

SUMMER TRAINING REPORT

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INTRODUCTION

- Covid-19 or Corona virus is the pandemic that we are all dealing with in current times.
- This virus is affecting different people in all different ways.
- Therefore it becomes important that people have right knowledge and attitudes to combat this virus.

PART-1 Knowledge and Attitudes towards COVID-19: A study

OBJECTIVES OF THE STUDY ARE:

- To review the guidelines and advisories given by Government of India to combat COVID-19.
- To study about the knowledge and attitudes of people towards COVID-19.

LITERATURE REVIEW

TITLE	AUTHOR(s)	YEAR	OBJECTIVES	KEY FINDINGS
Pandemic and its impacts	W.Qui, S. Rutherford and A.Mao	2016-17	• To study about the term pandemic and the negative impacts it causes on health, economy, social and security aspects.	• Many pandemics have occurred in past. • Features include vast geographical extension, movement of disease and its severity.

TITLE	AUTHOR(s)	YEAR	OBJECTIVES	KEY FINDINGS
Corona virus Study Assessment among Indian population	Shivani Pandey, Abhijeet Gupta, Ruchika Bhansali	2020	To check the level of awareness of people regarding Covid-19	- People became aware mainly through news and social media. - Had knowledge about the mode of transmission and necessary precautions. - Not much aware about the major age groups this virus affects.

TITLE	AUTHOR(s)	YEAR	OBJECTIVES	KEY FINDINGS
Emergence of Influenza virus	Fatima S. Dawood and Seema Jain	2009	To know about the spread of swine-origin Influenza-A and its symptoms.	- The spread was started in United States and was later found in Mexico and Canada. - Most common symptoms of the disease include fever, cough and sore throat. - Also has some serious symptoms. - Actual cases exceeds the number of cases registered.

METHODOLOGY

- Self administered questionnaire in Google form was used. The study respondents were educated persons who belonged to the age group of 15-60 years and who had access to internet.
- Descriptive study. A total of 58 responses(82%) were received.
- Government of India guidelines and advisories related to Covid-19 were also reviewed.
- Data was recorded in Excel sheet and analysed in terms of frequency and percentages.

RESULTS

GOVERNMENT GUIDELINES:

- The Government of India issued many guidelines and advisories to slow down the spread of Covid-19. The guidelines suggested what is mandatory and what is prohibited.
- Ministry of Health and Family Welfare suggested measures to prevent spreading of Covid-19 in workplace settings which included physical distancing, use of face masks and following of respiratory etiquettes.
- Ministry of Home Affairs issued guidelines related to extension of lockdown period for two weeks starting from 4th May, 2020.
- Ministry of AYUSH issued guidelines to boost immunity amid corona virus pandemic by adopting simple practices like drinking warm water, practising yoga and pranayama.

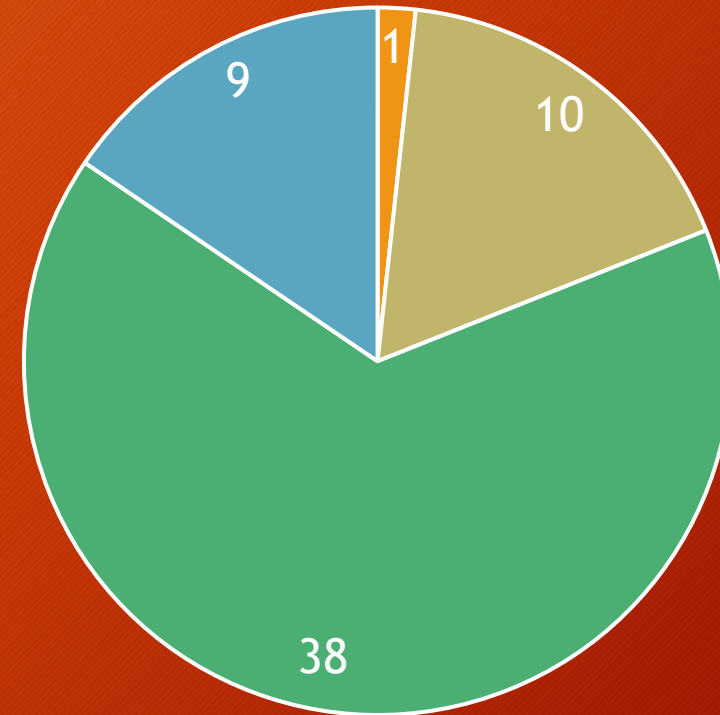
RESULT OF SURVEY:

- In the survey conducted, the average age of respondents who filled the form was 27 years (range 15-52 years). About half of the respondents belonged to the age group of 20-24 years.
- According to majority of respondents (80-90%), common symptoms of Covid-19 were fever, cough, sore throat, shortness of breath and running nose whereas less proportion of respondents were aware of the symptoms like muscle pain, headache and diarrhea. Refer to table in next slide.

Symptoms	Number of respondents	Percent
Shortness of breath or difficulty breathing	55	95
Fever	53	91
Cough	47	81
Sore throat	47	81
Running nose	24	41.4
Muscle pain	21	36
Headache	18	31
Diarrhea	6	10
No symptoms/	1	1.7

- Majority of the respondents were aware about the mode of transmission of Covid-19 i.e mainly through contact with droplets of saliva or nose discharge of infected persons.
- According to the respondents, health authorities should be informed if someone is found infected with Covid-19. They also gave suggestions for maintaining social distancing and following quarantine and isolation under medical supervision.

Responses for Covid-19 cannot be cured



Strongly agree Agree
Disagree Strongly disagree

- The respondents were of the opinion that Covid-19 can occur at any age and is not confined to just old age. However, majority of the respondents agreed that Covid-19 can be cured.

- People also suggested the preventive measures that should be taken to stop the transmission of Covid-19. These included covering mouth and nose while coughing, washing hands regularly, avoiding close contact with people and avoiding going to public places.
- The app called Arogya Setu which was launched by the government for contact tracing and self-assessment of Covid-19 was registered with nearly 66% of the total respondents.

DISCUSSION

- From the survey it could be found that people had knowledge about Covid-19 and the necessary precautions to be taken to prevent its transmission.
- Government of India is also taking necessary steps for creating awareness and to combat this pandemic situation.

CONCLUSION

- It can be concluded that out of the many pandemics that have occurred in the past, Covid-19 is the most recent and challenging in current times.
- Just like any other pandemic, Covid-19 also has features like wide geographical extension, movement of disease and severity of disease.
- An immediate and effective intervention can help to reduce the negative impacts of the pandemic.

PART-2 Online Course on-

1) ESSENTIALS OF GLOBAL HEALTH

- The course “Essentials of Global Health” is available online on www.Coursera.org. The duration of the course is 21 hours and the course instructor is Richard Skolnik.
- The objectives of the course are to learn about global health, progress made in this field in the past and issues related to global health.
- The methodology for the course were lectures, reading materials and videos.
- Through the course we learnt about the key health indicators of health, the burden of disease (DALY) and key health disparities related to low-income and low and middle-income countries.

2)CONTACT TRACING

- Contact tracing course is also available on [www.Coursera.org](https://www.coursera.org). The instructor of the course is Emily Gurley.
- The objective of the course is to learn about the term contact tracing, issues related to them and strategies to overcome them.
- The methodology was lectures and videos representing the practical settings.
- In this course we learnt about the meaning of Corona virus, its origin and its signs and symptoms. We also discussed about the contact tracing methods and transmission and diagnosis of Corona virus.



THANK YOU