

# SYNAPSE



**NOVEMBER- DECEMBER  
2022**

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# NEWS FROM THE CAMPUS

## MOCK INTERVIEW

DATE: 29 OCTOBER 2022

International institute of hospital management and research Delhi had organized “Mock Interview” session for batch 2021-23 on October 29, 2022. The objective of the session was to help students in learning specifics of appearing in interview, how to answer difficult questions, develop interview strategies and controlling anxiety during interview. The session was also helpful for the students in evaluating their current skill set and identifying the gaps.



## NATIONAL UNITY DAY CELEBRATIONS

DATE: 31 OCTOBER 2022

The 147th birth anniversary of Sardar Vallabhbhai Patel and Rashtriya Ekta Diwas (National Unity Day) was celebrated at IIHMR Delhi on October 31st, 2022. The students highlighted various aspects of the life of Sardar Patel during the event. They were motivated by the fervor of our dedicated leader and pledged to follow his teachings in their life.





# NEWS FROM THE CAMPUS

## BADMINTON WEEK

DATE: 05 NOVEMBER 2022

International institute of hospital management and research Delhi had organized Badminton week on 5th November 2022 by sports committee under the guidance of Dr. Mukesh Ravi Raushan. The students and faculty members had actively participated in the event.

### **The winners were as follows:**

#### Girls Singles:-

1st- Prerna Soni

2nd- Jaganjeet

#### Girls Doubles:-

1st- Jaganjeet and Mimansha

2nd- Aastha Khurrana and Saloni Kastwar

#### Boys Singles:-

1st- Col. Manoj

2nd- Dev Parashar

#### Boys Doubles:-

1st- Col. Manoj and Rajdeep

2nd- Dev Parashar and Prannoy Mandal



# NEWS FROM THE CAMPUS

## PANEL DISCUSSION

DATE: 06 DECEMBER 2022

International institute of hospital management and research conducted panel discussion for 1st year students on 06th December 2022 and 8th December 2022 on the topic "How to Utilize time at IIHMR Delhi in next one year fruitfully?"



## SEMINAR ON SEXUAL HARASSMENT OF WOMEN AT WORKPLACE

DATE: 29 AND 30 JULY 2022

International institute of hospital management and research Delhi had conducted an awareness and sensitization seminar on sexual harassment of women at the workplace on 7th December, 2022. Dr.Preetha GS, convened the seminar by giving a welcome address. Advocate Ashok Mittal informed about the composition and functions of the Internal Complaint Committee and how it works for the welfare and grievance redressal in case of sexual harassment. All the faculty members, staff and students actively participated in the discussion and asked several questions.





# NEWS FROM THE CAMPUS

## INNOHEALTH CONFERENCE

DATE: 10 DECEMBER 2022

The INNOHEALTH Conference held on 10th December 2022 was a huge success, with the whole event being volunteered and supervised by the very talented students of first year IIHMR Delhi-Dr.Nehadur Mallick, Mr.Syed Saif Alam and Dr.Palla Gayatri. The theme of the event was Digital Health which was highly relevant and the agenda was packed with inspiring topics such as Innovate HER, Digital Health Services for Non-Communicable diseases, Getting Healthcare data right, and more.

### Organizing committee:

Mr. Vaibhav Kashyap

Dr. Harsh Aggarwal

Dr. Anushka Singh

Dr. Ishani Chattopadhyay

Dr. Saloni Kastwar

Ms. Himanshi Goel

Mr. Saurav Suman

Mr. Atishay Jain

Ms. Kriti Sharma

Dr. Nitya Kapoor(PT)

Ms. Sakshi Chauhan

Ms. Suhani Saxena

EMCEE:

Dr. Richa Shamani



# ACADEMIC CORNER

## CONCEPT OF “ONE HEALTH”

As per the concept of “One Health” the health of the human beings is connected to the health of the Animals and the Environment.

Concept of “One Health” is gaining importance in today’s era as most of the contagious diseases affecting human beings are zoonotic in nature.

As per One Health Commission,

“One Health is the collaborative effort of multiple health science professions, together with their related disciplines and institutions –working locally, nationally and globally to attain optimal health for people, domestic animals, wildlife, plants and our environment”.

As per Food and Agriculture Organization,

“A collaborative, International, cross sectorial multidisciplinary mechanism to address threats and reduce risks of detrimental infections disease at the Animal-Human-Ecosystem interface.”

