system is considered to be the most important way of sharpen one's life in good way. The development of all countries is based on the development of education system and its power. No country can attain benefits based on the working culture of the people instead all will getting empower based on the companies and organization development over the country, which will automatically leads the employment as well as leads a way to the growth of the country. For example the institution makes a career to the student based on searching good job and settled in his/her career means, the student will grow only based on job searching and make their mindset based on job security and job assurance. Their tax will

only be acting as a part to the country development, instead the particular same institution develop the student mind based on entrepreneurship as well as providing ideas to start-up his/her own company means, the student life will be changed after few years of teaching and he/she will be eager to start their own concern and providing job to the local people, so, that the tax will be on the same place and employment is also generated on the same place, which will improve the particular location as a enhanced and improved place in the country. Think like all the institutions develop their student based on such way means, the total environment will be changed and the nation will automatically improved parallel.

In the year of '1972', many conference and industrial meetings are held on and the international standard of human environmental commission gave a statement like, all countries should encourage their institution standards based on the entrepreneurship basis not study and write-up basis also allow them to explore multiple opportunities through intern to other companies while studying the syllabus. These marvels offered ascend to a progression of themes for conversation; for example, the Belgrade' Charter in 1975' called attention to those ecological issues could be distinguished and afterward forestalled or potentially comprehended through higher-education system. Since '1975', the United-Nations-Educational-Scientific and Cultural Association presented the International-Environmental-Education-Program ('IIEP') to the global network and arrange different kinds of higher-educational exercises with respect to setting future ecological training outline. In '1987', UNESCO' considered a worldwide gathering in 'Moscow' that would point out higher education system and its growth and would set up components for a global education and preparing activity plan for the 1990's. This enhances the significance of supportability in higher education system. All the institutions are required to enhance their growth to develop the students based on entrepreneurship oriented and allow them to explore more on industrial nature as well as encourage them by introduce to them a new way of startup ideas. This would shine them and shape them to develop their own concern and acting as a boss to the industry instead of working as a labour in other's concern.

II. SYSTEM OBJECTIVES

The major objectives of the paper are described as follows. The role of higher education over industry is the non-avoidable factor, which focuses on improving the student ability to make shine in their life. But the institution needs to adapt them in real-time exposure and

allow the students to grow accordingly as well as train the students based on the entrepreneurship based learning materials. The main motto of this paper is:

- To develop a student as a boss instead of working to other's concern.
- To provide a new methodology for improving the education standards over institution.
- To create a mind set to students and learners of enhancing important entrepreneurship skills to their career.
- To fix the mind of students based on the country growth, which will be happened only by means of development of multiple organizations and concerns developed over the country.
- To provide an illusion to the student's mind to provide a job to multiple people around the world, instead of searching a new job and run for job security.

This all will be the intense to the proposed paper and these all objectives are achieved by means of new methodology called, Improved Entrepreneurship Skills over Student Minds (IESSM), which will be discussed in detail over further sections.

III. PROBLEM STATEMENT

The higher education's goals are always used to achieve their aim in industrial or service basis in usual manner. This is the natural way to all students to get their career by studying higher education and search for the good job as well as aimed to attain the good salary package with job security. This scenario causes huge destructions over the country growth, especially in India; most of educational institutions raise their students mindset based on the employment nature, instead of creating them into the entrepreneurship nature. All the syllabus and training methodologies available in now-a-days portraits the way to attain a good job with higher package levels instead to shine their mind in an innovative way. But all should keep one strong thing in mind before choose the way of working, smart work stands tall compare to all others. This is what happened into the most of the Indian institution's higher education system, which tries to make all the students as an employee to the corporate companies. This is initially looking good for few years to attain all their needs and satisfying some relations in certain level of commitments. However, the concept of creating the illusion over student's mind is different than the making of students as a employer to other corporate. The institutions are required to change the way of training and provide sufficient learning space to students to learn regarding the industrial procedures and allow them to see the real-world happenings, issues and the problem solving skills, which will make their mind into

next level of thinking as well as this kind of nature creating a confidence level to the student's mind.

The proposed paper is intended to create logic to enhance the higher education system over Indian institutions in the development of entrepreneurship as well as providing start-up ideas to students to make them as a boss instead of working for others. The proposed methodology of Improved Entrepreneurship Skills over Student Minds (IESSM) provides a unique rule to the students, learners and training candidates to the institutions as to work for your company and improving the nation in parallel by means of several ideologies such as: (i) Work as an Intern; Learn as a Boss, (ii) Identifying the Problem over Industry, (iii) Develop the Skill set based on the requirements of present situation and (iv) Start your own Start-Up Concern. These all strategies will be explained clearly on the following methodologies section.

