



Academic Partner



EmbVisage 1.0

*International Conference on Embryo Culture Systems
and Process Control*

Shaping the Embryo's Journey – From Dish to Delivery through Evidence- based Lab Practice

Hosted by:

Department of Biomedical
Engineering and CfHE – IIT
Hyderabad



24 - 26

January, 2026



CC2 Auditorium,
IIT Hyderabad



Our Website:

www.embvisage.com

WELCOME MESSAGE

Welcome to EmbVisage 1.0

It is with great enthusiasm that we welcome you to **EmbVisage 1.0**—a pioneering international conference that brings together the brightest minds in embryology, assisted reproduction, and fertility industry. Hosted at the prestigious **IIT Hyderabad**, this three-day event is more than just a gathering—it is a celebration of innovation, evidence-based practice, and the shared vision of improving embryo culture systems from dish to delivery.

At EmbVisage 1.0, we are proud to offer a platform where global experts, passionate researchers, and thought leaders unite to exchange ideas, spark dialogue, and shape the future of IVF laboratory standards. From keynote addresses to expert panels, from hands-on workshops to spirited debates—every moment is designed to inspire, educate, and elevate our collective practice.

We invite you to immerse yourself in this vibrant exchange of knowledge and to be part of a movement dedicated to advancing outcomes for patients around the world. Together, let us reimagine the journey of life, one embryo at a time.

Welcome aboard—your presence marks the beginning of something remarkable.

Warm regards,

Team EmbVisage 1.0

Department of Biomedical Engineering & CfHE, IIT Hyderabad



OFFICE BEARERS

Chief Patron



B.S. Murty

Director, Indian Institute of
Technology Hyderabad

Conference Chair



Renu John

Professor, Department of Biomedical Engineering
Director, Center for Healthcare Entrepreneurship
(CfHE), IIT Hyderabad

Conference Co-Chair



Sandeep Karunakaran

Medical Director, Oval
Fertility, Hyderabad

Scientific Chair



Alex C Varghese

Director – Research & Innovation, Fertility
Associates, New Zealand

Conference Secretaries



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Senior Embryologist & Cluster Manager,
Apollo Fertility, Hyderabad



Tejaswini G Sanketh

Senior Embryologist & Trainer, LifeInVitro
Academy (LIVA), CfHE – IIT Hyderabad

Conference Coordinators



Arun Patil

Junior Embryologist &
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Junior Embryologist & Trainer,
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Manjoosha Yerrapragada

Research Associate
Department of Biomedical Engineering, Indian
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INTERNATIONAL FACULTY



Amy Barrie

Chief Scientific Officer,
Future Life Group UK



Ben Willem Mol

Professor of Obstetrics/Gynaecology
Monash University, Australia



Brian A Levine

Founding Partner at CCRM
Fertility USA



Fadi Choucair

Scientific Manager, Clinical Embryologist
Sidra Medicine and Research Center Qatar



Fernando Bronet

Director of IVF and PGD
Laboratories IVI, Spain



Jason Swain

Corporate Lab Director,
CCRM Fertility USA



Kenji Ezoe

Senior Scientist, Kato Ladies
Clinic Japan



Rita Vassena

CEO at Fecundis Spain
Member of the Executive Committee-ESHRE
Medical Director Fertility
CooperSurgical Fertility Solutions



