



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

STECH IVF
Solutions

Industry Partner

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

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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

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Alex C Varghese

Director – Research & Innovation, Fertility
Associates, New Zealand

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Sanketh Dhumal Satya

Head Embryology
Oval Fertility, Hyderabad



Tejaswini G Sanketh

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

Conference Coordinators



Arun Patil

Junior Embryologist &
Trainer, LifelnVitro Academy
(LIVA), CfHE – IIT Hyderabad



Navaneeth Krishna

Junior Embryologist & Trainer,
LifelnVitro Academy (LIVA),
CfHE – IIT Hyderabad



Manjoosha Yerrapragada

Research Associate
Department of Biomedical Engineering, Indian
Institute of Technology Hyderabad



INTERNATIONAL FACULTY



Ben Willem Mol

Professor of Obstetrics/Gynaecology
Monash University, Australia



Dale Goss

Chief Scientific Officer
NeoGenix Biosciences pty Ltd, Australia



Fadi Chouair

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

Medical Director, CooperSurgical,
Executive Board Member, SEF



NATIONAL FACULTY



Akash Agarwal



Aravind R



Azif Khan



Ashwini Kale



Arpita Sarmah



Bindu Chimote



Charudutt Joshi



Charulata Chatterjee



Chandan N



Durai P



Dayanidhi Sharma



Dhannya Binoy



Dileep Kumar Ramaswamy



Fiona D'SOUZA



Gaurav Majumdar



Goral Gandhi



Hetal Shukla



Jay Mehta



Jyothi Budi



Jayalakshmi Shroff



Kersi Avari



Krishna Chaitanya



Keshav Malhotra



K U Kunjimoideen



Mohan Kamat



Madhab Chandra Das



Naval Shah



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Nancy Sharma



Neena Malhotra



Paresh Makwana



Pranay Ghosh



Prasad G



Pooja Awasthi



Phalguni Patro



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Rohit Gutgutia



Rahul Sen



Ram Prakash



Rajul Tyagi



Sandeep Tawte



Sanjay Yalnale



Sarbjaya Singh



Satish Adiga



Srinivas MS



Sankalp Singh



Sujatha Ramakrishnan



Saroj Agarwal



Shyam Sreedharan



Suresh Kattera



Suvarchala Chekuri
Vardhan



Sargunadevi
Sivanantham



Shalini Revuri



Sagar Chavan



Trisha Tiwari Mishra



Varsha S Roy



Ved Prakash



Vasundhara
Jagannathan



Vakeel Jagveer Singh



Vijay Kumar Chelur



Venugopal



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



Amit Mangal
Managing Partner
Opulix Advisory Services



Aji Issac Mathew
CEO Cofounder
TechShu & DMU



Ashish Tavildar
Associate Director
Grant Thornton Bharat LLP



Anubhav Prashant
COO, Apollo Cradle and
Fertility



Durga G. Rao
Medical Director
Oasis Fertility



Dileep Sasi
BU Head, Fertility
division, Cipla



Jaikanth Machery
Chief Financial Officer
SAR Healthline Pvt Ltd



Kiran Gadela
Co-Founder & Managing
Director Oasis Fertility



Mahabaleshwar Kotabagi
Director - WHC And Fertility
At Samarth Life Sciences
Private Limited



Nitin Jagtap
Consultant Gastroenterologist
AIG Hospitals



Narhari S. Malagaonkar
Director and Chief
Fertility Consultant



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



Srinivas Madabusi
Chief of International
Business and New
Initiatives



Somesh Mittal
CEO ART Fertility Clinics Faculty
of Management Studies -
University of Delhi, New Delhi



