

# A Cross Sectional Study on Awareness and Usage of Siddha System After COVID–19 Among Young Adults in Palayamkottai Taluk, Tirunelveli District, Tamilnadu

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**Abstract:** In the World, the Traditional Medicine (TM) plays a significant role to the people in India, China, Korea and Japan. TCM (Traditional Chinese Medicine) accounts for around 40% of all health care need are get treated by nearby traditional medical healthcare options. As per WHO report, more than 30% of populations are using herbal remedies in their household as the primary care. The World Health Organization has also announced Global Centre for Traditional Medicine in India, as the country has emerged as the ‘pharmacy of the world’. This center would be considered as Centre for global wellness. The Government of India, realizing their potentials to address both public health and curative needs, started the Department of Indian Systems of Medicine and Homeopathy in 1995 under the Ministry of Health and Family Welfare, and this was renamed as the Department of AYUSH in 2003. Still there were huge lack in public regarding awareness of Siddha medicine and through impact in the pandemic of Covid-19 in Tamilnadu put up huge positiveness among all. Based on this, we have planned to make a survey on awareness among young adults.

**Keywords:** Siddha for Covid-19, Siddha awareness, Siddha system after Covid-19.

## 1. Data Collection

This study was conducted between August 2022 to November 2022 in the college after giving consideration to inclusion and exclusion criteria. The study was performed on a total of 150 young adults who agreed to participate in the project and the consent was taken. Ethical approval was obtained from the college council committee/review board before starting the study.

The data was collected by questionnaire from without personal details. The questionnaire was tested by pilot study and necessary modifications were done.

Data collected includes knowledge and awareness of Siddha system of medicine after Covid-19.

### A. Data Analysis

MS – Excel, SPSS analysis.

## 2. Human Participation Procedure

### A. Risks

No possible risk for the participants during this study.

### B. Benefits

Participants may gain awareness about Siddha system of medicine.

### C. Confidentiality

The personal information of the participants will be kept in confidential manner.

### D. Informed Consent

- The participants will be informed about the study in their own language.
- The study will be conducted only after their consent.

### E. Ethical Approval

The research protocol or the usage of human subjects approved by college council review board, Government Siddha medical college, Palayamkottai. In addition, the researcher sought informed verbal consent from study participant after explaining the purpose of the study. The researcher further ensured that the information obtained from the respondent was kept confidential and that no names of the respondents were used to refer to the respondent.

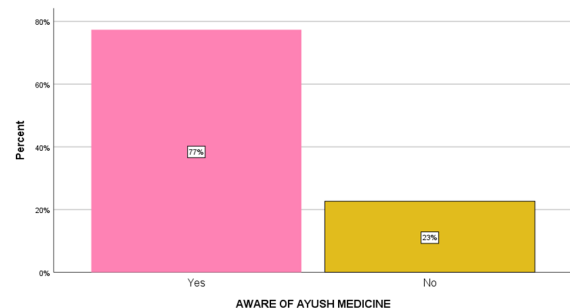


Fig. 1.

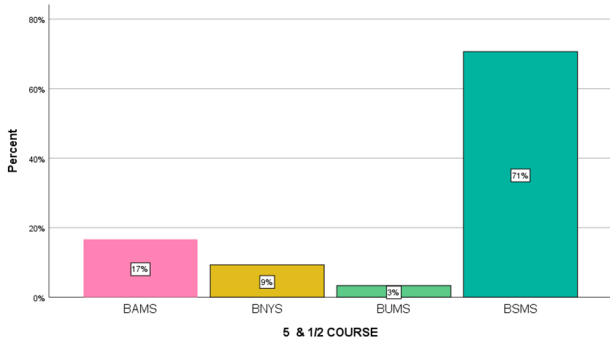


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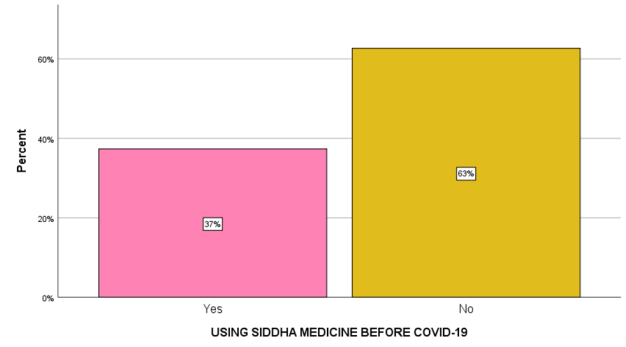