NATIONAL FACULTY



Akash Agarwal



Aravind R



Azif Khan



Ashwini Kale



Aarti Deenadayal



Bindu Chimote



Charudutt Joshi



Charulata Chatterjee



Chandan N



Durai P



Dayanidhi Sharma



Dhannya Binoy



Dileep Kumar Ramaswamy



Fiona D'SOUZA



Gaurav Majumdar



Guruprasad Kalthur



Gaurav Kant



Goral Gandhi



Hetal Shukla



Jay Mehta



Jyothi Budi



Jayalakshmi Shroff



Kersi Avari



Krishna Chaitanya



Keshav Malhotra



Mohan Kamat



Manisha Vajpeyee



Naval Shah



Nishad Chimote



Nidhi Singh



Nancy Sharma



Parasuram Gopinath



Paresh Makwana



Pranay Ghosh



Prasad G



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Phalguni Patro



Parag Nandi



Ruma Satvik



Rohit Gutgutia



Rahul Sen



Ritesh Agarwal



Ram Prakash



Raghavender Kosgi



Rajul Tyagi



Sandeep Tawte



Sanjay Shukla



Sanjay Yatnale



Sarbjaya Singh



Swaminathan D



Satish Adiga



Srinivas MS



Sankalp Singh



Sujatha Ramakrishnan



Saroj Agarwal



Sarabpreet Singh



Suresh Kattera



Suvarchala Chekuri
Vardhan



Sargunadevi
Sivanantham



Sindhuja Srinivasan



Shalini Revuri



Sagar Chavan



Trisha Tiwari Mishra



Ved Prakash



Vasundhara Jagannathan



Vakeel Jagveer Singh



Vijay Kumar Chelur



Varsha S Roy



Vijay Mangoli



V Sasanka



Vandana Hegde



CORPORATE FACULTY



Ashish Modi

CEO & Medical Inventor
Shivani Scientific Industries
Pvt Ltd



Amit Bhatnagar

Vice President Asia Pacific
Fertility Solutions
CooperSurgical



Arvind Sivaramakrishnan

Chief Technology Officer
Asia Healthcare Holdings



Amit Mangal

Managing Partner
Opulix Advisory Services



Aji Issac Mathew

CEO Cofounder
TechShu & DMU



Ashish Tavildar

Associate Director
Grant Thornton Bharat LLP



Durga G. Rao

Medical Director
Oasis Fertility



Jaikanth Machery

Chief Financial Officer
SAR Healthline Pvt Ltd



Kiran Gadela

Co-Founder & Managing
Director Oasis Fertility



Madhur Singhal

Managing Partner and CEO
Praxis Global Alliance



Nitin Jagtap

Consultant Gastroenterologist
AIG Hospitals



Sures M

Chief Executive Officer
Sunfert International Fertility Centre



S Chandrasekhar

CEO - Oval Fertility, Reddy
Ventures LLP, (GVK Group)
Oval Fertility (GVK Group)



Sabine Sivadasan

Chairman and managing director
Sabine Hospital and research
Centre Private Limited, Kerala



Shilpa Arora

Director; Business Unit
Head - Fertility
Merck Group



Vivek Soares

Country Lead, India &
South Asia
Organon Asia Pacific



Veena Reddy

Co-Founder
Oval Fertility (GVK
Group)



Vinesh Gadhia

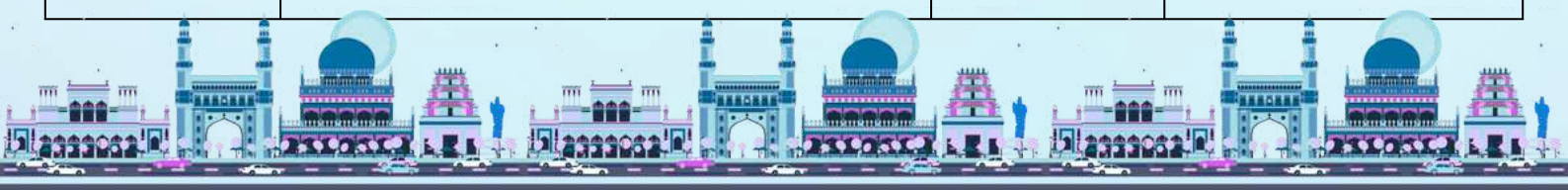
Executive Director &
Chief Executive Officer
Ferty9 Fertility Center



SCIENTIFIC PROGRAMME

Day 1 (24th Jan 2026)

TIME	SESSION	SPEAKER(S)	MODERATOR/ CHAIRPERSONS
08:30–8:40	Introduction	Renu John	
08:40–09:00	Culture media from manufacturing to dish: Impact of variations in handling on outcomes	Sanjay Shukla	Mohan Kamat, Parasuram Gopinath
09:00–09:20	Culture Under Pressure: The Genetic Cost of Suboptimal Lab Conditions	Sanketh S Dhumal	
09:20–09:40	Gamete quality on Blastocyst utilization and quality	Varsha S Roy	
09:40–10:00	Futuristic Imaging in ART	Renu John	
10:00–10:10	Q & A		
10:10–10:40	Inauguration	Prof BS Murty, Director, IIT Hyderabad	
10:40–11:00	Coffee Break		
11:00–11:30	Keynote: Laboratory KPIs: Rethinking Metrics and timings	Jason Swain	Renu John, Alex C Varghese
11:30–11:50	Making statistical sense in IVF unit	Mohan Kamath	Ruma Satvik, Suresh Kattera
11:50–12:10	Culture optimization and harmonization in a network of clinics across different countries	Amy Barrie	
12:10–12:30	Am I ready to treat patients? Personalized training and performance evaluation in IVF	Rita Vassena	
12:30–12:40	Q&A		
12:40–13:20	Cleavage stage and Blastocyst stage ETs in poor responders Panel Discussion: Brian Levine, Pranay Ghosh, Azif Khan, Jyothi Budi, Ruma Satvik, Nishad Chimote, Suresh Kattera	Experts: Vijay Mangoli, Fadi Choucair	Moderator: Parasuram Gopinath, Vasundhara Jagannathan