One Health is not new, but it has become more important in recent years. This is because many factors have changed interactions between people, Animals, Plants and our Environment.

- Human population growing rapidly and expanding to new geographic areas. Due to this, more people live in close contact with wild and domestic animals, both livestock and pets.
- An animal plays an important role in our lives, whether for food, fiber, livelihoods, sports, education, and companionship. Close contact with animals and their environments provides more opportunities for disease transfer between animals and humans.
- Due to climate change and land use such as Deforestation and intensive farming practices. Disruptions in Environmental conditions and habitats provide new opportunities for disease to pass to animals
- Due to rapid globalization, the movement of people, animals and animal products have increased from international travel and trade , it leads to quick transfer of disease across borders and around the globe..



Image source: One Health Sweden and One Health Initiative

# ACADEMIC CORNER

The various Zoonotic disease are:

- COVID 19
- Ebola
- Nipah virus
- Zika virus
- West Nile virus
- Rabies
- Salmonella
- Anthrax

## FOUNDATION OF ONE HEALTH

- COMMUNICATING
- CO-ORDINATION
- COLLABORATION

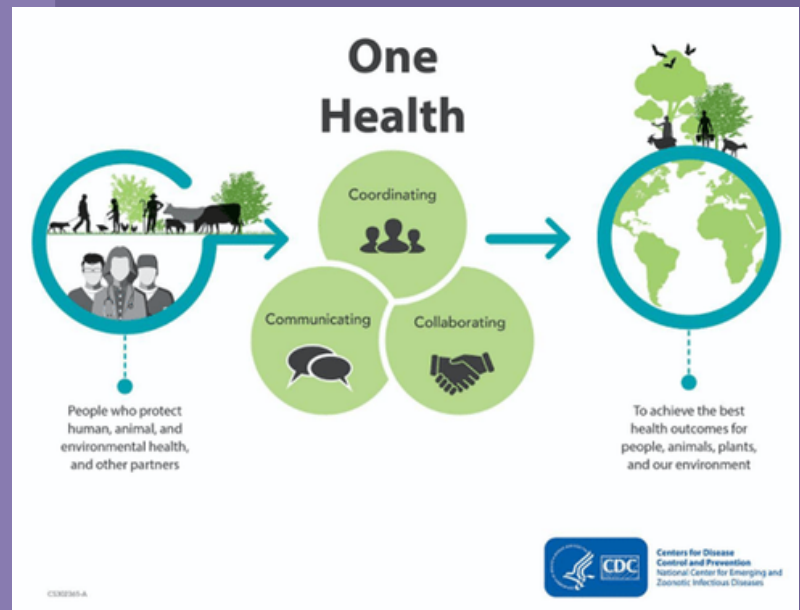


Image source: Centre for Disease Control and Prevention

“One Health” Approach can:

- Prevent outbreak of zoonotic disease in animals and humans.
- Reduce Antimicrobial resistant infections and improve animal and human health.
- Improve food safety and security.
- Protect global health security.

## INDIA'S FRAMEWORK FOR “One Health”

Derived its blueprint from agreement between:

- Food and Agriculture Organization (FAO)
- The World Organization for Animal Health
- The World Health Organization (WHO)
- United Nations Environment Programme (UNEP)

This global initiative is supported by the UNICEF (United Nations Children's Emergency Fund) and World Bank for the goal of “One World, One Health”.

For successful Public Health interventions requires cooperation of Humans, Animals and Environment health partners.

Human Health (Doctor, Public health practitioners, Epidemiologist)

Animal health (veterinarians, agriculture workers)

Environment (Ecologist, Wildlife expert).

The COVID 19 pandemic showed the relevance of “One Health” in the efforts to prevent and contain zoonotic disease throughout the world.

India needs to scale up such models across the country.

Promoting Awareness and increased investment towards meeting “One Health” is the need of the hour.