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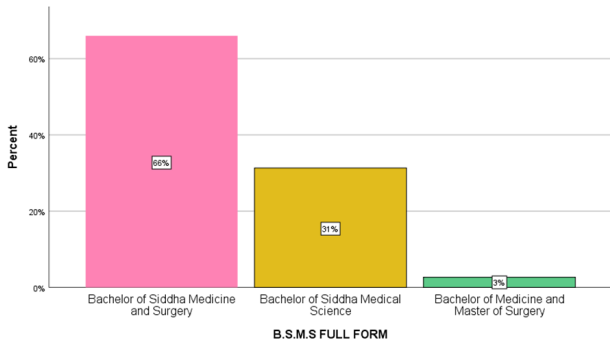


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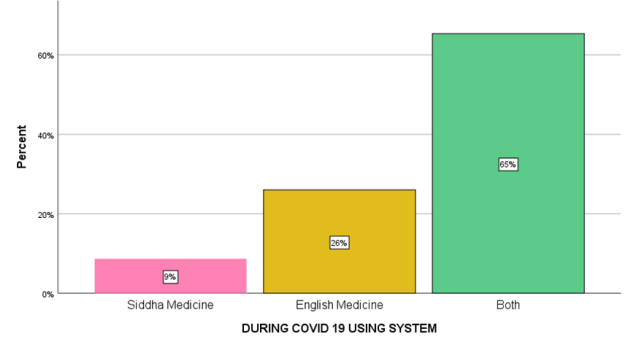


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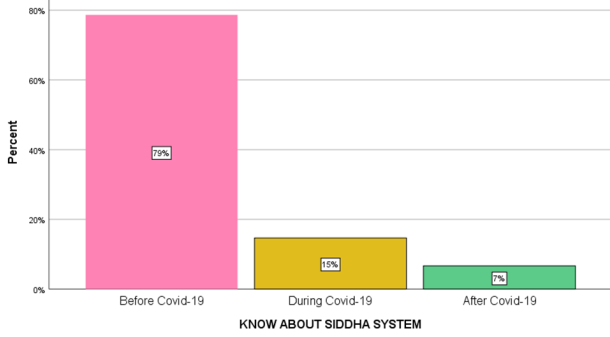


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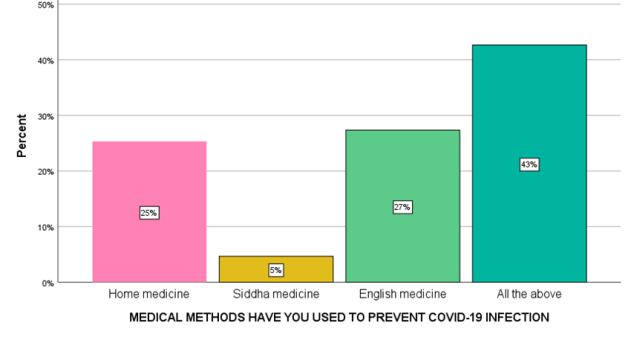


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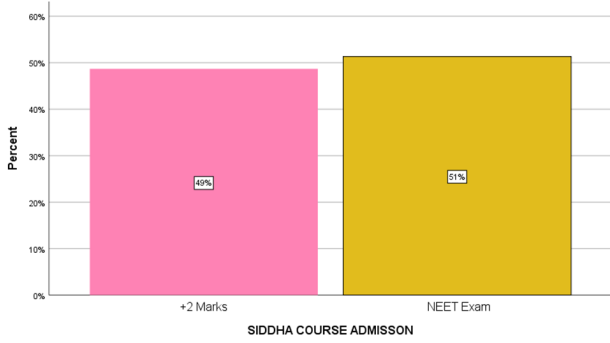