TIME	SESSION	SPEAKER(S)	MODERATOR/ CHAIRPERSONS
13:20–14:20	Lunch		
14:20–14:50	Debate: The house believes that ICSI is the standardised insemination technique	Rita Vassena vs Pranay Ghosh	Vijay Mangoli, Swaminathan D
14:50–15:10	Can all biopsied embryos implant? A quality issue	Fernando Bronet	Gaurav Majumdar, Jyothi Budi
15:10–15:30	How maternal age shapes early human embryo development	Kenji Ezoe	
15:30–15:50	Automation in the IVF lab	Jason Swain	
15:50–16:10	Anatomy of Failure: IVF Product Toxicity, QC Gaps, and Recalls	Fadi Choucair	
16:10–16:20	Q & A		
16:20–16:40	Coffee Break		
16:40–17:00	Culture media: A silent player behind IVF outcomes	Sujatha Ramakrishnan	Amy Barrie, Charudutt Joshi
17:00–17:20	From Bench to Blastocyst: Process Control Strategies for Reliable Embryo Culture	Gaurav Majumdar	
17:20–17:40	New Alpha ESHRE consensus on Embryo ranking	Keshav Malhotra	
17:40–18:00	A Critical Appraisal of Commercial Embryo Ranking AI Systems: Does the AUC truly reflect clinical aspiration?	Krishna Chaitanya	
18:00–18:10	Q & A		
18:10–18:15	Concluding remarks of the Day		





YOU ARE INVITED TO

GALA DINNER

JANUARY 24TH, 2026
19:30 TO 22:30
PRAGATI RESORTS

Address:

Proddutur Village, Chilukuru Balaji Temple Road,
Shankarpally Mandal, Ranga Reddy District,
Hyderabad, Telangana 501203

Day 2 (25th Jan 2026)

TIME	SESSION	MODERATOR/ CHAIRPERSONS	EXPERTS
09:00–09:45	New ovarian stimulation protocols. Are they better? Panel discussion: Ben Mol, Brian Levine, Mohan Kamat, Rohit Gutgutia, Jay Mehta, Rajul Tyagi	Moderator: Sankalp Singh, Vandana Hegde	Experts: Ruma Satvik, Sandeep Karunakaran
09:45–9:50	Commercial -vendor product video display		
09:50–10:35	Challenge to Achieve Benchmark values of Fertilization Rate/BUR and improved cumulative live birth- Panel discussion: Amy Barrie, Gaurav Majumdar, Fernando Bronet, Sarguna Devi, Naval Shah, Rahul Sen	Moderator: Bindu Chimote, Akash Agarwal	Experts: Sanjay Shukla, Goral Gandhi
10:35–10:40	Commercial -vendor product video display		
10:40–11:00	Coffee Break		
11:00–11:30	Keynote: Add-ons in IVF: which ones to use and which not to use	Ben Mol	Mohan Kamath, Sankalp Singh
11:00–11:30	Key note: Beyond Intuition: AI as the New Clinician's Partner in Reproductive Medicine 4.0	Brian Levine	Suresh Kattera, Sandeep K
11:30–12:15	Embryo Culture: Overview, Unusual Events, and Troubleshooting- case scenario based Panel discussion Fernando Bronet, Fadi Choucair, Vijay Mangoli, Ritesh Agarwal, Manisha Vajpayee, Guruprasad Kalthur	Moderator: Ashwini Kale, Naval Shah	Expert: Alex CV, Suresh Kattera
12:15–12:20	Commercial-vendor product video display		



