

Impact of Changing Role of Teacher on Empowering Students in Present Higher Education Scenario - A Selective Study

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Abstract:

Education is most powerful weapon to change the world. It is a continuous process to make students to learn and acquire character, knowledge, skills, and attitude. Through this process of education student would able to build a way to develop themselves & Country too. This empowerment process makes an individual to attain rightful status. In this regard the role of the teacher mainly contributes towards student learning.

This entails the teacher empowering themselves with the right knowledge, skills, attitudes and be ready to challenges and demands, and needs of the modern society.

The major portion of this article deal with how paradigm shift on the role of the teacher in higher education system in 21st century.

A survey is conducted in Prakasam dt, Andra Pradesh. Shapiro Test is used to test the normality of the data., percentage analysis is used are used for analyzing to impact of the changing of faculty on empowering student.

Key Words: Empowerment, paradigm shift, Ancient Indian Education, Shapiro wilk test.

1. INTRODUCTION

Teaching is a noble profession that shapes the character, caliber and future of an individual. -APJ.Adbul kalam

India has a rich tradition of learning and education right from the ancient past. Hindu civilization had been shaped learning and education system and creating the courses which are suitable to those economic and political policies. (Indian Educational System: An Overview of the)

Education is a major source to transfer the knowledge, skill, understanding and behaviors of people .Therefore; the role of teachers' has become more crucial. Teacher leaders have a wide range of roles to support student success in his career. These roles are assigned may be formally or informally. Teachers can lead in a variety of ways to build intra personal skills in students to improve to world.

Fundamentals of Ancient Indian Education

The students of the ancient times of education system if India was being, the pupil away from their parents, admit themselves to the teacher, sitting at the feet of his learning through listening and meditation. (**Indian Educational System: An Overview of the**). Teacher would not only give bookish knowledge, and gave more priority to practical knowledge which made them to understand the social environment of those days.

2. REVIEW OF LITERATURE

1. In the twenty-first century, as changing the higher education scenario universities are becoming monopoly. The affiliated colleges are facing many challenges to produce and transmit the knowledge as per demands of society. Faculty development is major impacting factor to empower the student. Universities are being concentrating on faculty development to provide the quality education that society demands. (**Freitas, 5 April 2018**)
2. Faculty plays an important role for student's enhancement during their learning process., faculty are a student support. Faculty has to ply many roles like counselor, mentor, team builder, etc who is flexible and polyvalent. Along with that they should also address current social changes and prepare the student to face them. Faculty need to be innovative, and practice new and appropriate learning methods. These Learning methods should help the faculty to learn current technology and helps to encourage students in ways that where best fit their needs
(**Freitas, 5 April 2018**)
3. There is a rapid growth in scientific and medical discoveries, technology, including information communications technology (ICT), and the world's population. this situation leads many consequences like blurring of boundaries, gaps between people, groups and countries. In this context Schools are the institutions to offer the required education to promote socialization and investment through learning. School education helps people make sense of the changes as well as fostering sustainability, including through lifelong learning..
(**Mulford, April 2003**)
4. People will acquire knowledge through education. Teacher should enable the skills of the students so that they can create their path to reach goals. Students are the future of the society (**Kimwarey, Mar-Apr. 2014**)
5. Positive teacher & student relationship have high impact on students' learning & achievements. Teacher & student relationship helps to influence the students mind set and helps to set their individual goals. It builds intellectual competence in student (**Fredriksen, 2004**)
6. How to help students to learn. The teacher is a learning manager and he define his role as course designer, Supervision of individual dissertations and projects, Tutor, Assessor, Administrator, Subject expert, Mentor, counselor. (**Agnihotri, Vol.2, Issue-2, 2016**)
7. Higher Education academic staff with a responsibility for Teacher Education, research or subject studies and didactics, as well as teaching practice supervisors, school mentors, induction tutors and networks of induction supporters. (**EMPOWERING TEACHERS TO PROMOTE INCLUSIVE EDUCATION, 2015**)
8. In teaching & learning process Supervision, monitoring and other school development activities, are required to enhance their quality through suitable tools, methods and mechanisms. (**Ranjan**)

3. STUDY AREA

Prakasam district is one of district in the Coastal Andhra region of the Indian state of Andhra Pradesh. As of 2011 census of India, the district had a population of 3,397,448. The total population constitute, 17,14,764 males and 16,82,684. The total urban population is 664,582. There are 19,04,435 literates. so that rate of literacy is 63.08%. The primary and secondary school education is imparted by government, aided and private schools, under the School Education Department of the state. In academic year 2015-16, 4,311 schools are there. 461,065 students are enrolled in primary, upper primary and high schools of the district.

4. OBJECTIVES OF THE STUDY

- 1 To study the Role of a Teacher in Ancient days
- 2 To study the present higher education system in reputed institutions
- 3 To study the factors which influence changing role of a teacher?
- 4 To examining the factor which are effecting more on empowering student

5. Hypotheses Of The Study

Null Hypothesis (H₀) – Respondents agree that all the twenty factors effecting on the Empowering student

$$\mu = \bar{X} = 68$$

Alternative Hypothesis (H_a) - Respondents agree that all the twenty factors not effecting on the Empowering student

$$\mu \neq \bar{X} \neq 68$$

6. METHODOLOGY

A. Research Design

Literature Review method to reach the first three objectives of the study. Random Sampling Method is used to select colleges in prakasam district. Survey method is used to collected the data.