IV. METHODOLOGY

This proposed methodology of Improved Entrepreneurship Skills over Student Minds (IESSM) follow several standard existing principles introduced by Denyer'&Tranfield over the year of 2009' (Denyer' et al., 2009) as well as these logics are highly appreciateable and applied all these standard principles over higher education system of India, which is happed over 2015' (Ceulemans' et al., 2015). This proposed methodology follows several improved steps to take care of the higher education system improvement process.

- (i) Query Generation,
- (ii) Identifying the Study Logics,
- (iii) Select Appropriate Studies and Investigate on it frequently,
- (iv) Analyzation of Selection, and
- (v) Reporting the details properly for future clarifications.

(i) Query Generation

The process of Query Generation leads a student in an innovative way, in which the students are assisted in real-world concern as a intern or trainee, there the student can get more ideas regarding the working environment. In this situation all those working nature raises different queries over his/her mind to deal with. This will shape their mind easily as an entrepreneur instead of employee, as well as this habit improves their work level as a boss not as an employee.

(ii) Identifying the Study Logics

The process of studying different subjects and syllabus is not only enough to the student or learner to fulfill his/her knowledge. Instead of studying different subjects, identifying which subject or syllabus is suitable to cope up with his/her mind is the best way to train the students. All the institutions are required to raise the way to allow students to identify the correct path to their career and select the subjects accordingly and carry over their studies further on the same selection criteria, which will enhance the career with more brightness.

(iii) Select Appropriate Studies and Investigate on it frequently

Apart from the subject knowledge industrial experience teach more things to students in live manner, so, that all the institutions follow the logic to train the students over industrial place with proper permissions and if possible make their own industry and develop products in the concern of students. Also allocate some specific time slot to students to act as a intern to the own concern held by the respective institution, which will allow the student to select the pathway to their career.

(iv) Analyzation of Selection

Real time problem analysis and solution estimation are the most complex tasks over industry. So, the institutions need to devise a plan to allow students to make a own product plan based on their selection of subject over Step-III. As well as allow them to start the analyzation of such product over the industry environment. The process of analyzing is identifying such product is already available in industry or it will be the new product, analyze the needs of the product in real-time, analyze the age groups to be suitable to the product and analyze the marketing strategies for the product. This all will be clearly analyzed before to start the new things over real-time environment and institutions create several sessions based on this kind of logics to shape their students.

(v) Reporting the Details Properly for Future Clarifications

The process of documentation is most important in all case studies, which is like a report to provide sufficient information regarding the implemented products or projects in brief manner. Suppose the employee of the particular organization or the particular product is quitting their job means, the created documentation/report provides sufficient knowledge regarding the implemented product in deep manner, so, that the way of reporting is must in all product development over the industry. So, that the institutions guide the students to make the respective documents according to the requirements. The following summary will provide

the detailed summary of ideologies to institution to explore more opportunities to create a student as an entrepreneur.

A. *Work as an Intern*

Basically all the students today thinks like a boss and acts smart to manage all the works by means of allocating it to others instead of doing it by own. This nature eliminates the power of knowledge and diminishes the quality of training. So, all the institutions assign their students as a intern to the created own concern or allow them to work as a intern to outside concerns for a while.

B. *Learn as a Boss*

While working as an intern over other companies or organizations (Step-A), instead of assigning work to others try to handle all works and participate yourself in all fields, which will make one's mind in next level. This attitude is like a boss, which allows learning more in industry and creates a vision to manage all situations with more intelligence. So, study like a boss to the concern and work as like an intern.

C. *Identifying the Problem over Industry*

While working into an industry try to identify the problems over the work in personal and most importantly solve it as soon as possible by your own instead of getting others help continuously. At the first time, get help from others is not an issue, but it will continue means, the problem solving nature will reduce further. So, better all the institutions creates a way to attain different problems in their ideology and allow them to solve the problems based on their skill set, which will encourage them to work more.

D. *Develop the Skill set based on the requirements of present situation*

After attaining all the skill sets and completed the product, the industry is changed and requires a new product means, the total effort will be waste. In this situation, the student mind set will getting down in deep. So, the institutions train the students or learners based on present level skill set and allow them to update the skill set daily based on the new needs as well as make them as up to date for new inventions.