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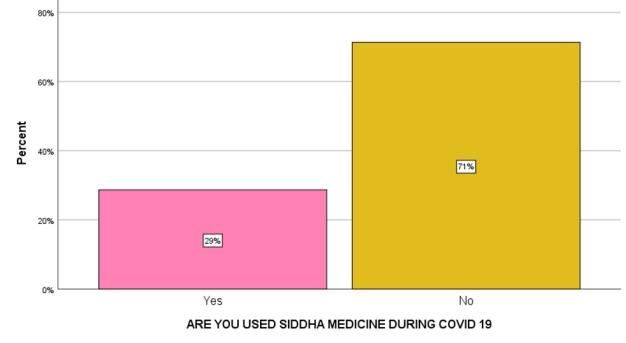


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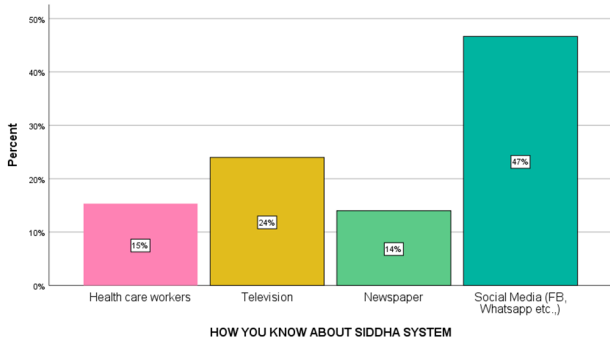


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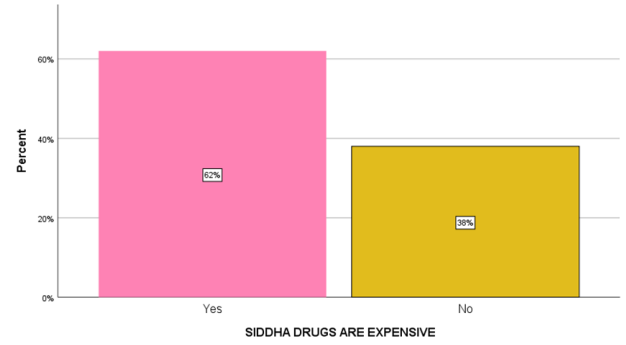


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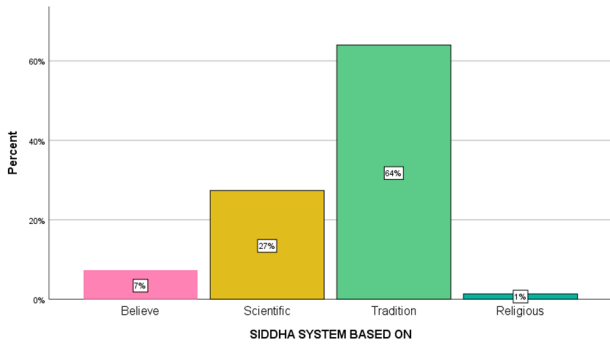


Fig. 11.

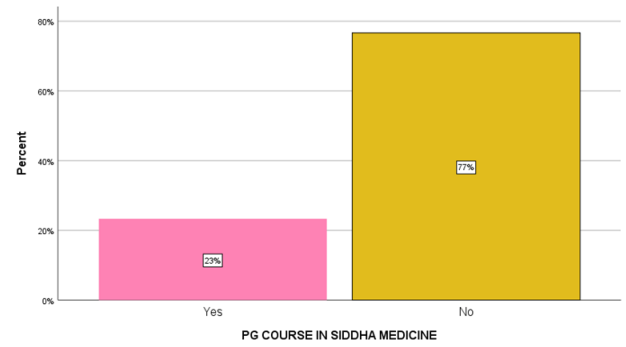


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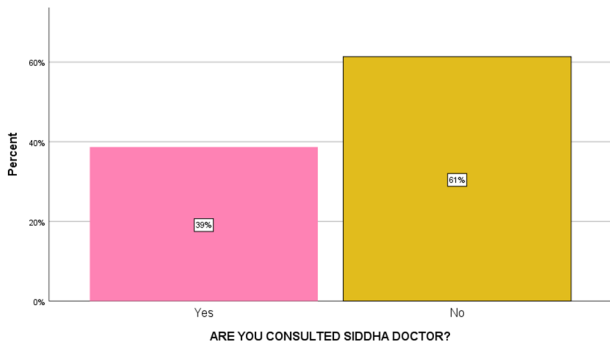