TIME	SESSION	MODERATOR/ CHAIRPERSONS	EXPERTS
12:20–13:00	Freezing the Future: Optimizing Oocyte & Embryo Vitrification for Higher Viability and Implantation- Panel discussion Kenji Ezoe, Goral Gandhi, Suvarchala C, Gaurav Kant, Aravind R, Pranay Ghosh	Moderators: Durai P, Sanketh S Dhumal	Experts: Keshav Malhotra, Nishad Chimote
13:00–14:00	Lunch		
14:00–14:20	Key note: Stressors in the IVF laboratory	Satish Adiga	Gaurav Majumdar, Bindu Chimote
14:20–14:25	Commercial -vendor product video display		
14:25–15:00	Innovation or Intrusion? Evaluating the Evidence for Culture and Sperm Selection Add-ons – Panel discussion: Jayalakshmi Shrof, Sanjay Yatnale, Hetal Shukla, Vasundhara J, Sarvjaya S, Charulata Chatterjee	Moderator: Dayanidhi Sharma, Chandan N	Experts: Rita Vassena, Ved Prakash
15:00–15:05	Commercial -vendor product video display		
15:05–15:25	Is there a better embryo culture media?	Fernando Bronet Campos	Sanjay Shukla, Sarabpreet Singh
15:25–15:45	Coffee Break		
15:45–16:15		TBD	Aarti Deendayal, Srinivas MS
16:15–17:00	Batch IVF: Practical Challenges and Real-World Fixes- Panel discussion: Ved Prakash, Aarti Deenadayal, Charudutt Joshi, Vijaykumar Chelur, Srinivas MS, Prasad G	Moderator: Swaminathan D, Sarabpreet Singh	Experts: Sandeep Karunakaran, Durai P
Closing Ceremony & Vote of Thanks			



POST CONFERENCE WORKSHOPS

Clinic to Crorepati Business Masterclass for Fertility Entrepreneurs

Date: 26th January 2026

Venue: CC2 Auditorium, Indian Institute of Technology, Hyderabad

This exclusive one-day post-congress workshop, following the EmbVisage 1.0 International Congress, is designed for IVF unit owners, Gynecologists planning to invest in Fertility ventures, clinical and scientific directors, senior embryologists, and fertility entrepreneurs. The sessions are curated to offer strategic insights into the business, operational, and technological dimensions of modern fertility practice.

Full-Day Workshop Agenda 08:00 – 18:00

TIME	SESSION AND TOPIC	SPEAKER
08:00– 08:10	Welcome & Introduction to the Workshop	Dr. (Col) Sandeep Karunakaran Medical Director, Oval Fertility, Hyderabad
The IVF Business Model – Where Medicine Meets Metrics Venture Capital/Private Equity-backed vs Promoter-led Strategies in Fertility Care The session will provide a comprehensive overview of fertility unit economics , including: • Revenue streams and patient acquisition funnels • Cost centres and operational efficiency • CapEx vs OpEx decisions in IVF labs • EBITDA, NPS, and other financial and experience KPIs • Models for achieving sustainable profitability without compromising care		
08:10–08:25	Promoter-Led Models – led by clinician-entrepreneurs and founders with a deep clinical vision, focusing on long-term reputation, autonomy, and organic growth.	S Chandrasekhar (CEO, Oval fertility) -15 minutes



TIME	SESSION AND TOPIC	SPEAKER
08:25–08:40	VC/Private Equity-Driven Models – led by professional financial investors, focused on scalability, EBITDA, brand valuation, and return on investment.	Amit Mangal (CFO)- 15 minutes
08:40–08:50	Select Q &A- 10 minutes	
New Era Marketing (and Branding) Practical Checklist Major aspects of marketing will be covered in a structural way, so you can take it and apply in your business. A framework-based session along with checklist, document and a supporting AI tool. Will cover, CAC/LTV, Budget, Goal setting, core components (media, communication, infra and KPI). Major media esp Google My Business, AEO, SEO, SEM etc we will touch along with ATL, BTL, TTL decision making. A session that will shape your thinking process for new era marketing.		
Marketing Tool Stack (CRM & Beyond) for Fertility Care Data if used correctly improves personalization and effectiveness. Storing data across the funnel using marketing automation, CRM and other tools to automate follow-ups, streamline patient communication, and increase conversion. How to integrate CRM, EMR, WhatsApp, Call Centers and other tools in a cost-effective manner. See it in a practical setup.		
08:50–09:30	Everything You Need to Master Marketing	Aji Issac Mathew CEO Cofounder TechShu & DMU
09:30–09:40	Select Q &A- 10 minutes	
Blueprints of Success: Building Fertility Practices That Last Insights from a single-centre IVF pioneer and a multi-site leader, with discussion on challenges, pivots, and lessons learned.		
09:40–10:00	Scaling Without Losing Soul: The Art of Doctor-Led IVF Success” Lessons from building a thriving standalone clinic rooted in medical integrity and community trust.	Sabine Sivadasan Chairman and managing director, Sabine Hospital and research Centre Private Limited, Kerala.



