



AN INTERNATIONAL CONFERENCE &  
SURGICAL WORKSHOP



**GEM**  
**TECHNO SURG**

AI • ROBOTICS • FLUORESCENCE  
— IN SURGERY —



 **JUNE 19 - 20, 2026**

 **ITC GRAND CHOLA**  
— CHENNAI —



The logo for GEM TECHNO SURG features the word 'GEM' in a stylized, multi-colored font (blue, orange, and yellow) above the words 'TECHNO SURG' in a large, blue, outlined font. The background is a dark blue with glowing orange and white circuit-like patterns.

# TECHNO SURG

## Greetings from GEM HOSPITALS

It is our privilege to invite you to GEM TECHNOSURG 2026 .As surgical practice continues to evolve with the integration of Artificial Intelligence, robotic platforms, and advanced imaging technologies, there is an increasing need for structured learning and hands-on exposure.

Surgery is no longer defined by technique alone, but by technology and insight.”

TECHNOSURG 2026 is designed as a focused academic platform featuring renowned national and international faculty, delivering expert-led sessions, panel discussions, and immersive training experiences.

The conference will highlight the practical application of emerging technologies, enabling participants to integrate these advancements into everyday surgical practice. A key component of the program includes robotic simulation and skill-based training modules, providing an opportunity for participants to gain direct experience in a guided environment.

We invite you to be part of this academic initiative and engage with the future direction of surgery.

A portrait of Dr. C. Palanivelu, a man with dark hair and a mustache, wearing glasses, a white shirt, a dark tie, and a dark suit jacket. He is looking directly at the camera with a slight smile.