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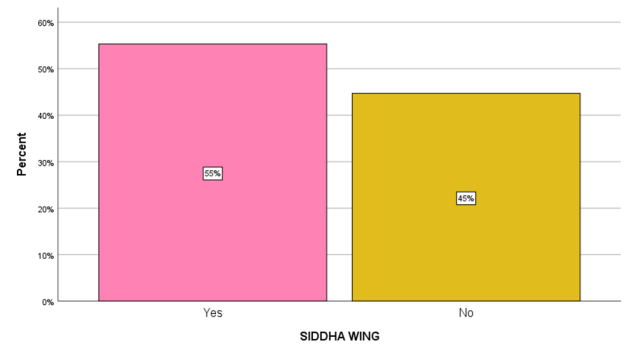


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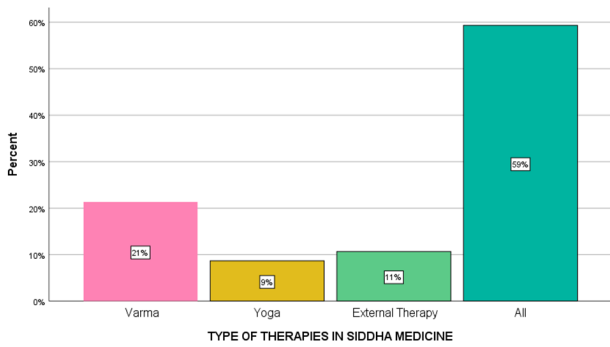


Fig. 13.

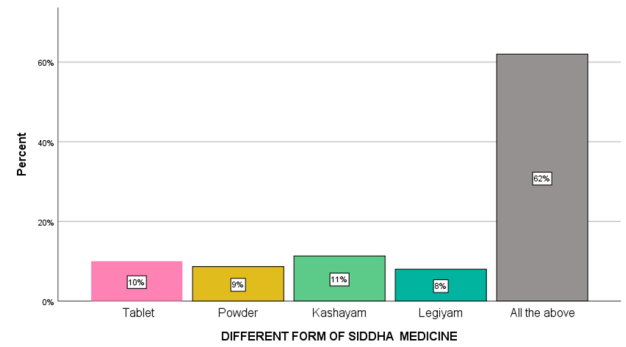


Fig. 17.

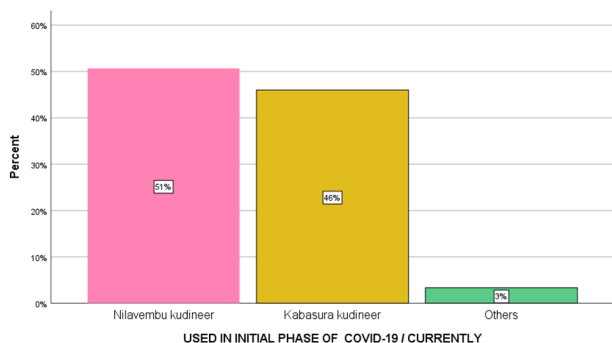


Fig. 18.

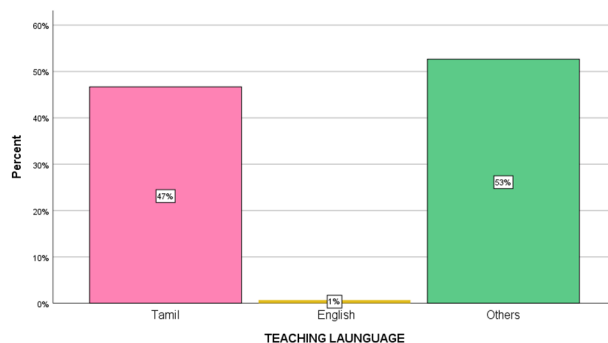


Fig. 19.