TIME	SESSION AND TOPIC	SPEAKER
10:00–10:20	Scaling Without Losing Soul: The Clinician's Role in Scaling IVF Networks How medical leadership drives standardization, team culture, and patient trust across sites.	Durga.G.Rao Medical Director-Oasis Fertility
10:20–10:30	Select Q &A- 10 minutes	
10:50–11:10	Coffee Break	
11:10–11:40	Panel Discussion: Scaling Without Losing Soul: The Art of Doctor-Led IVF Success- Lessons from building a thriving standalone clinic rooted in medical integrity and community trust. Panellists: • Sures M, CEO Sunfert International Fertility Centre • Anubhav Prasant, COO - Apollo Cradle & Apollo Fertility • Vinesh Gadhia, Executive Director & CEO Ferty9 Center • Kiran Gadela, Co-Founder & Managing Director Oasis Fertility	Moderators: Dr. (Col) Sandeep Karunakaran Medical Director, Oval Fertility, Hyderabad Madhur Singhal Managing Partner and CEO Praxis Global Alliance
11:40–12:00	Reimagining Fertility Clinics as Impact Enterprises: India's Opportunity	Kiran Gadela Co-Founder and Managing Director, Oasis Fertility
12:00–12:30	Attracting Equity & Foreign Investment in Fertility Practice -What investors look for in IVF businesses, why some international players hesitate, and how to become acquisition-ready	Ashish Tavildar Associate Director Grant Thornton Bharat LLP
12:30–12:40	Select Q &A- 10 minutes	



TIME	SESSION AND TOPIC	SPEAKER
12:40–13:20	Panel Discussion: From Practice to Network Enterprise: Structuring IVF clinic governance, corporate organizational framework and IVF business models: Panellists: • Rita Vassena, CEO, Fecundis, ESHRE Exec. Member, Med. Director, CooperSurgical • Alex C Varghese, Director – Research & Innovation, Fertility Associates, New Zealand • Dr. (Col) Sandeep Karunakaran, Medical Director, Oval Fertility, Hyderabad • Krishna Chaithanya, MBBS, MSc (Clinical Embryology) Scientific Head and Clinical Embryologist Oasis Fertility • Amy Barrie, Chief Scientific Officer, Future Life Group UK • Jyoti Budi, Medical Director at Ferty9	Moderators: Dr. Brian Levine Founding Partner at CCRM Fertility USA Vandana Hegde Clinical Director, Chief IVF Consultant at Hegde Fertility, a Unit of Hegde Hospital
13:20–14:00	Lunch Break	
14:00–14:40	Panel Discussion: Fertility Frontlines: Industry Perspectives on the Future of IVF Labs in India Insights from Pharma, Device, and Consumables Leaders on Innovation, Access, and Market Growth Panellists: • Shilpa Arora, Director; Business Unit Head - Fertility Merck Group • Jaikanth M, Chief Financial Officer, SAR Healthline Pvt Ltd • Ashish Modi, CEO & Medical Inventor Shivani Scientific Industries Pvt Ltd • Amit Bhatnagar, Vice President Asia Pacific Fertility Solutions CooperSurgical • Vivek Soares, Country Lead, India & South Asia Organon Asia Pacific	Moderators: Alex C Varghese Director – Research & Innovation, Fertility Associates, New Zealand Chandrasekar S (CEO, Oval fertility)



