

To Study the Feasibility and Effectiveness of Dr. Sunil Mhaske's Administrative Model for Students of Medical College

Prabhat S. Mhaske¹, Prasad Kajale²

Abstract

In India the students comes for education from various places of world. Also in our country- India there is quite different geographical areas of different culture and languages. Our population is so high with different economical backgrounds and social taboos [1]. In all over medical colleges of India this type of student diversity is very common. There is cultural, social, economical, language, demographic differences which plays the important role on medical college students' life as well medical college administration. In medical college students come with different level of knowledge, intelligent and emotional quotient also difference in the family background. Most of the students are from parents of doctor family, businessman to daily wages and farmers [2]. In order to make balance in this problem medical college has to play very crucial role. Medical college administration cannot be biased, should not discriminate according to above parameters including gender discrimination [3]. For this purpose we have made a study on the feasibility and effectiveness of Dr. Sunil Mhaske's Administrative Model for students of Medical College.

Keywords: Administrative Model; Dr. Sunil Mhaske; Medical College students.

Dr. Sunil Mhaske's Administrative Model for medical college students-

The following are the components with their role and function in administrative model:-

1. For every batch of M.B.B.S. and Post graduate students separate male/female teaching staff of professor or associate professor cadre is appointed for boys and girls respectively. i.e. near about 50-75 boys/girls there are one male and one female teacher co-ordinator.
2. Then male/female assistant professor/tutor cadre is appointed under this male/female batch co-ordinators as a assistant batch co-ordinators for every 10 boys and girls respectively.
3. All batch male /female batch co-ordinators and assistant co-ordinators made a WhatsApp group of boys and girls respectively.

The main aim of this WhatsApp group is that

- A. Each and every student is 24 by 7 connected to dean, batch co-ordinator and assistant co-ordinators.
- B. One can share and wish success and birthdays also participate in painful events.
4. Every Saturday afternoon all the students meets to assistant batch co-ordinators for 30-45 min for any problems to which they are facing
5. Every last Saturday of month in afternoon there is meeting of Dean, batch co-ordinators and assistant co-ordinators for same above purpose.
6. Annually there is "Parent teacher meeting" which will be decided and coved three months before the function so that parents can do their reservation at proper time.
7. In between also whenever any parents or relative of students comes to campus they are advised to meet dean, concerned teachers, batch co-ordinators and Assistant co-ordinators.
8. Every visit record is kept by co-ordinators including weekly and monthly as well as

Author's Affiliation: ¹Assistant Registrar, ²Associate Professor, Dr. Vithalrao Vikhe Patil Foundation's Medical College, Ahmednagar, Maharashtra 414111, India.

Coressponding Author: Prasad Kajale, Associate Professor, Dr. Vithalrao Vikhe Patil Foundation's Medical College, Ahmednagar, Maharashtra 414111, India.

E-mail: sunilmhaske1970@gmail.com

- annual parent teacher meet. Concerned parent's signature, contact details, discussion topics also kept on separate form in box file.
9. For every student's local guardians name, address and contact details are recorded with visit details.
 10. Every day in Dean Office five students are called randomly at 4; 30 PM for formal well as informal talk in order to reduce the stress and phobia related to medical profession.
 - Of course there is most significant role of Management, Vice-principal, Head of departments and all teachers in student's medical life.

By this model following curricular, co-curricular and extra curricular activities are successfully implemented in addition to Medical Council of India and Maharashtra University of Health Sciences, Nasik.