Table 1  
Frequency table

<b>Character</b>	<b>Character</b>
<b>AWARE OF AYUSH MEDICINE</b>	<b>THINK SIDDHA MEDICINE</b>
Yes	Believe
No	Scientific
<b>5 ½ YEARS SIDDHA MEDICAL COURSE</b>	Tradition
BAMS	Religious
BNYS	<b>SIDDHA DOCTOR WHEN YOU WERE ILL/ HAVE YOU SOUGHT COUNSELLING/ MEDICAL ADVICE</b>
BUMS	Yes
BSMS	No
<b>FULL FORM OF B.S.M.S DEGREE</b>	<b>VARIOUS METHODS OF MEDICINE IN SIDDHA MEDICINE</b>
Bachelor of Siddha Medicine and Surgery	Varma
Bachelor of Siddha Medical Science	Yoga
Bachelor of Medicine and Master of Surgery	External Therapy
Bachelor of Scientific Medicine and Surgery	All
<b>AWARE OF SIDDHA MEDICINE IN GENERAL</b>	<b>THINK SIDDHA DRUGS ARE EXPENSIVE</b>
Before Covid-19	Yes
During Covid-19	No
After Covid-19	<b>KNOW ABOUT POSTGRADUATE COURSES IN SIDDHA MEDICINE</b>
<b>ADMISSION TO SIDDHA MEDICAL COURSE</b>	Yes
+2 Marks	No
NEET Exam	<b>SIDDHA WING</b>
<b>USING SIDDHA MEDICINE BEFORE COVID-19</b>	Yes
Yes	No
No	<b>FOLLOWING METHODS ARE SIDDHA DRUGS ADMINISTERED</b>
<b>MEDICAL METHOD USED DURING COVID-19 INFECTION</b>	Tablet
Siddha Medicine	Powder
English Medicine	Kashayam
Both	Legiyam
<b>MEDICAL METHODS HAVE YOU USED TO PREVENT COVID-19 INFECTION</b>	All the above
Home medicine	<b>COVID-19/CURRENTLY USING SIDDHA DRUGS</b>
Siddha medicine	Nilavembu kudineer
English medicine	Kabasura kudineer
All the above	Others
<b>USE SIDDHA MEDICINE DURING COVID-19 OUTBREAK</b>	<b>MEDIUM OF TEACHING</b>
Yes	Tamil
No	English
<b>LEARN ABOUT SIDDHA MEDICINE</b>	Others
Health care workers	<b>RECOMMEND SIDDHA MEDICINE TO OTHERS</b>
Television	Yes
Newspaper	No
Social Media (FB, Whatsapp etc.,)	

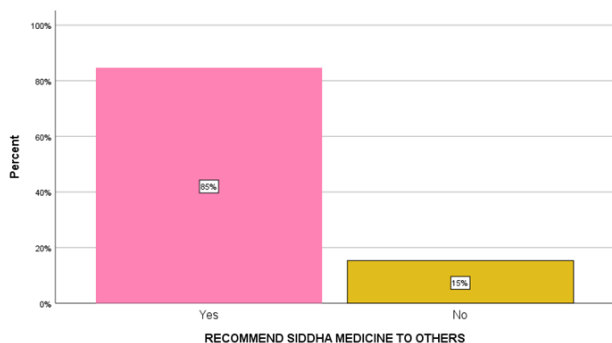


Fig. 20.

### 3. Discussion

- 77% of participants were known about awareness of AYUSH medicine.
- 71% of participants were known about 5½ years BSMS degree recognized by AYUSH ministry.
- 66% of participants were known about full form for BSMS.
- 79% of participants were known about Siddha system before Covid-19.
- 51% of participants were known admission to Siddha medical course through NEET exam, but 49% of participants still believe that BSMS admissions are conducted basis of +2 marks.
- 63% of participants did not use Siddha medicine before Covid – 19.
- 65% of participants are use both Siddha medicine and English medicine during Covid – 19
- 47% of the participants were known about Siddha system through social media and 27 percent through the television.
- 61% of participants answered that they are not consulted Siddha doctors when they are sick.

- 64% of participants were answered that Siddha system is traditional.
- 62% of participants feel that Siddha medicine was cost effective.
- 77% of participants did not know PG courses in Siddha medicine, only 23% of participants know the PG courses in Siddha system.
- Only 55% of participants known the availability of the Siddha wings in Government Hospitals.
- 85% of participants are willing to recommend Siddha medicine to others.

### 4. Conclusion

The study shows that the young adults have some knowledge about the Siddha system. Still there is a huge awareness to be needed to propagate the degree. Several camps must be conducted regularly in schools and colleges which will help future generations to know about Siddha system and its efficiency of treating illness uplifting human lives in better way. To upgrade our system, we should make use of other professionals who were willing to develop Siddha system.

### References

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