TIME	SESSION AND TOPIC	SPEAKER
14:40–15:10	Financial Fitness for Doctors – Personal Wealth Planning & Risk Management Core financial planning for clinicians including insurance, investments, FIRE strategy, and tools to manage personal and professional finances.	Nitin Jagtap Consultant Gastroenterologist AIG Hospitals
15:10–15:30	The Billionaire Mindset in Fertility Business- The entrepreneur: wealth thinking, diversification, long-term brand value.	Vinesh Gadhia Executive Director & CEO Ferty9 Center
15:30–15:50	Cybersecurity, Digitization and Data Safety in Fertility Unit - Best practices for protecting sensitive patient data, managing digital risks, and embracing paperless ecosystems.	Arvind Sivaramakrishnan The CIO of Karkinos Healthcare
15:50–16:00	Select Q &A- 10 minutes	
16:00–16:20	Coffee Break	
Corporate Culture and the Human Side of Scale Leadership beyond structure: aligning values, better patient experience, retaining talent, and building a mission-driven team.		
16:20–16:40	Talk 1: Investing in People – Building a Happy Workforce People Before Protocols: Building a Culture That Retains and Empowers” Strategies for creating a motivated, loyal, and productive IVF workforce.	Sures M CEO Sunfert International, Malaysia
16:40–17:00	Talk 2: Investing in Patients – Personalizing the IVF Journey The Personal Touch at Scale: Retaining Patients in a Crowded Market” How customized communication and regional understanding enhance patient loyalty.	Veena Reddy Co-Founder Oval Fertility (GVK Group)
17:00–17:10	Select Q &A- 10 minutes	



TIME	SESSION AND TOPIC	SPEAKER
17:10–17:45	Clinic Confidential: Open Q&A and Strategic Cross-Talk with the Experts Session Format: An informal, interactive closing session designed to foster candid conversations and practical takeaways. This is a unique opportunity for participants to: • Ask specific questions related to clinic ownership, IVF business strategy, exit planning, or scaling models • Gain tailored advice on financial planning, equity investment, branding, or operational optimization • Learn from the journeys of successful founders, investors, and executives • Explore real-life challenges and get direct input from panelists in a consultative, peer-learning format	Moderator: Sanketh Dhumal, Senior Embryologist, Cluster Manager, Apollo Fertility, Hyd Dr. (Col) Sandeep Karunakaran Medical Director, Oval Fertility, Hyderabad
17:45–18:00	Closing remarks	



Trophectoderm Biopsy – Hands-on Clinical Training

Date: January 26, 2026

Venue: Lifeinvitro Academy Micromanipulation Suite, CfHE – IIT Hyderabad

Time: 09:00–17:30

Seats: Limited to 20 participants

Conveners: Varsha S Roy and Paresh Makwana

Coordinator: Tejaswini G Sanketh

Morning Session: Focused Lectures & Orientation

TIME	TOPIC	SPEAKER
09:00–09:30	Embryo Biopsy in the IVF Lab: Workflow, Timing, and Equipment Setup	Fadi Choucair
09:30–10:00	From Biopsy to Genetics: Ensuring Sample Quality for Reliable PGT-A/PGT-M	Fiona D’Souza
10:00–10:20	Coffee Break	
10:20–10:45	Orientation & Safety Briefing: Dish Prep, Laser Settings, Witnessing	Varsha S Roy Paresh Makwana

Hands-on Rotation Across Biopsy Workstations

Participants will be divided into 5 groups, rotating every 60 minutes. Each station will have one expert tutor.

Workstation Rotations (11:00– 17:00)

Includes 1 hour lunch break and 2 short tea breaks.

Focus Area at each station:

- Biopsy Setup & Biopsy, Holding Pipette Calibration
- Trophectoderm Biopsy Technique – Laser Pulse
- Advanced Biopsy Techniques & Troubleshooting
- Vitrification Interface Post-Biopsy
- Tubing Station (1–2 setups)



STATION	FACULTY
Station 1 Cooper Surgicals	Vakeel Jagveer Singh & Pooja Awasthi
Station 2 Intermedics	Ram Prakash & Nidhi Singh
Station 3 Igenomix	Paresh Makwana & Fadi Choucair
Station 4 Anderson's	Varsha Samson Roy & Fiona D'Souza

Lunch Break: 13:00 – 14:00

Short tea breaks between rotations at 15:30 and 16:30.

