



**SRI VENKATESWARA COLLEGE  
(University Of Delhi)**



1961 - 2021

# **SPIKE FUN**

## **THE BOARD GAME**

**RULE BOOK**

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## MESSAGE FROM THE PRINCIPAL'S DESK

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Congratulations to the **Spike Fun team** for coming up with this creative and innovative board game idea. Despite the pandemic, students of the **Department of Biochemistry** remained spirited and showcased immense resilience to generate social awareness about COVID. Scientific temper and knowledge should contribute meaningfully and constructively to society. The game is a testimony to the diligent efforts of the team which certainly helps in spreading awareness and optimism among people in the society. I compliment the enthusiasm of the students for making a difference through out-of-the-box thinking. The mentor of the student team **Dr. Ravindra Varma Polisetty** deserves appreciation for motivating the students and extending his full support to the students in their endeavor.

All the best!



**Prof. C. Sheela Reddy**

Principal

Sri Venkateswara College

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## MESSAGE FROM THE MENTOR

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"Spike Fun" is a board game designed for the purpose of raising awareness about COVID in the society. The players enjoy the game and subsequently learn about various simple preventive steps, basic symptoms, and brief knowledge of diagnostic methods associated with COVID. It makes them more vigilant to cope with the new normal situation during this pandemic time. I wish that this board game will particularly promote students to further study about the COVID and its larger impact on society