E. *Start Own Start-Up Concern*

The final stage of the creation is making the student to create a own concern. All the institutions need to provide permission and provide a way to start their own concern in simple way, which will be easy to create a concern based on the student name or with respect to others such as his/her mother or father. The following Government official link enables more

ideas and creating a own concern in Small Scale Industrial level even a minute. Refer: <https://udyamregistration.gov.in/Government-India/Ministry-MSME-registration.htm>. In future the link may vary with some updations, but the concepts are same.

V. RELATED STUDY

In the year of 2017, the authors "Agiomirgianakis' et al.," (Agiomirgianakis' et.al. 2017) proposed a logic regarding economic part impactness of distance education universities over the country. In this paper (Agiomirgianakis' et.al., 2017), the authors presented a new way to summarize the logic of impact to improve the economic level through higher education system. The higher education system needs are mostly summarized in detail with this paper and illustrates the basic need of education system and what are all the impact attained through the learning system. The importance of distance education for rural people is also discussed and summarizes these studies with proper resulting scenario in evaluation part. This all research was conducted based on the 'Hellenic-Open-University' and providing the related summary accordingly. This paper proved the logic and importance of higher education system over the industry as well as the impact of higher education is high compare to all other productive skills in nature. That is the reason the authors took this challenge and proves distance education is also an important medium to carry over the education process on next level.

In the year of 2015, the authors "Alves,J'Carvalho, et al" (Alves,J'Carvalho, et.al., 2015) proposed a paper with respect to an importance of polytechnic colleges and their impact over the local economy. Higher-education foundations especially, polytechnic-colleges in 'Portugal' are usually perceived as the key partners in local turn of events. Nonetheless, because of the monetary downturn of ongoing years and the ensuing spending requirements, advanced education establishments like never before need to show the social and social effect of their events inside their networks and their commitment to its economical-development. The point of this paper (Alves,J'Carvalho, et.al., 2015) is to assess the monetary effect of a gathering of polytechnic-colleges situated in areas with differing financial qualities utilizing a typical approach. This basic system empowers a similar report and a superior recognizable proof of the factors that separate the various areas, the individual polytechnics and their effects. This paper portrait the necessities of higher education with strong basement of such education system needs a proper polytechnic or relevant education, which will improve the student mindset from scratch and makes them shine more.

In the year of 2017, the authors "Banks' et al." (Banks'et al., 2017) proposed a paper regarding the improvements of grouping and community-enhancement organizations based on educational research assistance. In this paper (Banks'et al., 2017), the authors focus much in providing industrial experience to students and based on that improving the mindset in high manner. The problem of present education system is avoiding the student to communicate more on others, instead of that, the institutions allow the students to sit on the respective classes only and learn whatever the trainer teach. In this paper (Banks'et al., 2017), the system allows the students to create a proper group to establish their requirements and search for the relevant concern as well as getting proper permissions to work over the concern to attain more ideas based on that. This properly enhances the mind set of students to innovate new ideas with group strength and technological-community enabled environment leads a way to innovate new technologies. This kind of institutional development schemes enhances the power of country growth simultaneously and improves the knowledge level in next streams as well as allows students to act as an entrepreneur.

VI. PROPOSED METHODOLOGY EVALUATION

The proposed methodology called, Improved Entrepreneurship Skills over Student Minds (IESSM) is evaluated under different constraints such as an impact over the real-world situations, needs to take such action to attain the development goals of India and the educational development concert over years. The proposed methodology of IESSM improves the entrepreneurship based learning and provides a solution to the problems occurred over real-world environments as well as assists many ways to institutions to enhance their features. The following figure, Fig.1 illustrates the impact of proposed methodology IESSM.

