

## IIC CALENDER ACTIVITY

### Topic: My Story-Motivational session by successful innovators

#### Innovation in Healthcare and Challenges - Robotic Surgery

#### REPORT

Organized by: **Institution Innovation Council & IQAC**

The Institution Innovation Council & IQAC successfully organized a guest lecture on "Innovation in Healthcare and Challenges - Robotic Surgery" on the 6th of February, 2024, from 02:00 PM to 04:00 PM. This event marked a significant occasion for our academic community, aimed at enlightening participants on the forefront of medical innovation, particularly in the domain of robotic surgery.

#### **Guest Speaker:**

Dr. Sreerag Kodakattil Sreenivasan, an esteemed figure in the medical community, graced the event as the guest speaker. Holding prestigious degrees such as M.B.B.S., M.S., D.N.B., M.Ch in Urology, and serving as the Additional Professor and Head at JIPMER, Dr. Sreerag brought a wealth of knowledge and experience to the discussion. His insights into the advancements and challenges of robotic surgery in healthcare were invaluable.

#### **Lecture Insights:**

**\*Advantages of Robotic Surgery\*:** Dr. Sreerag detailed the myriad benefits robotic surgery offers, including enhanced precision, reduced trauma to the patient, faster recovery times, and minimized risk of infection. He emphasized how these advantages contribute to improved patient outcomes and satisfaction.

**\*Disadvantages and Challenges\*:** Despite its benefits, robotic surgery is not without its drawbacks. The guest speaker discussed the challenges of high initial costs for purchasing and maintaining robotic systems, the steep learning curve for surgeons, and the potential for over-reliance on technology. He also touched upon the limitations in tactile feedback which surgeons face while operating robotically.

**\*Cost Implications\*:** A significant portion of the lecture was dedicated to analyzing the economic aspects of robotic surgery. Dr. Sreerag explored how the high costs associated with robotic systems could affect healthcare affordability and accessibility, weighing these against the long-term benefits of reduced hospital stays and fewer complications.

**\*Efficiency and Feasibility\*:** The discussion on efficiency highlighted how robotic surgery could lead to more precise and quicker surgeries but also how it requires thorough evaluation in terms of operational efficiency and outcome improvement. The feasibility of integrating robotic surgery into healthcare systems, especially in resource-limited settings, was scrutinized

### **Participants Details:**

The lecture was well-received, with a notable attendance that included 20 faculty members, 35 postgraduate students, and 140 undergraduate students, totalling 195 participants. The diverse audience contributed to a rich dialogue following the lecture, reflecting a keen interest in the topic among both the teaching and learning communities.

### **Acknowledgments:**

**\*Honorarium Presentation\*:** The honorarium for Dr. Sreerag Kodakattil Sreenivasan was graciously presented by Dr. Karthikeyan.K, Dean Academic, in recognition of the guest speaker's contribution to the field and his willingness to share his expertise with our institution.

**\*Certificate and Gift\*:** In a gesture of appreciation, Dr. R.N.Kagne, Dean, presented Dr. Sreerag with a certificate and a gift, symbolizing our gratitude and the enriching experience he brought to our academic environment.

### **Feedback and Certificates:**

Post-event, feedback was collected from the participants to gauge the impact of the lecture and identify areas for improvement in future events. The feedback was overwhelmingly positive, with attendees appreciating the depth of insight into robotic surgery's current status and future potential. Participation certificates were also distributed to the students and faculty members, acknowledging their engagement and contribution to the success of the event.

### **Way Forward**

The guest lecture on "Innovation in Healthcare and Challenges - Robotic Surgery" served as a significant platform for learning and discussion about the cutting-edge advancements in medical technology. Dr. Sreerag Kodakattil Sreenivasan's expertise provided an invaluable

perspective on the complexities and considerations in adopting robotic surgery within healthcare systems. This event has undeniably contributed to the ongoing dialogue on innovation in healthcare at our institution, inspiring students and faculty alike to explore the potentials and navigate the challenges of modern medical practices.



**INSTITUTION'S  
INNOVATION  
COUNCIL**  
(Ministry of Education Initiative)



**Sri  
MANAKULA  
VINAYAGAR**  
Medical College and Hospital  
KALITHEERTHALKUPPAM, PUDUCHERRY -605 107

**IIC CALENDER ACTIVITY**



**Dr. Sreerag Kodakattil Sreenivasan**  
**M.B.B.S., M.S., D.N.B., M.Ch (Urology)**  
**Additional Professor and Head**  
**JIPMER**

**Topic: My Story-  
Motivational session by  
successful innovators**

**Innovation in Healthcare and  
Challenges - Robotic Surgery**

Date:06.02.2024  
Timings:02:00-04:00 pm  
Venue: Lecture hall 4





WJFH+357, Madagadipet, Kalitheerthalkuppam, Puducherry 605107, India

Madagadipet  
Puducherry  
India

2024-02-06(Tue) 02:19(pm)

31°C  
88°F



WJFH+357, Madagadipet, Kalitheerthalkuppam, Puducherry 605107, India

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Puducherry  
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31°C  
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 **Sri MANAKULA VINAYAGAR** Medical College and Hospital  INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD Initiative)

## CERTIFICATE

Proudly presented to :

*Dr. Sreerag Kodakattil  
Sreenivasan*

participated in the “**Guest Lecture on Innovation in healthcare and challenges - Robotic surgery**” as “**Resource Person**” organized by the Institute Innovation Council & IQAC of Sri Manakula Vinayagar Medical College and Hospital, Puducherry.  
**SMVMCH, 06 February 2024**

 <b>Dr. Rajagovindan.D</b> Director	 <b>Dr. R.N. Kagne</b> Dean	 <b>Dr. K. Karthikeyan</b> Dean (Academic)	 <b>Dr. Deepika.V</b> IIC Coordinator
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