

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.



Specialties Benefiting from Robotic Surgery

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.