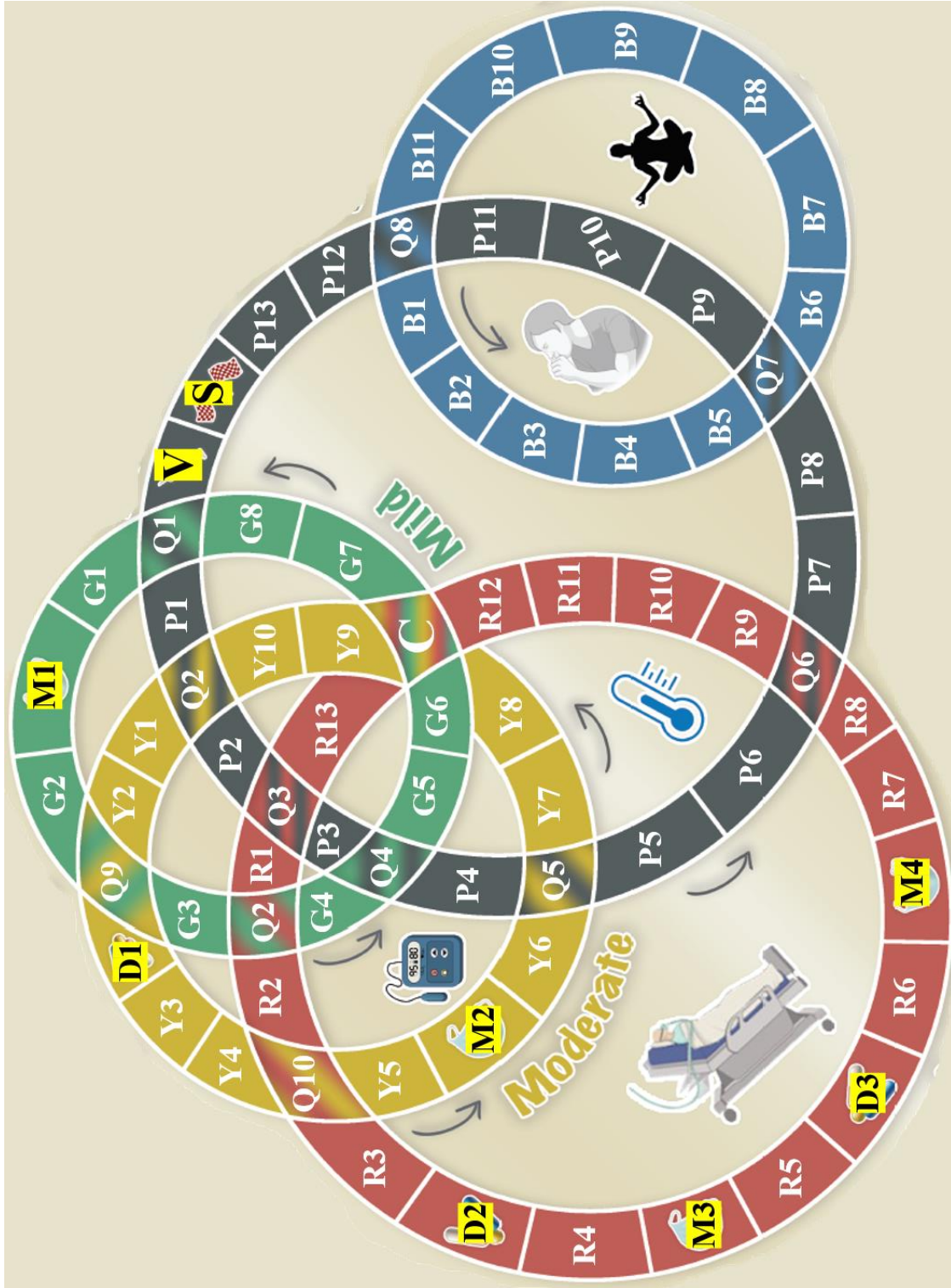
**Dr. Ravindra Varma Polisetty**

Assistant Professor

Department of Biochemistry

Sri Venkateswara College

# SPIKE FUN BOARD GAME - LAYOUT



- S – Start Tab
- V - Vaccine Tab
- C – Chaotic Tab
- P# - Path Tab
- G# - Mild Path Tab
- Y# - Moderate Path Tab
- R# - Severe Path Tab
- B# - Recovery Path Tab
- Q# - Intersection Tab
- D# - Drug Tab
- M# - Mask Tab

# RULE BOOK

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## REQUIREMENTS TO COMMENCE

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- This game can be played by **2-6 players**
- It is meant to be played with a **single die**

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## HOW TO START

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- All the players stand outside the ring initially. One needs to **roll a 1 or a 6 to enter into the game**, after which they can move to the start tab (**Tab S** – refer labelling at page 1)
- The number on the die determines the number of steps each player needs to move

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## CIRCLES AND COLORS

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- Each color of the circle on the board is indicative of a particular degree of severity of the corona virus infection. The following table depicts the same;

**Table 1: Significance of various colored circles**

Color of the Circle	Significance	Number Of Steps
Grey	Circle Of Life	23 (15 + 8)
Green	Mild Symptoms	14 (9 + 5)
Yellow	Moderate Symptoms	17 (12 + 5)
Red	Severe Symptoms	22 (17 + 5)
Blue	Recovery	13 (11 + 2)

\*\* Number of steps = Total number of steps (core tabs + mixed tabs)

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## THE INTERSECTIONS

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- A player needs to continue on the same path until they land on an intersection point (Tabs Q).
- When a player lands on any intersection tab (diagonally colored gradient tab), they need to shift their game-piece/token (symbolizing Covid warrior) from the existing path to the subsequent path.

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## SPECIAL TABS

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Throughout the game, there are certain special tabs that confer an advantage to the player landing on them. These tabs are as follows:

## VACCINE TAB

- There is a single “Vaccine Tab” in the entire game, which establishes the fate of a player.
- If a player lands on this tab, they are exempted from entering the red circle (severe symptoms zone) for the rest of the game.

## MASK TAB

- Landing on the mask tab is advantageous for the players.
- A single mask allows a player to be exempted from the physical distancing norm once. (\*refer the physical distancing rule)
- Two masks allow a player to change to the subsequent path from the upcoming intersection point irrespective of whether or not they land on the intersection tab and continue the remaining steps on the path with milder symptoms.  
Example: Player A is currently on position R1 (refer labelling on page 1) He/ she rolls the die and gets a 6. Now, if this person has 2 masks, he/she can use it to change their path to yellow (moderate zone) and reach position Y6.
- These collected masks can be utilized by a player at any point during the game.
- A player can use the gained mask points to its advantage only once.