- Integrated teaching meet- this involves participation of each year UG and PG students on one common topic quarterly and certificate of participation is given to them. Also each meeting is judged by three eminent professors as a judges and annually three students are given prizes. e.g.- Diabetes mellitus, hypertension, jaundice etc.
- Clinical meet - interesting cases are presented by PG students monthly from all departments and certificate of participation is given to them. Also each meeting is judged by three eminent professors as judges and annually three students are given prizes.
- Academic cell - those students are slow learners for those extra classes are conducted after college hours and holidays same is arranged separately for brilliant students.
- Research cell - helps in paper and poster publication. Monthly there is research meet with presentation of one patent, poster, paper, PhD dissertation by Teaching staff and PG students with one scientist of month is presented by undergraduate student. Certificate of participation is given to them. Also each meeting is judged by three eminent professors as judges and annually three students are given prizes.
- Wall magazine - we have wall magazine for co-curricular and extra curricular activities with any topic concerned of that particular month. Also there is KAVISAMELAN, Poetry, essay competition. to help in participation of state, national and

international competitions

- Cultural committee for annual social gathering and Ganpati festival arrangement.
- Sport committee for indoor and outdoor games, to helpin participation of state, national and international competitions.
- Nature lover's club- in order to decrease the stress and strain of medical studies every weekend outdoor trip is arranged for bird, animal, tress and jungle observations. This club conducts nature photography competition with attractive prizes annually.
- Compititative exam cell- those who wants to join civil services, USAMBLY, TOFEL special classes and lectures are conducted regularly.
- Spiritual (Holy) club- irrespective of cast and religion all students are delivered holy/ spiritual lectures bimonthly.
- Along with this as recommended by Medical Council of India and Maharashtra University of Health Sciences, Nasik all other activities like, NSS, MET, HSETU, Avishkar, Spandan etc activities are regularly conducted.

Material and methods

From Medical College, we have included all M.B.B.S. and Post graduate students who are willing to participate in study by taking prior consent.

A preformed questioner was given to all students.

Study period - September-October 2018.

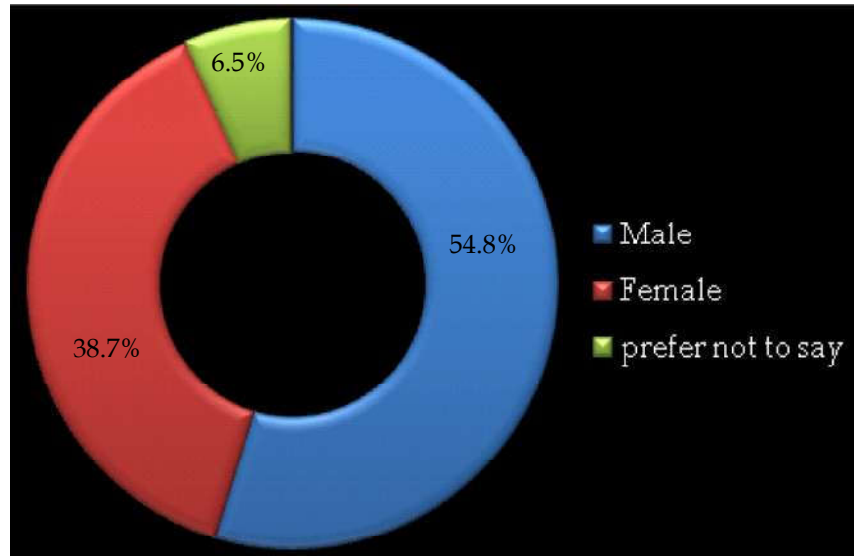
Study design - Prospective observational cross sectional study.

After evaluation of results of participants total 978 students responded to questioners out of 1080 and the observations were analyzed.