Vivek Soares
Country Lead, India &
South Asia
Organon Asia Pacific



Veena Reddy
Director and
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	EXPERTS/ SPEAKERS	MODERATORS/ 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	Vijay Kumar Chelur	Fadi Choucair, Sagar Chavan
09:00–09:20	Culture Under Pressure: The Genetic Cost of Suboptimal Lab Conditions	Sanketh S Dhumal	
09:20–09:40	Am I ready to treat patients? Personalized training and performance evaluation in IVF	Rita Vassena	
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
11:30–12:00	Keynote: IVF in India at the crossroads: From boutique clinics to Bharat’s masses. Who will Deliver ?	Neena Malhotra	Suresh Kattera, Sanketh S Dhumal
12:00–12:20	Can all biopsied embryos implant? A quality issue	Fernando Bronet	
Q&A			
12:20–13:00	Cleavage stage and Blastocyst stage ETs in poor responders Panel Discussion: Nishad Chimote, Azif Khan, Jyothi Budi, Venu Gopal, Suresh Kattera, Neena Malhotra, Chinta Parimala, Pranay Ghosh	Experts: Vijay Mangoli, Fadi Choucair	Moderator: Vasundhara Jagannathan, Sandeep Karunakaran



TIME	SESSION	EXPERTS/ SPEAKERS	MODERATORS/ CHAIRPERSONS
13:00–14:00	Lunch		
14:00-14:30	Debate: The house believes that ICSI is the standardised insemination technique	Rita Vassena vs Pranay Ghosh	Vijay Kumar Chelur, Srinivas MS
14:30–15:00	Industry sponsored lecture - Nexpring Health The critical role of humidified incubation in the embryo environment	Fernando Bronet	Sandeep Karunakaran, Alex C Varghese
15:00- 15:20	Gamete quality on Blastocyst Utilization	Varsha S Roy	Gaurav Majumdar, Jyothi Budi
15:20–15:40	How maternal age shapes early human embryo development	Kenji Ezoe	
15:40–16:00	Automation in the IVF lab	Jason Swain	
16:00-16:10	Q & A		
16:10–16:30	Coffee Break		
16:30- 16:50	Anatomy of Failure: IVF Product Toxicity, QC Gaps, and Recalls	Fadi Choucair	Charudutt Joshi, Kenji Ezoe
16:50-17:10	Is there a better embryo culture media ?	Fernando Bronet	
17:10–17:30	From Bench to Blastocyst: Process Control Strategies for Reliable Embryo Culture	Gaurav Majumdar	
17:30–17:50	New Alpha ESHRE consensus on Embryo ranking	Keshav Malhotra	
17:50–18:10	A Critical Appraisal of Commercial Embryo Ranking AI Systems: Does the AUC truly reflect clinical aspiration?	Krishna Chaitanya	
18:10–18:20	Q & A		
18:20–18:30	Concluding remarks of the Day		



The invitation card is set against a background of a festive dinner table. The table is covered with a white cloth and features a large, ornate floral centerpiece with white and pink flowers. Several lit candles in glass holders provide warm lighting. In the background, a large, fringed umbrella and strings of warm white lights are visible. The card itself is a dark blue shield-like shape with a white dashed border. The text is in white, with 'GALA DINNER' in a large, bold, sans-serif font. The date and time are in a smaller, bold, sans-serif font, and the address is in a regular, sans-serif font. The card is decorated with small white diamond shapes and horizontal lines.

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	EXPERTS/ SPEAKERS	MODERATORS/ CHAIRPERSONS
Industry Sponsored Section - Ferring Pharmaceuticals			
09:00–09:45	New ovarian stimulation protocols. Are they better? Panel discussion: Ben Mol, Madhab Das, Arpita Sarmah, Mohan Kamat, Rohit Gutgutia, Jay Mehta, Rajul Tyagi	Experts: K U Kunjumoideen, Sandeep Karunakaran	Moderator: Sankalp Singh, Vandana Hegde
09:45–10:05	Making statistical sense in IVF unit	Sankalp Singh, Venu Gopal	Mohan Kamat
10:05-10:35	Keynote: Add-ons in IVF: which ones to use and which not to use	Sankalp Singh, Mohan Kamat, Rajul Tyagi	Ben Mol
10:35–10:50	Coffee Break		
10:50-11:35	Panel discussion: Challenge to Achieve Benchmark values of Fertilization Rate/BUR and improved cumulative live birth Dhannya Binoy, Gaurav Majumdar, Fernando Bronet, Sarguna Devi, Naval Shah, Rahul Sen	Experts: Goral Gandhi, Sujatha Ramakrishnan	Moderator: Bindu Chimote, Akash Agarwal
11:35- 12:05	Key note: Beyond Intuition: AI as the New Clinician's Partner in Reproductive Medicine 4.0	Suresh Kattera, Keshav Malhotra	Sandeep Karunakaran
12:05-12:50	Panel discussion: Embryo Culture: Overview, Unusual Events, and Troubleshooting case scenario based Fernando Bronet, Fadi Choucair, Sanketh S Dhumal, Sandeep Karunakaran, Pranay Ghosh	Expert: Alex C Varghese, Suresh Kattera	Moderator: Ashwini Kale, Naval Shah