**Dr. C. PALANIVELU**

Chairman, GEM Hospitals

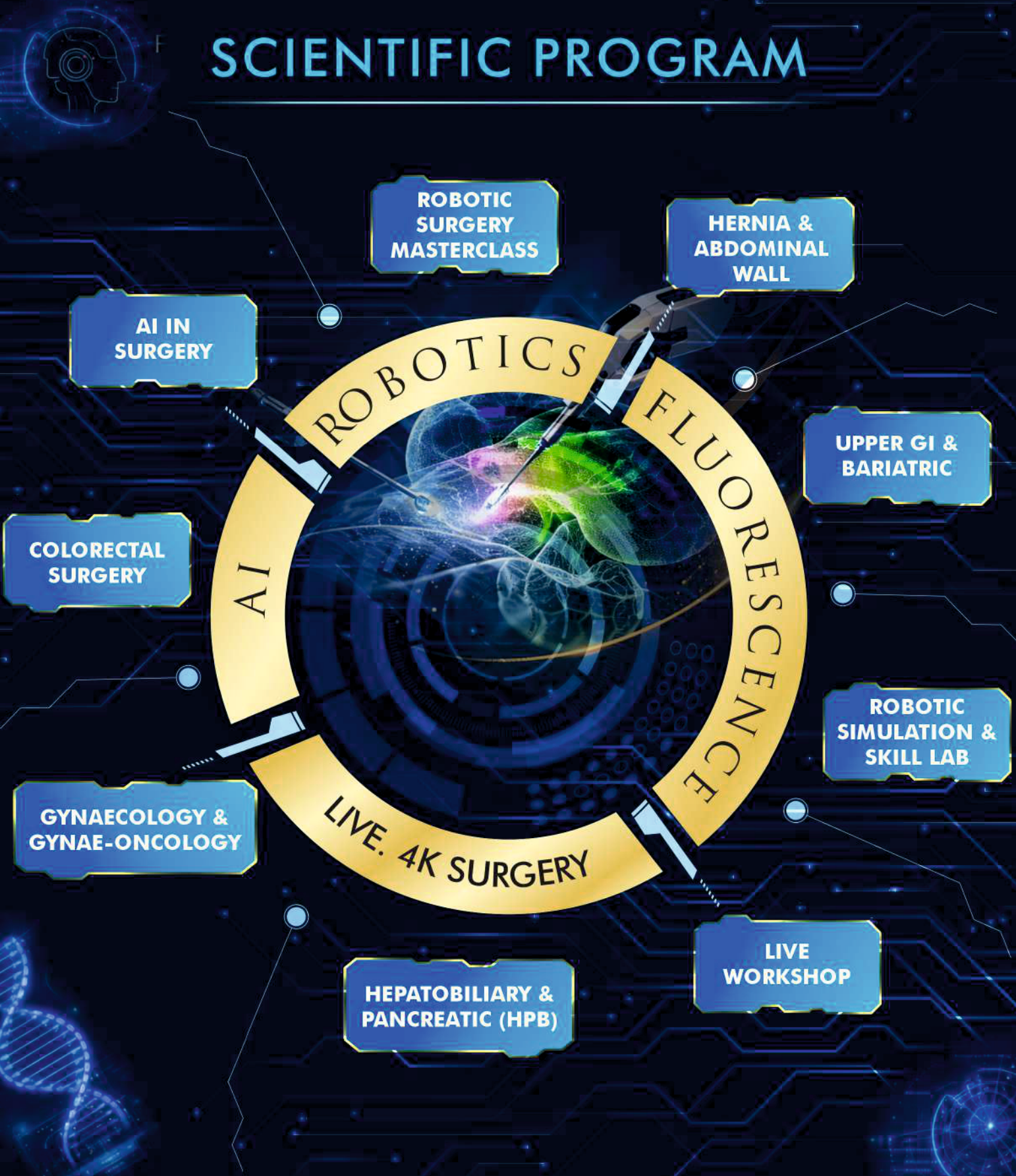


# FOR WHOM?

- General Surgeons • Surgical Gastroenterologists
- Surgical Oncologists • Gynaecologists
- Minimal Access & Robotic Surgeons



## SCIENTIFIC PROGRAM



# SCIENTIFIC PROGRAM



DAY1 - FRIDAY, 19/06/26

## ICG IN SURGERY

### GLOW BEYOND VISION: THE FUTURE OF FLUORESCENCE SURGERY

🕒 9:00 am - 10:00 am  
(10+2 min Each)

Inside the Glow: Principles & Science Behind ICG Imaging

From Signal to Precision: Applications of Fluorescence-Guided Surgery

Masters Speak: The Global ICG Perspective

ICG Systems overview

**Debate Arena:** ICG – Game Changer or Glamour Add on ?

## ROBOTIC SESSION

### RISE OF THE MACHINES: THE ROBOTIC REVOLUTION

🕒 10:00 am - 11:00 am  
(10 min Each)

Building a Robotic Surgery Program: From Vision to Reality

Cracking the Cost Code in Robotic Surgery

POV: Training the next gen OPEN /LAP/ROBOTIC

POV: FOMO in Robotics-- Does it really affect your Minimal access surgery practice

POV: Does a seasoned lap surgeon require robotics

# SCIENTIFIC PROGRAM



DAY1 - FRIDAY, 19/06/26

## ROBOTIC SESSION

### WHAT INDUSTRY IS BUILDING NEXT

 Break out Session

Da Vinci: The Gold Standard Evolves

MERIL/MISSO: India's Robotic Leap

SSI: The Challenger Emerges

HUGO: Redefining Robotic Freedom

Toumai Medbot: The Next Frontier

## CLASH OF TITANS

 11:00 am - 11:10 am

Debate session

Robotics Under Fire: Value Creator or Vanity Project?

## LIVE SURGERIES


### LIVE FROM THE FUTURE: SURGERY WITHOUT FILTERS

 2:00 am - 4:00 pm

Live 4K Surgeries From GEM Hospital Chennai.

ROBOTIC HERNIA / HPB / COLORECTAL SURGERY

HYSTERECTOMY / BARIATRIC / ICG

 1:00 pm - 2:00 pm

Lunch Break

# SCIENTIFIC PROGRAM



DAY1 - FRIDAY, 19/06/26

## AI SESSION



### AI UNLEASHED: WHEN INTELLIGENCE ENTERS THE OR

🕒 2:00 pm - 3:30 pm

Beyond the Human Eye: AI-Powered Surgical Measurements

Smarter Scopes: AI in Endoscopy

Designing Disruption: Product Thinking in Surgical Innovation

The Digital Surgeon: Foundational AI Models in Surgery

From Imaging to Insight: Immersive 3D Technologies for Precision and Patient-Specific Surgical Planning

Precision Beyond Boundaries: AI in Liver Transplantation

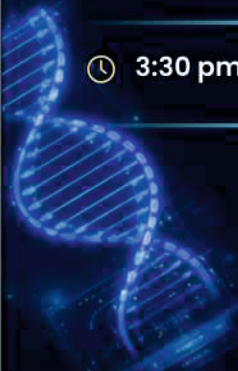
AI Meets Women's Health: Revolutionizing Gynec Surgery

## PANEL DISCUSSION

### BORDERS DISSOLVE: THE FUTURE OF TELESURGERY

🕒 3:30 pm - 4:00 pm

Can geography become irrelevant in surgery?