Observations

Table 1: Sex wise distribution of participants

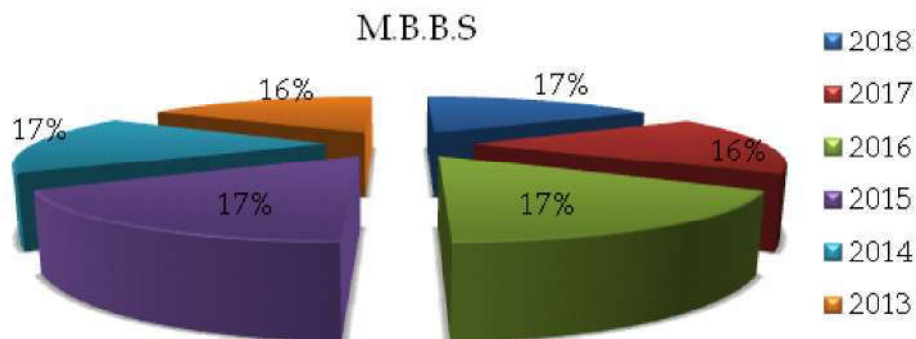
Sex	Number	Percentage
Male	536	54.8%
Female	378	38.7%
Prefer not to say	64	6.5%
Total- 978		



Graph 1: Sex wise distribution of participants-

Table 2: Year wise joining distribution of participants

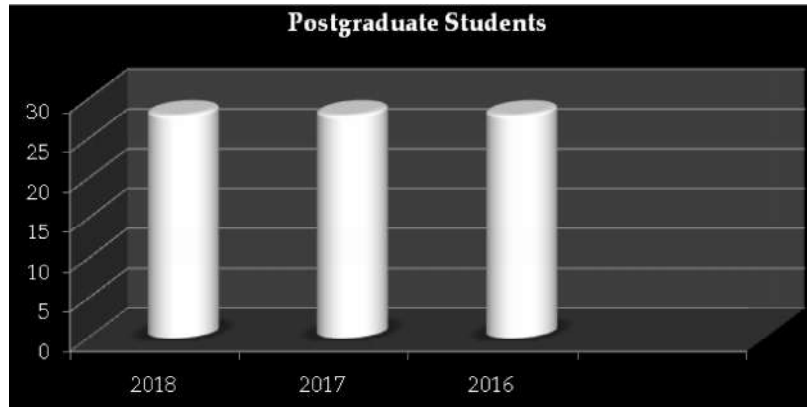
	Year of joining	Number
M.B.B.S	2018	150
	2017	148
	2016	150
	2015	149
	2014	149
	2013	148
	Total	894
	Post-graduation	2018
2017		28
2016		28
Total		84
Grand total		978



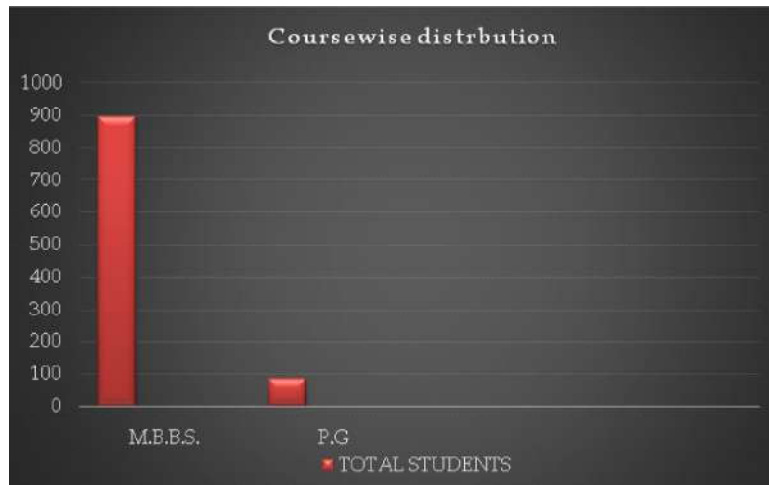
Graph 2:

Table 3: Course wise distribution

Year and Course	M.B.B.S.					Postgraduate students
	I	II	III (minor)	III (major)	Intern	
Total	894					84
Grand total	978					