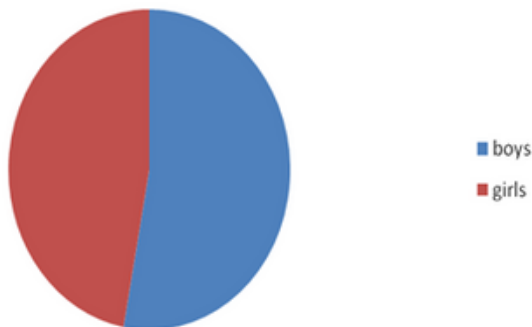


# RESEARCH CORNER

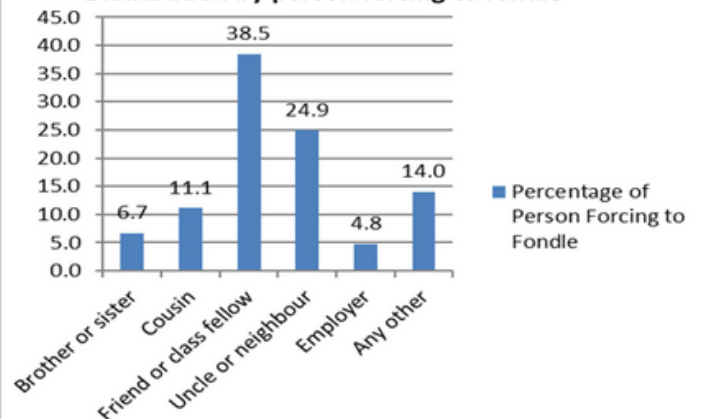
## MALE CHILD SEXUAL ABUSE

Forty percent of the Indian population are children (1). According to U.S. News and World Report's global perceptions-based survey on the best countries to raise children in, India ranks at 65 out of 80 countries (2). This ranking in itself shows that India lacks a healthy and safe environment to raise a child. Now when we talk about one particular crime against children, CHILD SEXUAL ABUSE (CSA) is the most concerning. It is a very damaging physical as well as psychological event in the life of a child. The World Health Organization (WHO) defines child sexual abuse as "The involvement of a child in sexual activity that he or she does not fully comprehend and is unable to give informed consent to, or which the child is not developmentally prepared, or else that violate the laws or social taboos of society".

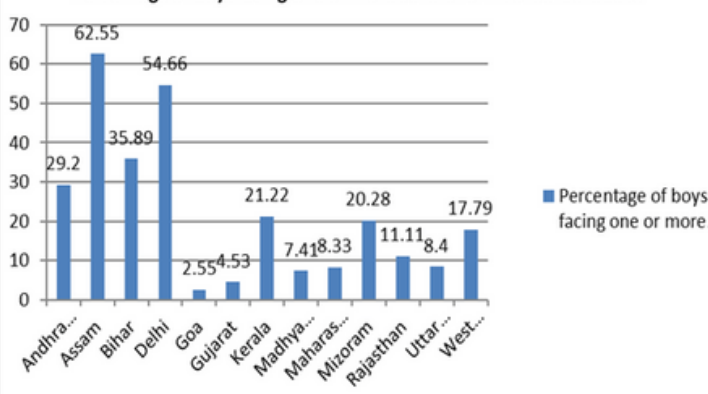
Gender wise percentage distribution of children sexual abuse



Distribution by person forcing to fondle



Percentage of boys facing one or more severe forms of sexual abuse



State and age break up (%) of children reporting photographed in nude

Younger	Children (5-12)	Children (13-14)	Adolescents (15-18)
Andhra Pradesh	46.24	21.51	32.26
Assam	53.66	15.85	30.49
Bihar	54.35	22.83	22.83
Delhi	52.17	27.17	20.65
Goa	66.67		33.33
Gujarat	47.62	33.33	19.05
Kerala	25.81	22.58	51.61
Madhya Pradesh	20.00	40.00	40.00
Maharashtra	57.14	28.57	14.29
Mizoram	14.29	28.57	57.14
Rajasthan	48.00	24.00	28.00
Uttar Pradesh	42.50	35.00	22.50
West Bengal	55.56	16.67	27.78
Total	48.17	23.81	28.02

