I-ROPE

TRANSFORMING SURGICAL TRAINING WITH ROBOTICS AT VIMS & RC





Vydehi Institute of Medical Sciences & Research Centre (VIMS & RC) has once again set a benchmark in medical education and healthcare by launching I-ROPE (Innovative Robotic Program for Excellence). This initiative, in collaboration with INTUITIVE, the maker of the da Vinci Robotic System, makes VIMS & RC the first private medical college in India to offer a comprehensive robotic training and certification program for surgical trainees.

Inauguration Ceremony – A Historic Moment

The inauguration ceremony of I-ROPE was held on 24th February 2025 at the Seminar Hall, Medical College Campus, Whitefield, Bangalore. The event witnessed the presence of esteemed dignitaries, including:

Chief Guest: Sri. L K Atheeq, IAS, Additional Chief Secretary to the CM, Government of Karnataka.

Guests of Honor: Dr. M K Ramesh, M.S., FRCS, Vice-Chancellor, Rajiv Gandhi University of Health Sciences, Karnataka. Dr. UT Iftikhar Ali Fareed, Chairman, Allied & Healthcare Council of Karnataka.

Dr. Riyaz Basha S, M.D, GMHE (IIM-B), Registrar (Evaluation), Rajiv Gandhi University of Health Sciences, Karnataka.

Presiding Over the Event: Dr. Kalpaja D A, Chairperson, Vydehi Group of Institutions.

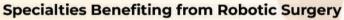


This pioneering initiative aims to train the next generation of surgeons in robotic-assisted surgery, bridging the gap between technological advancements and clinical expertise.

275 Successful Robotic-Assisted Surgeries at VIMS & RC

Since the installation of the da Vinci X 4th Generation Robot, VIMS & RC has successfully completed 275 robotic-assisted surgeries across multiple specialties. Below are the key milestones in our **robotic** surgery program:

- 16th February 2024: Installation of the da Vinci X 4th Generation Robot.
- 24th February 2024: The first robotic-assisted surgery was successfully performed.
- 12th March 2024: VIMS & RC performed its first robotic urology case.
- 22nd July 2024: A milestone of successful robotic-assisted surgeries was reached.
- 22nd November 2024: Another batch of robotic-assisted surgeries completed.
- 24th February 2025: The program continued to grow with further successful operations.



The robotic-assisted surgery program at VIMS & RC is a game-changer for multiple medical disciplines, including:

Surgical Oncology – Precise removal of cancerous tissues with minimal invasiveness.

Urology – Advanced robotic procedures for prostate and kidney surgeries.

General Surgery – Enhanced accuracy in complex procedures.

Gynaecology – Minimally invasive robotic techniques for hysterectomy and other surgeries.

Gastro Surgery – Improved patient outcomes in gastrointestinal procedures.

Why Robotic Surgery?

Robotic-assisted surgery offers numerous advantages, such as:

- Greater precision and control for surgeons.
- Reduced blood loss and complications.
- Smaller incisions and faster recovery times for patients.
- Enhanced visualization through high-definition
 3D imaging.







A Step Towards the Future

With 275 successful robotic-assisted surgeries and the launch of I-ROPE, VIMS & RC is shaping the future of medical education in India. This state-of-the-art robotic training program will empower surgeons with hands-on experience, ensuring better patient outcomes and surgical excellence. We remain committed to pushing the boundaries of innovation in healthcare and look forward to expanding our robotic-assisted surgery program to benefit even more patients and medical professionals.