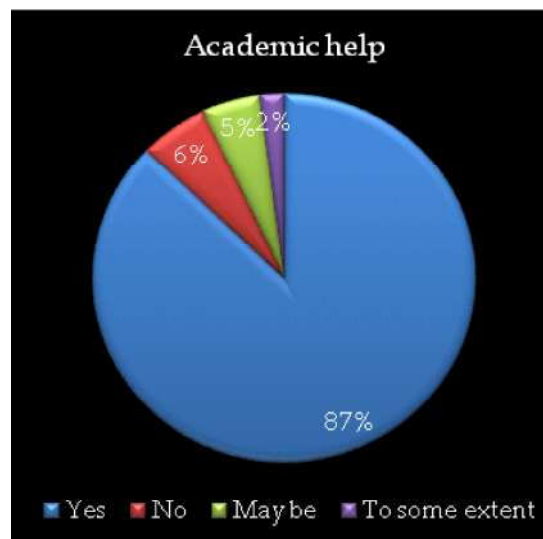
Graph 3A:



Graph 3B:

Table 4: Distribution of academics help of batch co-ordinators

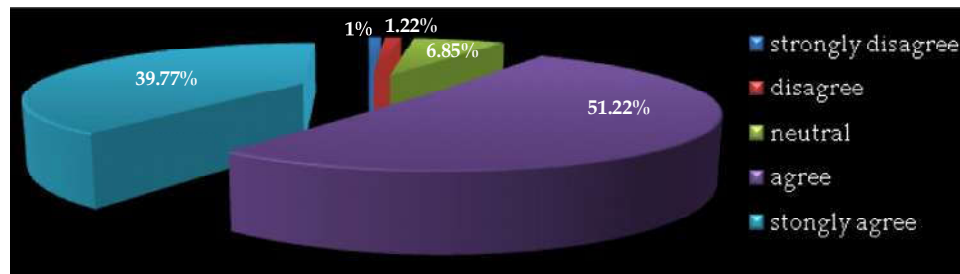
Distribution	Yes	No	May be	To some extent
Total	853	57	48	20



Graph 4:

Table 5: Distribution of extracurricular activity help of batch co-ordinators

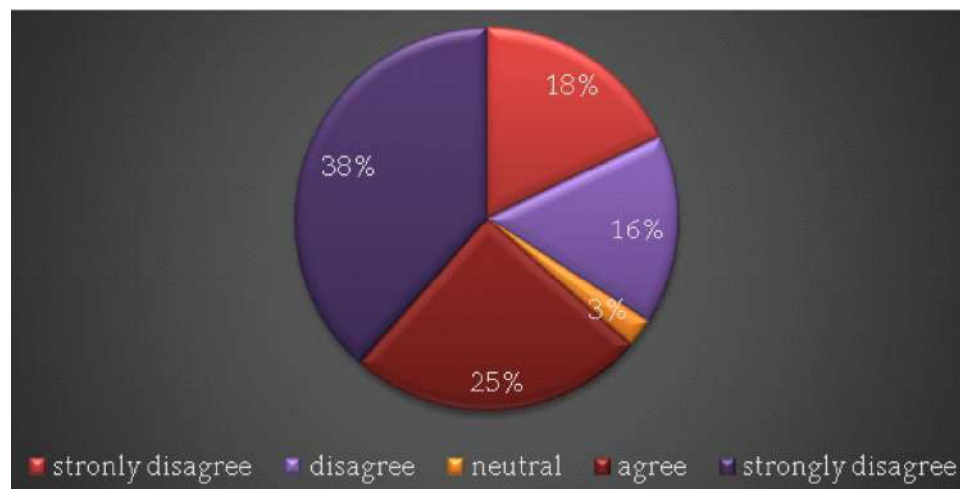
Response	Total
Strongly disagree	09
Disagree	12
Neutral	67
Agree	501
Strongly agree	389
Grand total	978



Graph 5:

Table 6: Distribution as per help given by batch co-ordinators in financial issues