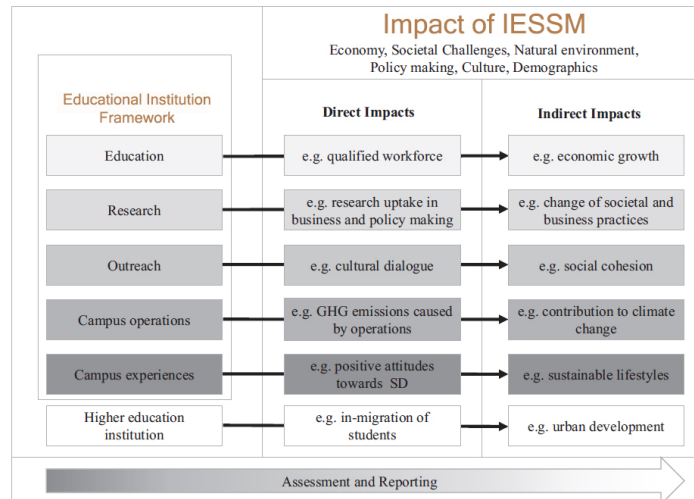


Fig.1 Proposed System IESSM - Impact Framework

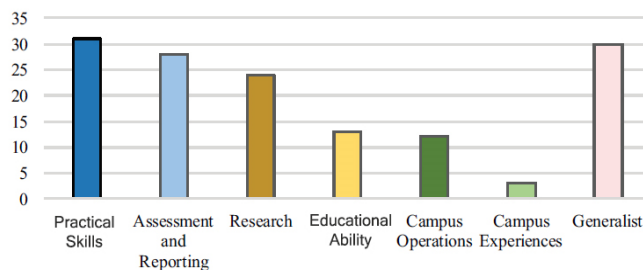
The following table Table-1 shows the proposed system needs to take an associated action related to higher education system and that leads to attain the following development goals of India, which is clearly mentioned in the following table.

Table-1: Goals Achieved based on Proposed Scheme

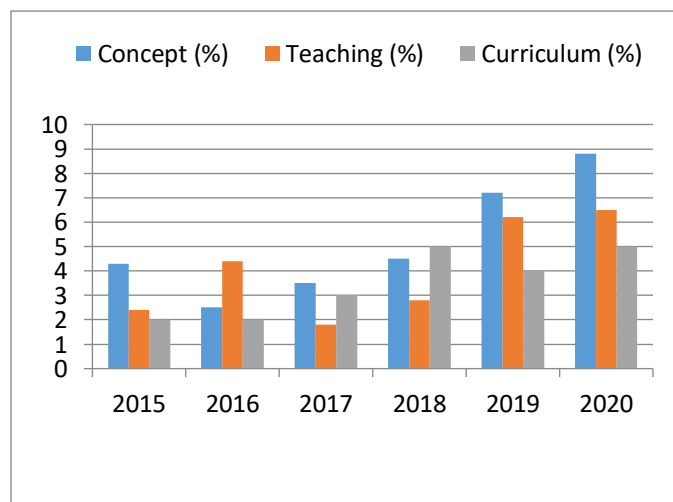
S.No.	Goal to be Achieved based on the IESSM
1.	Eliminate the poor-people scenario in an environment by means of creating the industries and educate the students on higher studies based on entrepreneurship level, so that there is mean for poverty.
2.	Eliminate the dependency. This proposed system leads all the institution in good manner, in which it creates many sources in India, so, that no need to dependent on other countries.
3.	Creates an illusion over the industry and make money and circulate the money within our country instead of circulate with other countries. So, that the money transperance level of India will be improved.
4.	Attain the quality of improvements over gender wise and encourage all girls to make their own concern and work for them.
5.	Make sure regarding the plan of developing new products and ensure the innovations in it.
6.	Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation.

7. Reduce inequality within and among countries.
8. Make cities and human settlements inclusive, safe, resilient and sustainable.
9. Ensure sustainable consumption and production patterns.

The following figure, Fig.2 shows the Indian higher educational content and concert development over different years from past to now, in which it shows the comparison between many year periodical releases of articles and the quantity is shown via graphical manner.



(a)



(b)

Fig.2 (a) Ratio of articles-published with core elements and (b) Number of article variations over years with respect to concept, teaching and curriculum.

VII. CONCLUSION

The proposed methodology of Improved Entrepreneurship Skills over Student Minds (IESSM) is helpful to analyze the needs and importance of higher education system with respect to entrepreneurship and its role intellectually with practical evaluations. This system is intended to portrait the role associated with the higher education system in India over entrepreneurship and assists with many suggestions to the institutions to encourage their students based on the development skills and real-time industrial exposure. This paper provides multiple ways of thoughts to students as well as institutions to enhance their path to learn and train the students more innovatively based on the entrepreneurship norms. This system assists institutions to develop the mindset to students regarding the entrepreneurship as well as how to assist students to start their own start-up companies further.