Closing Summary & Q&A Panel

Time: 17:00–17:30

- Recap of biopsy protocols
- Critical error prevention steps
- Best practices in embryo handling
- Certificate distribution



Quality Control & Management in IVF Labs

Date: January 26, 2026

Venue: CCE Seminar Hall, IIT Hyderabad

Time: 09:00–17:30

Seats: Limited to 25 participants

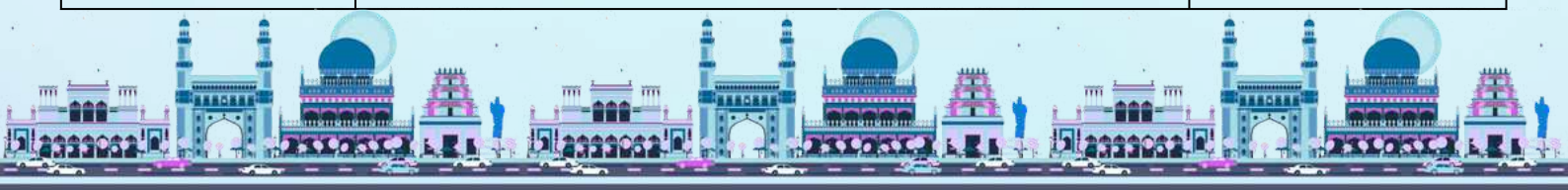
Conveners: Naval Shah, Akash Agarwal

Coordinators: Arun Patil

Morning Session: Theory & Case-Based Learning (Lecture Hall)

Each talk is 30 minutes including Q&A

TIME	TOPIC	SPEAKER
09:00–9:10	Introduction to the workshop	Naval & Akash
09:10–09:30	Principles of Quality Management Systems (QMS) in IVF- Understanding Accreditation & QC Documentation Standards	Akash Agarwal
09:30–09:50	How to Set Up & Audit Daily, Weekly, and Monthly QC Protocols	Ramprakash
09:50–10:30	Understanding Air Quality Control Lecture 1: VOCs, CFUs, and HEPA Integrity	Lecture 1: Upendra Sathe
	Lecture 2: Practical and case scenarios in the IVF laboratories	Lecture 2: Parag Nandi
10:30–10:40	Q & A	
10:40–11:00	Coffee Break	
11:00–11:20	Troubleshooting in IVF: Case Studies on pH, CO ₂ , and Temperature Drift	Naval Shah
11:20–11:40	Interactive Session-Validation and Calibration: SOPs for Instruments & Environment Monitors	Sandeep Tawte, Nishad Chimote
11:40–12:20	Panel Discussion: TQM at the kickstart of an IVF program: Vijay Kumar Chelur, Dileep, Nancy Sharma, Phalguni Patro, Trisha Mishra, Pooja Awasthi	Moderator: Charulata Chatterjee, Saroj Agarwal



TIME	TOPIC	SPEAKER
12:20–12:40	Remote monitoring in IVF labs	Kersi Avari
12:40–12:50	Q & A	

Lunch Break: 12:50 –13:50

Afternoon Session: CCE Seminar Hall, IIT Hyderabad (LIV QC Suite)

Participants will rotate through stations in small groups. Group discussion and demonstration at each station by experts.

CO2 & O2 Analyzer Use - Measuring gas levels in incubators, **Temperature Calibration** - Plate reader, stage heater, dry block, oil temp tools, **pH Analysis** - Blood gas analyzer, tabletop pH meters, calibration methods, **VOC and Air Quality Monitoring** - VOC meters, settle plates, digital logs, **Alarm Testing and QC Log Maintenance** - Setting threshold limits, dummy alarms, SOP checklists

STATION / MODULE	VENDOR/EXPERT
Station 1	S-Tech
Station 2	Shivani
Station 3	Coopersurgical
Station 4	Krishco
Station 5	Intermedics
Station 6	ShineLife

Wrap-up & Q&A Panel

17:10–17:30

- Summary of key takeaways
- Open discussion on site-specific challenges
- Workshop certificate distribution



Sperm Selection in ART – From Principles to Practice

Date: January 26, 2026

Venue: Lifeinvitro Academy Andrology & Micromanipulation Training Lab, CfHE – IIT Hyderabad