TIME	SESSION	EXPERTS/ SPEAKERS	MODERATORS/ CHAIRPERSONS
12:50–13:50	Lunch		
13:50–14:10	Key note: Stressors in the IVF laboratory	Gaurav Majumdar, Bindu Chimote	Satish Adiga
14:10–14:50	Freezing the Future: Optimizing Oocyte & Embryo Vitrification for Higher Viability and Implantation Panel discussion Kenji Ezoe, Goral Gandhi, Suvarchala C, Aravind R, Pranay Ghosh, Atita B Shinde, Gaurav Kant, Keshav Malhotra	Experts: Fernando Bronet, Nishad Chimote	Moderators: Durai P, Sanketh S Dhumal
14:50–15:30	Innovation or Intrusion? Evaluating the Evidence for Culture and Sperm Selection Add-ons – Panel discussion: Jayalakshmi Shrof, Sanjay Yatnale, Fadi Choucair, Hetal Shukla, Vasundhara J, Sarvjaya S, Charulata Chatterjee	Experts: Rita Vassena, Ved Prakash	Moderator: Dayanidhi Sharma, Chandan N
15:30–15:55	Culture media: A silent player behind IVF outcomes		Sujatha R
15:55–16:15	Coffee Break		
16:15–17:00	Batch IVF: Practical Challenges and Real-World Fixes Panel discussion: Ved Prakash, Charudutt Joshi, Vijaykumar Chelur, Srinivas MS, Prasad G, Madhab Das	Experts: Sandeep Karunakaran, Durai P	Moderator: Phalguni Patro, Arpita Sarmah
Closing Ceremony & Vote of Thanks By Sanketh S Dhumal			



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
<p>The IVF Business Model – Where Medicine Meets Metrics</p> <p>Venture Capital/Private Equity-backed vs Promoter-led Strategies in Fertility Care</p> <p>The session will provide a comprehensive overview of fertility unit economics, including:</p> <ul style="list-style-type: none">• 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		
08:10–08:30	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