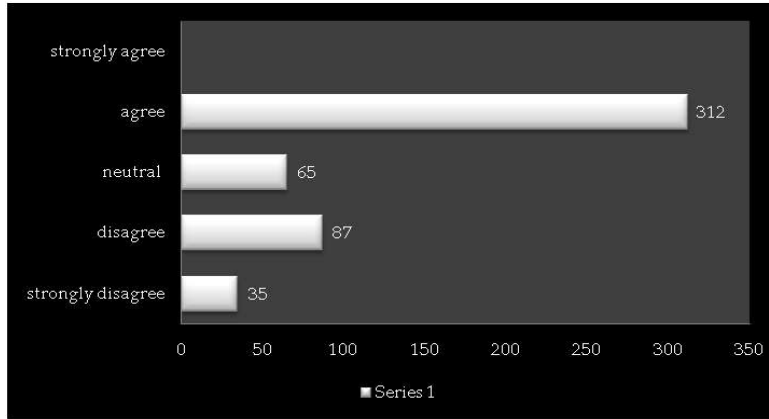
Response	Total
Strongly disagree	176
Disagree	156
Neutral	24
Agree	246
Strongly agree	376
Grand total	978



Graph 6:

Table 7: Distribution as per help given by batch co-ordinators in personal problems

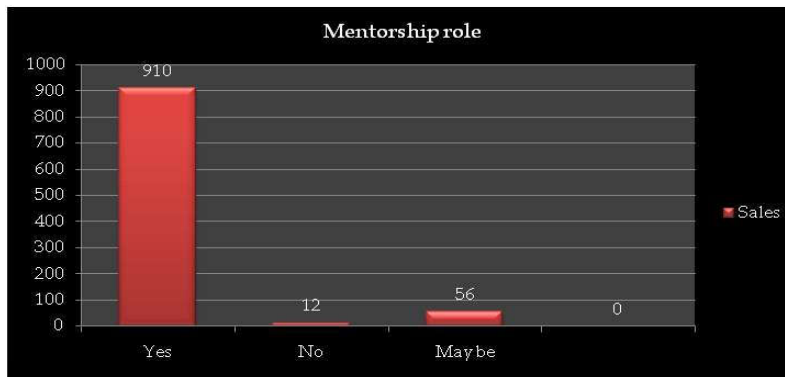
Response	Total
Strongly disagree	35
Disagree	87
Neutral	65
Agree	312
Strongly agree	479
Grand total	978



Graph 7:

Table 8: Distribution according to proper mentorship provided by batch coordinators

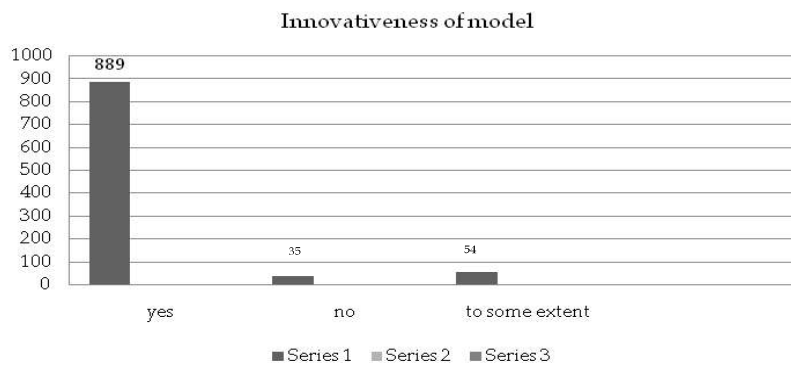
Response	Total
Yes	910
No	12
May be	56
Grand total	978



Graph 8:

Table 9: Distribution according to innovativeness of idea of appointing male/female batch co-ordinators.