References

- Agiomirgianakis, G., Serenis, D. and Tsounis, N. (2017), "A distance learning university and its economic impact in a country's peripheries: the case of hellenic open university, international", *Journal of Operational Research*, Vol. 17 No. 1, pp. 165-186.
- Aguinis, H., Shapiro, D.L., Antonacopoulou Gnosis, E.P. and Cummings, T.G. (2014), "Scholarly impact: a pluralist conceptualization", *Academy of Management Learning and Education*, Vol. 13 No. 4, pp. 623-639.
- Alves, J., Carvalho, L., Carvalho, R., Correia, F., Cunha, J., Farinha, L., Fernandes, J., Ferreira, M., Lucas, E., Mourato, J., Nicolau, A., Nunes, S., Nunes, S., Oliveira, P., Pereira, C., Pinto, S. and Silva, J. (2015), "The impact of polytechnic institutes on the local economy", *Tertiary Education and Management*, Vol. 21 No. 2, pp. 81-98.
- Amaral, L.P., Martins, N. and Gouveia, J.B. (2015), "Quest for a sustainable university: a review", *International Journal of Sustainability in Higher Education*, Vol. 16 No. 2, pp. 155-172.
- Anand, C.K., Bisailon, V., Webster, A. and Amor, B. (2015), "Integration of sustainable development in higher education – a regional initiative in Quebec (Canada)", *Journal of Cleaner Production*, Vol. 108, pp. 916-923.
- Anstadt, S.P. (2009), "Community connections: An intergenerational and multicultural community group program", *Journal of Intergenerational Relationships*, Vol. 7 No. 4, pp. 442-446.
- Balas, E.A. and Elkin, P.L. (2013), "Technology transfer from biomedical research to clinical practice: measuring innovation performance", *Evaluation and the Health Professions*, Vol. 36 No. 4, pp. 505-517.
- Banks, S., Herrington, T. and Carter, K. (2017), "Pathways to co-impact: action research and community organizing", *Educational Action Research*, Vol. 25 No. 4, pp. 541-559.
- Barlett, P.F. (2011), "Campus sustainable food projects: critique and engagement", *American Anthropologist*, Vol. 113 No. 1, pp. 101-115.
- Berg, B.L. (2001), *Qualitative Research Methods for the Social Sciences*, Allyn and Bacon, Boston.
- Bizerril, M., Rosa, M.J., Carvalho, T. and Pedrosa, J. (2018), "Sustainability in higher education: a review of contributions from portuguese speaking countries", *Journal of Cleaner Production*, Vol. 171, pp. 600-612.

- Bowen, H. (2018), *The Individual and Social Value of American Higher Education*, Routledge, New York, NY.
- Bozeman, B. and Youtie, J. (2017), "Socio-economic impacts and public value of government-funded research: lessons from four US national science foundation initiatives", *Research Policy*, Vol. 46 No. 8, pp. 1387-1298.
- Blanco-Portela, N., Benayas, J., Pertierra, L.R. and Lozano, R. (2017), "Towards the integration of sustainability in higher education institutions: a review of drivers of and barriers to organisational change and their comparison against those found of companies", *Journal of Cleaner Production*, Vol. 166, pp. 563-578.
- Bonaccorsi, A., Daraio, C. and Geuna, A. (2010), "Universities in the new knowledge landscape: tensions, challenges, change – an introduction", *Minerva*, Vol. 48 No. 1, pp. 1-4.
- Carteron, J.-C., Haynes, K. and Murray, A. (2014), "Education for sustainable development, the UNGC PRME initiative, and the sustainability literacy test: Measuring and assessing success", *S.A.M. Advanced Management Journal*, Vol. 79 No. 4, pp. 51-58.
- Ceulemans, K., Molderez, I. and van Liedekerke, L. (2015), "Sustainability reporting in higher education: a comprehensive review of the recent literature and paths for further research", *Journal of Cleaner Production*, Vol. 106, pp. 127-143.
- Chen, D.M., Tucker, B., Badami, M.G., Ramankutty, N. and Rhemtulla, J.M. (2016), "A multidimensional metric for facilitating sustainable food choices in campus cafeterias", *Journal of Cleaner Production*, Vol. 135, pp. 1351-1362.
- Cherney, A., Head, B., Povey, J., Boreham, P. and Ferguson, M. (2015), "The utilisation of social science research – the perspectives of academic researchers in Australia", *Journal of Sociology*, Vol. 51 No. 2, pp. 252-270.
- Denyer, D. and Tranfield, D. (2009), "Producing a systematic review", in Buchanan, D. and Bryman, A. (Eds), *The Sage Handbook of Organizational Research Methods*, Sage, London, pp. 671-689.
- Du, X., Su, L. and Liu, J. (2013), "Developing sustainability curricula using the PBL method in a Chinese context", *Journal of Cleaner Production*, Vol. 61, pp. 80-88.
- Escobar-Tello, M. and Bharna, T. (2013), "Happiness as a harmonising path for bringing higher education towards sustainability", *Environment, Development and Sustainability*, Vol. 15 No. 1, pp. 177-197.