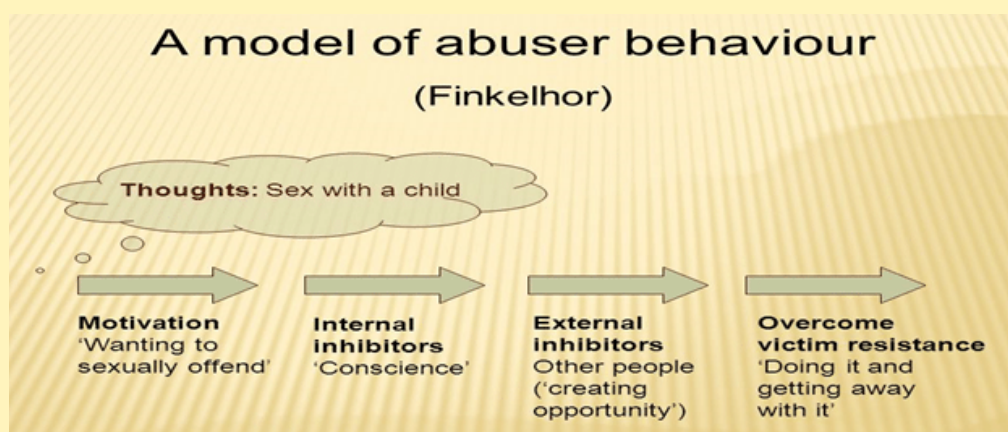
# RESEARCH CORNER

The Ministry of Women & Child Development conducted a study in 2007 with the support of UNICEF, Save the Children and Prayas foundation on child sexual abuse. Data from 17,220 respondents across 13 states in India was gathered through one-to-one interaction and focus group discussions (3). Followings are some key findings of the study.

It is clearly evident from the 2007 study report that male child sexual abuse is more than female sexual abuse, yet there is deafening silence on this issue. The reasons behind this silence could be any of the following (1):

- Patriarchal society: There is still social stigma attached to it, Male are taught to be tough and strong from the beginning, they are taught to be 'Protector' and abuse is somehow considered weakness.
- Lack of evidence: e.g. semen sample can be collected from vagina as evidence but penetrative sexual abuse in male is either anal or oral and semen can't be collected due to contamination of it.
- Many cases of female CSA are discovered due to pregnancy, which is not the case of male CSA.
- Society is less sympathetic towards male child victim as compared to female child victim. According to the news article published in Times Now News, boys did not open up about their plight due to stigmatization and lack of trust (4).
- According to The Week magazine, when a boy goes to a police station to report that he has been sexually abused, the vocabulary is rather limited. Especially in local languages. Police stations will not easily believe that boys too can be subjected to penetrative sexual offence. How can that happen to boys, is the common reaction (5).

Male CSA is more common than Female CSA, Finkelhor's theory (1) can explain this:



# RESEARCH CORNER

- Male Child Sexual Abuse has dire consequences like confusion about sexual orientation, low self esteem, depression ,loss of interest in daily activity, physical discomfort or injury and ironically later on, in some cases abused becomes abuser.
- The Protection of Children from Sexual Offences (POCSO) Act was introduced in 2012 as an outcome of the 2007 study report to take strict and fast action against child abuse.
- The POCSO Act is gender-neutral and provides for stringent punishment to the offenders. For the first time in India, there existed a statute that recognizes the fact that boys too are victims of sexual abuse. A 2019 report by The National Crime Record Bureau revealed that registration of cases under the POCSO Act has increased by 18.9 per cent. While, of the 26,192 cases filed under POCSO Act that has rape charges, 25,934 were girls, and only 258 were boys. Male child sexual abused reporting is still very low (6).
- Even after a high percentage of male CSA, we are still lacking in addressing the issue. Male child should also be observed like we do in case of female child (1). Government should enact new policies to bring justice to victims. Psychological effects of abuse should be addressed (1). It is high time that we teach male child the concept of good touch and bad touch, like we do teach a female child. We need to sensitize male child toward the fact that men can get hurt too (5). Children are our precious future, and we need to protect them at any cost possible.

## REFERENCES:

- 1.Subramanyan VKS et al. Silence of male child sexual abuse in India: Qualitative analysis of barriers for seeking psychiatric help in a multidisciplinary unit in a general hospital. Indian J Psychiatry. 2017 Apr-Jun; 59(2): 202-207.
- 2.U.S. News. Best Countries for Raising Kids [Internet]. [cited 2022 Dec 20]. Available from: <https://www.usnews.com/news/best-countries/best-countries-to-raise-a-family>
- 3.Ministry of Women & Child Development. Study on Child Abuse: India 2007. New Delhi: MOWCD, GOI; 2007 [cited 2022 Dec 20]. Available from: <https://resourcecentre.savethechildren.net/pdf/4978.pdf/>
- 4.Times Now News. Abuse of male child not a myth: 17 per cent child sexual abuse cases from Kerala pertain to boys [Internet]. [cited 2022 Dec 20]. Available from: <https://www.timesnownews.com/india/article/abuse-of-male-child-not-a-myth-17-per-cent-child-sexual-abuse-cases-from-kerala-pertain-to-boys-pocso-act/679570>
- 5.Sneha Bhura. Decade after POCSO, campaign aims to highlight male sexual abuse. The Week [Internet]. 2022 Apr 13 [cited 2022 Dec 20]. Available from: <https://www.theweek.in/news/india/2022/04/13/decade-after-pocso-campaign-aims-to-highlight-male-sexual-abuse.html>
- 6.National Crime Records Bureau. Crime in India 2019 Statistics. Ministry of Home Affairs, 2019.