# SCIENTIFIC PROGRAM



DAY1 - FRIDAY, 19/06/26

## KEYNOTE SERIES

### THE FUTURE OF SURGICAL INNOVATION



🕒 4:30 pm - 6:00 pm

Can AI Become Your Co-Surgeon?

Surgomics: Decoding the DNA of Surgical Intelligence

Distance: No Longer a Limitation

From Fluorescence to Intelligence

## INAUGURATION

🕒 6:30 pm - 7:00 pm

Opening the Future

## BANQUET

🕒 8:00PM ONWARDS

Innovation After Hours



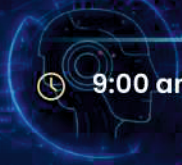
# SCIENTIFIC PROGRAM



DAY2 - SATURDAY, 20/06/26

## ICG MASTERCLASS

### THE FLUORESCENCE FRONTIER: BEYOND WHAT THE EYE CAN SEE



9:00 am - 11:00 pm

Glow in Complexity: ICG in Complex Ventral Hernia & AWR

Lighting the Upper GI Pathway: ICG in Upper GI Surgery

Guided by Light: ICG in Liver Transplantation

Precision by Fluorescence: Segmental Liver Resections Reimagined

Mapping Safety: Smarter Cholecystectomy Through ICG Navigation

Prevent Before It Leaks: Fluorescence for Colorectal Precision

Mapping the Invisible: Lymphatics, SLNB & Surgical Navigation

Weight Loss Meets Precision: ICG in Bariatric Surgery

Seeing Function Beyond Anatomy: ICG in Achalasia Cardia

## ROBOTIC FLAGSHIP SESSION

### ROBOTIC PROCEDURES REDEFINING SURGERY

11:00 am - 12.30 pm

Robotic PD: Precision at the Highest Level

The Future Esophagus: Robotic Esophagectomy Evolution

Pelvic Precision: Robotic ULAR / TME Masterclass

# SCIENTIFIC PROGRAM

DAY2 - SATURDAY, 20/06/26



🕒 11:00 am - 12:30 pm

The Abdominal Wall Reimagined

The Art of Robotic Hepatectomy

Beyond VATS: The Robotic Thoracic Era

Navigating the Biliary Tree with Robotics

## LIVE SURGERIES

**LIVE FROM THE OR: UNSCRIPTED. UNFILTERED. UNMISSABLE.**

🕒 12:30 am - 3:00 pm

Live 4K Surgeries From GEM Hospital Chennai.