Time: 09:00 – 17:30

Seats: Limited to 20–24 participants

Conveners: Charulata Chatterjee, Rahul Sen

Coordinator: Navaneeth Krishna

Morning Session: Focused Lectures & Orientation

TIME	TOPIC	SPEAKER
09:00–09:20	Physiological vs Non-Physiological Sperm Selection: Evidence-Based Review	Sarguna Devi
09:20–09:40	Emerging Technologies in Sperm Selection: From Microfluidics to AI Models	Rahul Sen
9:40–10:10	Panel Discussion: Adoptions vs adaption of sperm selection techniques: Hetal Shukla, Raghavendra Kosgi, S Sasanka, Sinduja Srinivasan, Shalini Revuri, Trisha Mishra	Moderator: Bindu Chimote, Charulata Chatterjee
10:10–10:40	Surgically retrieved sperm and cryopreservation	Guruprasad Kalthur
10:40–10:50	Coffee Break	
10:50–11:00	Orientation Briefing: Station Setup, Rotation Protocol, QC & Safety	Navaneeth Krishna
11:00–17:00	Hands-on Training via Rotational Workstations	

Lunch Break: 13:00–14:00

Afternoon Session: Hands-on Training via Rotational Workstations

Participants will rotate in groups across six expert-led stations, with 1-hour lunch and 2 short tea breaks.



WORKSTATION	HANDS-ON FOCUS AREA	COMPANY
Station 1: PICSI Dish-Based Selection	Using hyaluronan-binding to select mature sperm; indications and technique	Coopersurgical
Station 2: Magnetic-Activated Sorting	MACS (Candor Life Sciences setup): Removal of apoptotic sperm via Annexin V-conjugated beads	Candor Lifesciences
Station 3: Microfluidic Sorting	Sperm separation based on motility/morphology using microchannels; live setup with devices	Zymot, Lenshook, Krishco product
Station 4: AI sperm selection in SSR cases	AI sperm selection is an emerging technology used to identify high-quality sperm for ART, in Surgical Sperm Retrieval (SSR) cases, especially in Non-Obstructive Azoospermia (NOA) patients where sperm are scarce and difficult to find.	Dale Goss from AUS
Station 5: Testicular Sperm + Chemical Activation	Selection and chemical activation (e.g., calcium ionophore) of retrieved testicular sperm (Gynemed/SAR health)	Sagar Chavan
Station 6: AI-Based Selection	Introduction to software-assisted sperm analysis and AI tools; demo with available platforms	Baibys, IL

Short Breaks: 15:30 & 16:30 during rotations.

Closing Discussion & Certificate Distribution

Time: 17:00 –17:30

- Summary of station learnings
- Q&A with expert tutors
- Certificate handout and group photo



ABOUT THE VENUE



IITH: Nestled in the heart of Telangana's innovation corridor, the Indian Institute of Technology Hyderabad stands as a beacon of excellence in technology, research, and entrepreneurship. Renowned for its cutting-edge labs, visionary faculty, and vibrant campus culture, IITH fosters a unique ecosystem where ideas transform into impactful realities.

ABOUT HYDERABAD

Hyderabad: A harmonious blend of heritage and modernity, Hyderabad is a city where centuries-old traditions meet a thriving tech-driven future. Known for its iconic landmarks, warm hospitality, and dynamic business environment, it serves as a bridge between culture and innovation, making it a natural home for global collaborations.

NEARBY ATTRACTIONS



Charminar



Golconda Fort



Nehru Zoological Park



Shilparamam Art & Craft Village



Salarjung Museum



Ramoji Film City



REGISTRATION TARIFF

Category	Amount
Delegates	6000(including GST)
Students	3000(including GST)

BANK DETAILS

Account Number	787605000039
Bank Name	ICICI Bank
IFSC Code	ICIC0007876
PAN No.	AACCF8867H
MICR code	502229008
Bank Branch	IIT Hyderabad Campus, Kandi, Sangareddy Dist, Telangana-502285



CONFERENCE SECRETARIAT



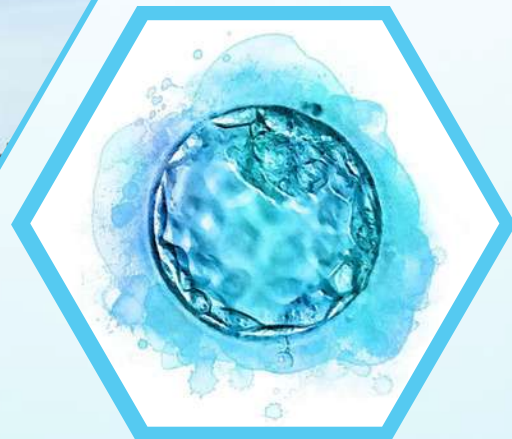
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*International Conference on Embryo Culture Systems
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