# HEADLINES: HOSPITAL

## BANARAS HINDU UNIVERSITY'S HOSPITAL CONDUCTS FIRST PEDIATRIC SURGERY USING 4K METHOD

15 NOVEMBER 2022

The most advanced and latest way of carrying out laparoscopic surgery has been installed in Sir Sunderlal Hospital.

[Click here to view full article](#)

~SOURCE: NDTV

## AIIMS DELHI SERVER DOWN, RANSOMWARE ATTACK SUSPECTED

23 NOVEMBER 2022

All sections of the hospital have been functioning manually since 7 in the morning as the servers started malfunctioning.

[Click here to view full article](#)

~SOURCE: NDTV

## DELHI: ABHA ID FACILITY BEGINS AT SAFDARJUNG HOSPITAL

07 DECEMBER 2022

After AIIMS Delhi, this is the second government hospital to come up with an Abha ID scanning system. The purpose for this step is to decongest the OPD rush.

[Click here to view full article](#)

~SOURCE: THE TIMES OF INDIA

## MANIPAL HOSPITALS TO DIGITALLY TRANSFORM WITH GOOGLE CLOUD

09 NOVEMBER 2022

The plan is to enable virtual care services across the hospital chain, create a new e-pharmacy platform that allows patients to order medicines directly from the hospital, and to build remote patient monitoring.

[Click here to view full article](#)

~SOURCE: THE TIMES OF INDIA

## ASSAM CHIEF MINISTER INAUGURATES NEW INFRASTRUCTURE PROJECTS AT GAUHATI MEDICAL COLLEGE AND HOSPITAL

07 DECEMBER 2022

Assam Chief Minister Inaugurates New Infrastructure Projects at Gauhati Medical College and Hospital.

[Click here to view full article](#)

~SOURCE: NDTV

# HEADLINES: HEALTH

## WILL ERADICATE TB BY 2025, SAYS HEALTH MINISTER

DECEMBER 11TH, 2022

Union Health Minister Mansukh Mandaviya said the government had planned to eradicate tuberculosis (TB) by the end of 2025.

[Click here to view full article](#)

~SOURCE: THE TRIBUNE

## 75% WITH HYPERTENSION IN INDIA HAVE UNCONTROLLED BP: LANCET

NOVEMBER 28TH, 2022

Meta research of 51 studies finds poorer control rates among males. The study reinforces uncontrolled BP as a key contributor to mortality.

[Click here to view full article](#)

~SOURCE: THE TIMES OF INDIA

## FLU VACCINE MAY CUT RISK OF HEART ATTACK

NOVEMBER 30TH, 2022

28% reduction in strokes, cardiac arrest: Study. A study in AIIMS cardiology department has recommended that people with weak cardiac conditions or those who have suffered heart failure should take influenza vaccines as they are effective in reducing the chances of a heart attack.

[Click here to view full article](#)

~SOURCE: THE TIMES OF INDIA

## MORE WARNING OF SUBSTANTIAL RISE IN TYPE 2 DIABETES IN YOUTH

DECEMBER 9TH, 2022

There has been a significant increase in early onset type 2 diabetes in teens and young adults around the world, and in particular, in nations with low-middle and intermediate sociodemographic indices, and in women under 30 years of age, a new study has shown.

[Click here to view full article](#)

~SOURCE: MEDSCAPE

## NOT SITTING RIGHT? YOU MAY BE INVITING BACK, NECK PAIN

NOVEMBER 28TH, 2022

Nearly 10-15% of about 150 new patients visiting the rheumatology department of AIIMS daily on average suffer from lifestyle disorder. 1kg weight gain puts an additional 3kg stress on weight bearing joints like knees and 6kg on hips. Use of smartphones and laptops for a long period while sitting or lying down on the bed in an incorrect posture is leading to pain in fingers, wrists, neck and back.