## VIDEO AWARDS SESSION

🕒 3:00 am - 4:00 pm

Frames Of Excellence: Surgical Video Awards

## QUIZ

🕒 4:00 am - 5:00 pm

Battle of Minds: The Surgical Intelligence Challenge

**Closing Reflections: Carrying the Future Forward**

# FUTURE OF GYNEC SURGERY

DAY2 - SATURDAY, 20/06/26

## AI AND FLUORESCENCE IN GYNAECOLOGY

🕒 9:00 am - 9:45 am

AI In Preoperative Planning Of Breast & Gynaec Surgeries

Flourescence In Benign Gynaec Surgery

AI In Fertility And Obstetrics

## ROBOTICS IN GYNAECOLOGY

🕒 9:45 am - 11:30 am

Robotic Myomectomy

Robotic Hysterectomy-tips And Tricks

Robotics In Urogynaecolgy

Benign Ovarian Mass- Robotic Management

**Debate**- Robotics Is Meant Only For Complex Gynaec Procedures

## ENDOMETRIOSIS

🕒 11:30 am - 12:45 pm

Fertility Enhancing Surgeries In Endometriosis

Die- Role Of Robotics And Fluorescence

Nerve Sparing Endometriosis Surgery

**Panel Discussion** - Managing Stage 4 Endometriosis -  
Multidisciplinary Approach

# FUTURE OF GYNEC SURGERY



DAY2 - SATURDAY, 20/06/26

## GYNAEC ONCOLOGY

🕒 12:45 pm - 2:00 pm

Sentinel Lymph Node In Ca Endometrium

Robotics In Ca Ovary

Ca Cervix-near Live Robotic Radical Hysterectomy

Oncofertility Dialogue

AI In Adjuvant Treatment And Predicting Treatment Outcomes

## LIVE SURGERY

🕒 2:00 pm - 4:00 pm

Live 4k Surgery From Gem Hospital Chennai

## CLOSING SESSION

**THE FINAL WORD: CARRYING INNOVATION FORWARD**

# INNOVATION BREAKOUT SESSIONS

DAY2 - SATURDAY, 20/06/26



The Eureka Moment  
(Ideas and innovations)

Young Minds at Work  
(Poster presentation for  
MBBS students -  
Theme: AI in surgery)

The Surgical Oscars  
(video session)

»»» **CAPTURE. EDIT. PRESENT. (2PM TO 3PM)**

Master the essentials of surgical video documentation and presentation to elevate your academic and professional visibility

# THE SURGICAL DEBATE FORUM

Experience expert discussions that challenge established surgical approaches while exploring innovations shaping modern practice.

►►► TECHNIQUES    ►►► PERSPECTIVES    ►►► EVIDENCE

**TECHNOLOGY vs TECHNIQUE**  
What Matters More?

**ROBOTIC SURGERY**  
Precision or Price ?

**AUTONOMOUS SURGERY**  
Reality or Risk?

**SURGERY 2035**  
Will Surgeons Lead or Be Replaced?

**BORDERLESS SURGERY**  
Can Geography Become Irrelevant?



# Beyond a Conventional CONFERENCE



## » CAPTURE. EDIT. PRESENT.

Master the essentials of surgical video documentation and presentation to elevate your academic and professional visibility

Special Registration:

**PER DELEGATE: ₹ 2000/-**

**Dr. C. PALANIVELU**

### BEST VIDEO AWARD

Featuring exceptional Surgical Videos from leading surgeons worldwide, with the finest entries selected for recognition.

The Surgical Oscars  
(video session)

The Eureka Moment  
(Ideas and innovations)

Young Minds at Work  
(Poster presentation for MBBS students -  
Theme: AI in surgery)

A futuristic illustration of a surgical robot with a glowing green and purple light source, performing a procedure on a human organ, possibly a liver, which is also glowing with the same colors. The background is a dark blue with circuit-like patterns.

**GEM  
TECHNOSURG**

Register



\* Participants stand a chance to win prizes worth up to 3 lakhs

World-Class

# SURGICAL TECHNOLOGY

on Display

Explore cutting-edge Instruments, **Robotics, Imaging &**  
**Digital Health Innovations** from leading global manufacturers.



GEM  
**TECHNO SURG**



# GEM TECHNOSURG

📅 19<sup>th</sup> - 20<sup>th</sup> JUNE, 2026 ⌚ 10:00 AM - 05:00 PM

📍 ITC GRAND CHOLA, CHENNAI



	Till 30 <sup>th</sup> APR 2026	After 30 <sup>th</sup> APR 2026
Delegates / Practicing Doctors	₹ 7,000	₹ 12,000
Post Graduates	₹ 5,000	₹ 10,000
Accompanying Person	₹ 10,000	

## ACCOMMODATION (18th - 20th ) 2 Nights

	Before 31st MAY	After 31st MAY
ITC GRAND CHOLA, GUINDY	Single → 32,000 + GST	34,000 + GST
	Double → 34,000 + GST	36,000 + GST
PARK HYAAT, GUINDY	Single → 22,000 + GST	24,000 + GST
	Double → 24,000 + GST	26,000 + GST
RAMADA PALAZA BY WYNDHAM, GUINDY	<b>STANDARD</b>	
	Single → 16,000 + GST	18,000 + GST
	Double → 18,000 + GST	20,000 + GST
	<b>PREMIUM</b>	
Single → 18,000 + GST	20,000 + GST	
Double → 20,000 + GST	22,000 + GST	

FOR ACCOMMODATION OF SINGLE NIGHT CONTACT  
TEAM TECHNOSURG

REGISTER NOW



Website



# **GEM** TECHNOSURG

 19<sup>th</sup> - 20<sup>th</sup> JUNE, 2026

 10:00 AM - 05:00 PM

 ITC GRAND CHOLA, CHENNAI

LOCATION