## DRUG TAB

- The tab allows the player to move to the preceding intersection point and continue their journey on the path with milder symptoms from the next turn  
Example: A player if steps at D1 (refer labelling on page 1) he/ she needs to land at Q9 while if the player steps on D2/3, he/she needs to land at Q10.

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## CHAOTIC TAB

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- At the centre of the game, lies a tab where all three- mild, moderate and severe paths intersect (diagonally tricolored gradient) which is named as “Chaotic Tab”.
- If a player lands on the Chaotic tab they need to roll the dice again to determine which track they have to continue here onwards (refer table 2)
- The conditions of changing path would vary for the vaccinated and non-vaccinated players i.e., the vaccinated person will be exempted from entering into the red circle (severe symptom)

**Table 2: Chaotic tab die roll and path determination**

Die Roll: Non-Vaccinated		Die Roll: Vaccinated	
1 or 2	Mild symptom (green path)	1 or 2 or 3	Mild symptom (green path)
3 or 4	Moderate symptom (yellow path)	4 or 5 or 6	Moderate symptom (yellow path)
5 or 6	Severe symptom (red path)		



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## PHYSICAL DISTANCING RULE

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- Physical Distancing Rule- If a player's token/ game piece is occupying a certain tab and another player happens to land at the same tab- it will be considered as a violation of the physical distancing rule and the second player will have to jump to the chaotic tab.
- This **rule is not applicable at the start tab, vaccine tab and chaotic tab.**

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## HOW TO FINISH/ WIN THE GAME

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- The first person to reach back to the start position wins the game

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## COMPONENTS - LEGEND

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- The following table highlights the icons on the board and their respective significance:

ICON	SIGNIFICANCE	ICON	SIGNIFICANCE
	Start Tab		Mask Tab
	Vaccine Tab		Drug Tab

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## SIGNIFICANCE OF THE TABS

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### **MASKS**

- Mask is an essential daily wear in COVID times that suppresses the transmission of the infection significantly.
- Appropriate use, storage, washing and disposal of masks is essential to benefit maximally.
- Depending on the type, masks can be used for either protection of healthy persons or to prevent onward transmission.

### **VACCINES**

- Vaccination activates the body's natural defense mechanism to build resistance against specific pathogens.
- Equitable administration of safe and effective vaccines across populations is a mandate to put an end to the pandemic.
- Currently, following vaccines have been granted approval for administration in India

VACCINE	TYPE	DEVELOPED BY	DOSES
<b>Covaxin</b>	Inactivated Vaccine	Bharat Biotech and Indian Council of Medical Research (ICMR)	2 (8-12 weeks apart)
<b>Covishield</b>	Recombinant Vaccine	Serum Institute of India (SII)	2 (12-14 weeks apart)
<b>Sputnik-V</b>	Recombinant Vaccine	Gamaleya National Centre of Epidemiology and Microbiology	2 (3 weeks apart)
<b>Moderna</b>	mRNA Vaccine	Moderna, the United States National Institute of Allergy and Infectious Diseases (NIAID) and Biomedical Advanced Research and Development Authority (BARDA)	2 (4 weeks apart)
<b>Janssen COVID-19 Vaccine</b>	Recombinant Vaccine	Janssen Pharmaceutical Companies of Johnson & Johnson	1

More information about Management of COVID-19 can be found at <https://www.cdc.gov>

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We would also like to extend our sincere thanks to the **Principal Prof. C. Sheela Reddy, Sri Venkateswara College** and the **Department of Biochemistry**, Sri Venkateswara College for trusting us with this golden opportunity that made us put our thinking caps on.

Most of all, we are grateful to our **families** for supporting us throughout the duration of this project with utmost compassion.

Lastly, we would like to applaud the efforts of **all the front-line workers**, who have worked and continue to work, tirelessly day and night to curb the pandemic.

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