[Click here to view full article](#)

~SOURCE: THE TIMES OF INDIA

# HEADLINES: HEALTH-IT

## PAYTM LAUNCHES ABHA HEALTH LOCKER

DECEMBER 07th, 2022

This feature enables encrypted storage of all health documents, making them safely accessible. It also provides a unique QR code to users to book appointments and share their medical documents at health facilities.

[Click here to view full article](#)

~SOURCE: THE ECONOMIC TIMES

## ROCHE PHARMA INDIA LAUNCHES MOBILE APP FOR CANCER PATIENTS

NOVEMBER 30th, 2022

The company's flagship patient assistance programme Blue Tree caters to cancer, haemophilia and rare disease patients. Over 11,000 patients are currently enrolled in this programme.

[Click here to view full article](#)

~SOURCE: MOBI HEALTH NEWS

## INDIAN START-UPS SCORE NEW FUNDINGS AND MORE BRIEFS

NOVEMBER 25TH, 2022

Ayurveda tech start-up NirogStreet snaps up \$12M in Series B funding and Men's health start-up Bonatra obtains pre-seed funding.

[Click here to view full article](#)

~SOURCE: MOBI HEALTH NEWS

## EKA CARE IMPLEMENTS FAST-TRACK OPD TOKEN GENERATION UNDER ABDM

DECEMBER 08TH, 2022

Eka Care, an Ayushman Bharat Digital Mission (ABDM)-approved Personal Health Records (PHR) app has joined hands with 11 government hospitals across India and is leading the fast track OPD token implementation under ABDM.

[Click here to view full article](#)

~SOURCE: THE ECONOMIC TIMES

## MAHARASHTRA: NEW COWIN APP SET TO TRACK 'ZERO DOSE' KIDS

DECEMBER 04TH, 2022

The system would be more transparent and accountable after integration. The digital records would help connect the Centre, states and districts without physically moving the files. The focus would be on tracking the "zero dose" children and help vaccinate them under the Universal Immunisation Programme (UIP).

[Click here to view full article](#)

~SOURCE: THE ECONOMIC TIMES

## JIO, ILBS TO PARTNER FOR 5G USE CASES IN HEALTHCARE

DECEMBER 6TH, 2022

Reliance Jio and the Institute of Liver and Biliary Science (ILBS) will sign a strategic partnership to use the telco's 5G standalone (SA) network to power healthcare technologies for various use cases.

[Click here to view full article](#)

~SOURCE: THE ECONOMIC TIMES



# STUDENT PLACEMENTS

IIHMR, DELHI as an institute promises to provide worldwide opportunities to the students with its excellent placement record nationally and internationally. Various government as well as private organizations have visited the institution till now and many are yet to come. Following are the students who have made it to the respective organizations.

## **EY: PPO**

Vaibhav Kumar Singh  
Sudhanshu Batra  
Ruchi Babra  
Shivangi Dash  
Dr. Sonal Saxena

## **DELOITTE:**

Dr. Shruti Tyagi (PT)  
Kritika Singh

## **PwC:**

Anindya Mukherjee  
Jyoti Yadav

## **COGNITIO ANALYTICS:**

Kinshuk Jain  
Shivangi Agarwal

## **IPE GLOBAL:**

Dr. Yasmin Khan

## **NHSRC:**

Dr. Richa Verma  
Dr. Sheetal Surjeet  
Brajraj Tripathy  
Tanya Singh

## **EyeQ:**

Prudhvi raj gopisetty  
Dr. Versha yadav  
Prashant Pokhriyal  
Alida Roy Palappilli  
Dr. Akshita Gupta  
Renu Gupta  
Dr. Bhavika Aggarwal  
Dr. Disha Bakshi  
Megha Goud

## **Doctor Alliance:**

Chhandasri Mishra  
Dr. Afreen Hussain  
Dr. Azmin Sheikh

# SYNAPSE TEAM

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- 1. Dr. Sonia Rapadia**
- 2. Dr. Kumari Sristi**
- 3. Dr. Simran Das**
- 4. Dr. Shrutika Shukla**
- 5. Shraiya Srivastava**
- 6. Prachi**
- 7. Dr. Sunayna Singh**
- 8. Dr. Ishita Sharma**
- 9. Dr. Aayushi Singh**
- 10. Sudiksha Gupta**

*A fit body, a calm mind, a house full of love.  
These things cannot be bought, they must  
be earned.*

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Naval Ravikanth