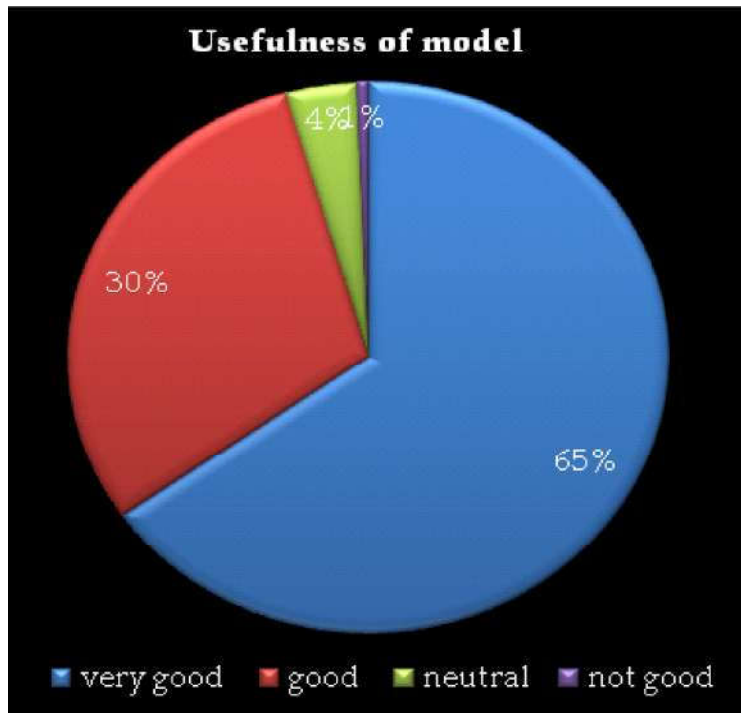
Response	Total
Yes	889
No	35
To some extents	54
Grand total	978



Graph 9:

Table 10: Distribution according to usefulness of idea of appointing male/female batch co-ordinators.

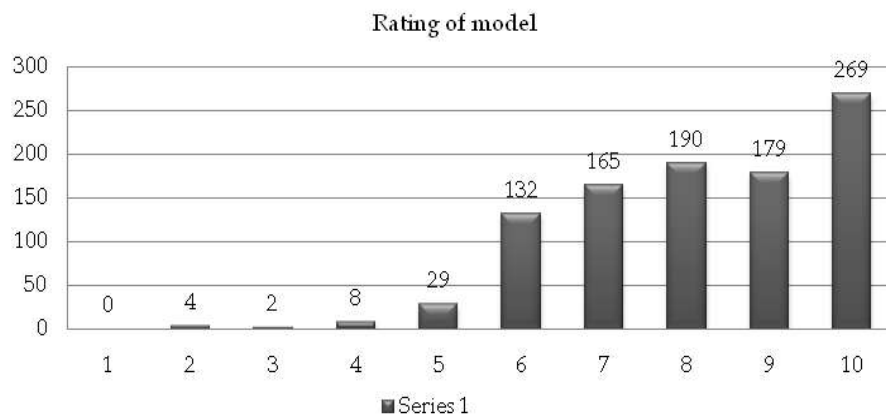
Very Good	638
Good	297
Neutral	37
Not good	6
Total	978



Graph 10:

Table 11: Rating distribution of this new administrative mode

Ranking	Score given	Ranking	Score given
1	0	6	132
2	4	7	165
3	2	8	190
4	8	9	179
5	29	10	269



Graph 11:

Results

In this model of Dr. Sunil Mhaske's administrative model for medical students we have done observational prospective cross sectional study. We have collected questionnaire data from Medical College during a study period of September - October 2018.

We have sent Google questioners to all participants on mobile WhatsApp and after specified time span we got the answers from participants which we have compiled here.

In our study total 978 students out of 1080 were participated with 54.8% male and 38.7% females. 6.5% students unrevealed about sex.

In our study group out of 978 students 894 were from M.B.B.S course with 150 (1st yr), 148 in second year first term, 150 from second year third term, 149 from third minor, 150 from third major and 148 were interns. Total 84 students of first, second and third year postgraduates' students were involved in assessment of efficacy and feasibility of Dr. Sunil Mhaske's medical college student administration model.