B. Sampling Design

Prakasam district , AndhraPradesh in India has been taken as target area to study the above objectives. In this district there are 22 colleges which are providing Technical & Management Education approved by AICTE, New Delhi and Affiliated to Jawaharlal Nehru Technological University, Kakinada. Some institutions are accredited with NAAC, NBA, and UGC. One is autonomous .The questionnaire 25 questions. The respondents filled the questionnaire on 5 point likert scale by giving rating from 5 to 1 being high to low. The questionnaires were distributed to 102 teachers (62 male and 38 female employees), of 12 colleges assuming the target market as MBA faculty in Engineering colleges. The questionnaires are distributed, could get back 85 completely filled in questionnaires.

C. Data Collection

The primary data is collected through discussions with teaching staff of colleges and also by distributing questionnaire. The questionnaire had 25 questions and the respondents were asked to rate their response on a 5 point Likerts scale, 1 being the least and 5 being top.

The Secondary data is collected through books, college websites, and journals..

D. Data Analysis:

The data analysis is done using R 3.2.1 version and MS Excel 2007. Initially, the normality of data is tested using Shapiro wilk normality test. Then, based on the result the wilcoxon signed rank test, one sample non-parametric test is used for analyzing the overall opinion of respondents towards the seventeen variables considered under the survey using R language. Further, the data is analyzed using measures of central tendency such as mean and mode using MS Excel 2007.

7. RESULTS

Initially, Let us discuss the statistics of demographics of respondents in the survey.

Table: Demographic Factors

Gender	Male	68%
	Female	34%
Age	<25	53%
	25-35	36%
	36-45	8%
	>45	15%
Marital Status	Married	46%
	Unmarried	54%

Most of the respondents of the them survey are male .Their age is below 25 and are unmarried.

Twenty variables are identified by the research and literature review method of exploratory research. The twenty variables are used in further research to know which are most significant factors effecting the data .

The Shapiro wilk test is used to evaluating the normality of data. As the p-value i.e., 0.001 (0.00000005242)is less than 0.05 (Rule of Thumb),it shows that that the obtained data is not normal(Alternative Hypothesis)that means opposing the Null hypothesis so , Data is Normal. This makes us to analyze the data using non-parametric test on the sample.

To extract the opinion of all respondents towards the twenty variables affecting on empowering student, Wilcoxon signed rank test is used for analysis.

$$\mu \neq \bar{X} \neq 68$$

The result shows that the p-value i.e., 0.001 (actual p-value =0.0000002509) is less than 0.05. It expresses that the test do not accept null hypothesis. This exhibits that the assumed population mean (i.e.,68) is not equal to the obtained sample mean(i.e.,60.94949). This indicates that all the respondents are not agreeing that all the twenty factors.

Even it is proved with the support of the same wilcoxon test with an alternative hypothesis of $\mu < 68$ (i.e., assumed population mean). The p-value i.e. 0.001<0.05 expresses the sample mean (i.e., is less than the assumed population mean (i.e.,68).

1. To study the Role of a Teacher in Ancient days

Fundamentals of Ancient Indian Education:

In the Ancient days education the Guru 's inculcating the following themes in learning process.

1. Knowledge related to life
2. Development in social work
3. Vocational training
4. Close association between teacher and student resulted in all round Development
5. The Four Vedas
 - The Rig Veda,
 - The Sama Veda
 - The Yajur Veda
 - The Atharvaveda (Indian Educational System: An Overview of the)

Education in ancient India can be a source of inspiration for education in modern times. It was based on a sophisticated theory of knowledge derived from Indian philosophy and unique in that it included an understanding of the subject (**The core tenets of education in ancient India, inspirations, (2012) 7(3):**)

Most boys of the lower orders learnt their trades from their fathers.

2. To study the present higher education system in reputed institutions

India is a country consisting of high educational values, sound technology, student strength and dedicated teachers. In present higher education system the teacher should possess factors like Motivation, Perception, Interest, Professional and Financial Security, Career Choice based on Knowledge and skill and finally Inclination towards research to empower the student.. (**Sweta, 2015**)

In present education scenario to maintain a good relation with student teachers should be Effective, personal, and able to engage all methods of teaching order to develop their skill, knowledge.

The instructor often interact with students to their thoughts, feelings, and lessons learned from an faculty should engage the with learning community project. student centric class room can make students to involve in learning ,experimenting the themes. (**Carta-Falsa, 2002**)

3. To study the factors which influence changing role of a teacher?

The following are the significant roles contributing by faculty

- | | |
|----------------------------------|---------------------------|
| 1. Academic Counselor | 2. Career Counselor |
| 3. Classroom Manager | 4. College Ambassador. |
| 5. Curriculum Developer | 6. Department Chair |
| 7. Educational Psychology Expert | 8. Learning Facilitator |
| 9. Lecturer | 10. Mediator |
| 11. Mentor | 12. Motivational Speaker |
| 13. Strengthen the learning | 14. Personal counselor. |
| 15. Trust Developer | 16. Researcher |
| 17. Stress management expert | 18. Subject matter expert |
| 19. Team builder | 20. Writer |

4. To examining the factor which are effecting more on empowering student

The above analysis finalizes that only few variables are contributing towards to fourth objective

The following variables also shows impact on empowering students.