In this model out of 978 students 57 students (6%) thought that is model is of no value in academics, 48 (5%) were thought it may be helpful and 20 students (2%) it is helpful to some extent but majority- 853 (87%) students strongly recommended academic usefulness of this model.

Dr. Sunil Mhaske's medical college student administration model was useful in extracurricular activity as 389 students (40%) were strongly agree, 501 (51%) were agree, 67 (7%) were neutral, 12 (1%) were disagree and 09 students (1%) were strongly disagree.

Out of 978 participants 376 students (38%) were strongly about usefulness of this model regarding financial problems of students, 246 (25%) were agreed, 24 (3%) were neutral, 156 (16%) were disagreed, 176 (18%) were strongly disagreed.

About usefulness of this model in personal problems of students out of 978 participants 479 were strongly agreed (48.97%), 312 were agreed (31.90%), 65 were neutral (6.64%), 87 were disagreed (8.89%) and 35 were strongly disagreed 3.57%.

As a mentor this model showed 910/978 students positive (93.04%), 12 students negative (1.22%) and 56 students were uncertain (5.72%).

This idea of Dr. Sunil Mhaske's administrative model for medical students were innovative by the questioners result as suggestive that out of

978 participants 889 positive (90.89%), 35 negative (3.57%) and 54 were uncertain (5.52%).

Out of 978 students 65% (638) students said this model was really useful, 30% (297) told as good, 4% (37) were neutral and 1% (6) told as not good model.

Last question was very important regarding acceptance of this model in regard to feasibility, utility and usefulness in rating out of 10 marks. Out of 978 participants 269 students given 10 score (27.5%), 179 students given- 9 score (18.3%), 190 students given -8 score (19.42%), 165 students given- 7 score (16.87%), 132 students given- 6 score (13.49%), 29 students given -5 score (2.96%), 8 students given -4 score (0.81%), 2 students given -3 score, 4 students given -2 score, and none rated zero.

This was the result from our observations.

Conclusion

- In this study of assessing the feasibility and effectiveness of Dr. Sunil Mhaske's Administrative Model for students of Medical College following conclusions are made.
- In this study we tried to study 360 degree angle assessment from various batch, year and course wise students participation questionnaires assessment.
- Male -female medical college students from M.B.B.S and Postgraduate course students were assessed in which 87% of participants strongly recommended this model is very useful for us.
- 91% students answered in positive direction regarding use of this model in extracurricular activities like sports, cultural, holistic and skill building programmes.
- Since in medical colleges fees and scholarships are already decided by Government of India, FRA and MCI, there was less scope for this model in financial area. Still coordinators helped students regarding pocket money, money crisis at home, mismatched time of fees paying and banking problems. That's why 63% participants were positive in this direction.
- Near about 80% of participant opined that this models vey useful, 93% showed it is as a good mentor and guide for us and 91% participants thought that it is a really a innovative model in medical college administration.

- Lastly near about 93% participants has given ranking score of more than 6/10.

Summary

To summarize the view of the feasibility and effectiveness of Dr. Sunil Mhaske's Administrative Model for students of Medical College that is very useful model in curricular, co-curricular and extracurricular activity.

Also this administrative model is useful as a mentor in personal, social, mental and economical problems. Really Dr. Sunil Mhaske's Administrative Model for students of Medical College is very innovative, feasible and effective.

Acknowledgements

Thanks to all medical students as participants, medical college administration and special thanks to Dr. Sunil Mhaske.

References

1. John Keay. India: A History, 2nd Ed - Revised and Updated, Grove Press / Harper Collins. 2011. ISBN 978-0-8021-4558-1.
2. S. Gopalakrishnan and P. Ganesh Kumar: Community Medicine Teaching and Evaluation: Scope of Betterment, J Clin Diagn Res. 2015 Jan; 9(1):JE01-JE05.
3. Epstein RM. Assessment in medical education. N Engl J Med. 2007;356:387-96.

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