1. Academic counselor
2. Curriculum developer
3. Department chair
4. Lecturer
5. Researcher
6. Educational Psychology Expert
7. Role plays
8. Group discussions
9. Debates

The supporting analyses for the most significant reasons are as follows.

- **Does Academic counselor impact?**

Type of Response	Frequency	%	cumulative
Strongly agree	60	60	60
Agree	19	19	79
Neutral	10	10	89
Disagree	0	0	89
Strongly disagree	11	11	100

Table No.1-

Academic counselor

In Table, 79% employees representing the opinion that Academic counselor on student community.

- **Does Subject matter expert impact ?**

Type of Response	Frequency	%	cumulative
Strongly agree	61	61	61
Agree	26	26	87
Neutral	5	5	92
Disagree	3	3	95
Strongly disagree	5	5	100

Table No.2- Subject matter expert

In Table87% employees representing the opinion that Subject matter **expert impact**

- **Do Curriculum developer impact ?**

Type of Response	Frequency	%	cumulative
Strongly agree	40	50	40
Agree	26	26	66
Neutral	15	15	91
Disagree	16	16	97
Strongly disagree	3	3	100

Table No.3 – Curriculum developer

In Table66% employees representing the opinion that Curriculum **impact** faculty in the colleges.

- **Do Department chair impact?**

Type of Response	Frequency	%	cumulative
Strongly agree	50	50	50
Agree	27	27	77
Neutral	10	10	87
Disagree	8	8	95
Strongly disagree	5	5	100

Table No.4- Department chair

In Table77% employees representing the opinion that Department chair **impact** faculty in the colleges.

- **Do Lecturer impact**

Type of Response	Frequency	%	cumulative
Strongly agree	51	51	51
Agree	29	29	80
Neutral	9	9	89
Disagree	8	8	97
Strongly disagree	3	3	100

Table No.5 – Lecturer

In Table80% employees representing the opinion that **Lecturer impact** the students.

- **Do Researcher impact?**

Type of Response	Frequency	%	cumulative
Strongly agree	32	32	32
Agree	52	52	84
Neutral	10	10	94
Disagree	3	3	97
Strongly disagree	3	3	100

Table No.6 – Researcher

In Table 84% employees representing the opinion that is Researcher **impact** students in the colleges.

- Does Educational Psychology Expert impact

Type of Response	Frequency	%	cumulative
Strongly agree	66	66	66
Agree	26	26	92
Neutral	0	0	92
Disagree	3	3	95
Strongly disagree	5	5	100

Table -7 Educational Psychology Expert

In Table 92% employees representing the opinion that is Educational Psychology Expert impact on students in the colleges

- Does Role plays impact

Type of Response	Frequency	%	cumulative
Strongly agree	41	41	41
Agree	36	36	77
Neutral	5	5	82
Disagree	9	9	91
Strongly disagree	9	9	100

Table -8 Role plays

In Table 77% employees representing the opinion that is Role plays impact on students

- Does group Discussion impact

Type of Response	Frequency	%	cumulative
Strongly agree	51	51	51
Agree	26	26	77
Neutral	5	5	82
Disagree	5	5	87
Strongly disagree	13	13	100

Table 9- Group discussions

In Table 77% employees representing the opinion that is Role plays impact on students

- **Does Debate impact**

Type of Response	Frequency	%	cumulative
Strongly agree	60	60	60
Agree	26	26	86
Neutral	5	5	91
Disagree	4	4	95
Strongly disagree	5	5	100

Table10-Debates

In Table 86 % employees representing the opinion that is Debate impact on students

8. FINDINGS

The staff MBA of Engineering Institutions of Prakasam district feel that the following variables are impacting more on the students in their empowerment process

- Educational Psychology Expert
- Department chair
- Researcher
- Lecturer
- Academic counselor
- Role plays
- Group discussions
- Debates

9. LIMITATIONS:

1. Our study is mainly focused on MBA staff of private engineering colleges in prakasam district. The study can further be extended to the staff of other departments as well as to the other colleges too.
2. We considered only 20 variables for our research, there might be some more other variables which shows impact impact the objectives.
3. We are expecting the future researchers to do research at different educational institutions with more variables' which we are not considered
4. There is a scope for The future researchers to establish a valid and reliable scale by considering other factors too .

10. CONCLUSION:

In the present study, it was illustrated that a good teaching method helps the students to learn concepts and motivates them towards to set their individual goals. Effective teaching of he faculty members of the institutions should be aware of these barriers and requirements as a way to empower the student .The professors , lecturers are providing ideas, and the best strategies to students to reach their goals life. Finally, it is supposed that there is an important and effective role is played by teacher in student career in present higher education scenario.

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