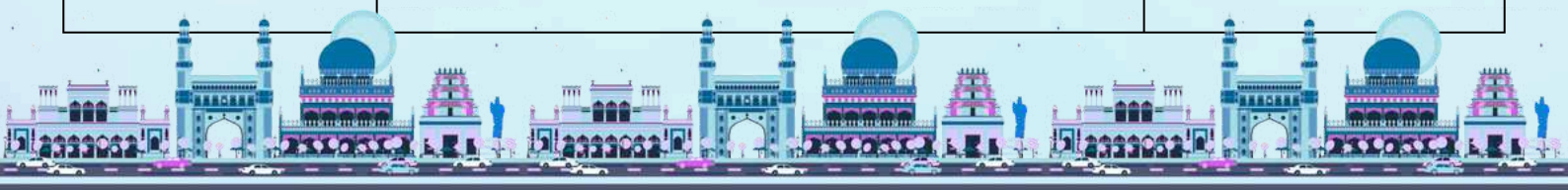
TIME	SESSION AND TOPIC	SPEAKER
08:30–08:50	VC/Private Equity-Driven Models – led by professional financial investors, focused onscalability, EBITDA, brand valuation, and return on investment.	Amit Mangal Managing Partner Opulix Advisory Services
08:50-09:00	Select Q &A- 10 minutes	
New Era Marketing (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.		
09:00-09:40	Everything You Need to Master Marketing	Aji Issac Mathew CEO and Cofounder TechShu & DMU
09:40–09:50	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.		
09:50–10:10	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
10:10–10:30	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
10:30–10:40	Select Q &A- 10 minutes	
10:40–11:00	Coffee Break	
11:00–11:40	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: <ul style="list-style-type: none"> • Sures M, CEO Sunfert International Fertility Centre • Anubhav Prasant, COO Apollo Cradle & Apollo Fertility • Vinesh Gadhia, CEO and Executive Director Ferty9 Center • Kiran Gadela, Co-Founder & Managing Director Oasis Fertility • Narhari S. Malagaonkar, Director and Chief Fertility Consultant Progenesis IVF • Srinivas Madabusi, Chief of International Business, New Initiatives and Director Indira IVF Nepal and Bangladesh • Somesh Mittal, CEO ART Fertility Clinics 	Moderators: Dr. (Col) Sandeep Karunakaran Medical Director, Oval Fertility, Hyderabad, Dr. Venu Gopal Menon Senior Consultant Birla Fertility and IVF, Thrissur
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	<p>Panel Discussion: From Practice to Network Enterprise: Structuring IVF clinic governance, corporate organizational framework and IVF business models:</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Rita Vassena, Medical Director, CooperSurgical; Executive Board Member, SEF • 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 • Jyoti Budi, Medical Director at Ferty9 Fertility • Keshav Malhotra, Lab Director and Chief Embryologist ART Rainbow IVF, Vice Chair Embryology – ISAR, Chair Embryology SIG – ASPIRE, EC Member - ALPHA, ACE 	<p>Moderators:</p> <p>Sankalp Singh Founder and Director, Yaami Fertility and IVF center, Indore</p> <p>Vandana Hegde Clinical Director, Chief IVF Consultant at Hegde Fertility, a Unit of Hegde Hospital</p>
13:20–14:00	Lunch Break	
14:00–14:40	<p>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</p> <p>Panelists:</p> <ul style="list-style-type: none"> • 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 • Mahabaleshwar Kotabagi, Director, Samarth Life Sciences Pvt Ltd • Dileep Sasi, BU Head, Fertility division, Cipla • Xia Pan, Business Director- CMI, APAC & China, Calibre Scientific 	<p>Moderators:</p> <p>Alex C Varghese Director – Research & Innovation, Fertility Associates, New Zealand</p> <p>Chandrasekar S CEO, Oval fertility</p>



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 CEO and Executive Director Ferty9 Fertility
15:30–15:40	Select Q &A- 10 minutes	
15:40–16:00	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.		
16:00–16:20	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
16:20–16:40	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 Director and Co-Founder Oval Fertility (GVK Group)
16:40–16:50	Select Q &A- 10 minutes	



TIME	SESSION AND TOPIC	SPEAKER
16:50–17:40	<p>Clinic Confidential: Open Q&A and Strategic Cross-Talk with the Experts</p> <p>Session Format: An informal, interactive closing session designed to foster candid conversations and practical takeaways. This is a unique opportunity for participants to:</p> <ul style="list-style-type: none"> • 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 	<p>Moderator: Sanketh Dhumal Satya Head Embryology Oval Fertility, Hyderabad</p> <p>Dr. (Col) Sandeep Karunakaran Medical Director, Oval Fertility, Hyderabad</p>
17:40–18:00	Closing remarks	



Trophectoderm Biopsy – Hands-on 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 4 groups, rotating every 60 minutes. Each station will have more than 1 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	Vakeel Jagveer Singh & Pooja Awasthi
Station 2	Ram Prakash & Nidhi Singh
Station 3	Paresh Makwana, Fadi Choucair & Atita Bharat Shind
Station 4	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

Each talk is 30 minutes including Q&A

TIME	TOPIC	SPEAKER
09:00–9:10	Introduction to the workshop	Naval Shah, Akash Agarwal
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 2: Practical and case scenarios in the IVF laboratories	Lecture 1: Upendra Sathe Lecture 2: Naval Shah, Akash Agarwal
10:30–10:40	Q &A	
10:40–11:00	Coffee Break	
11:00–11:30	Interactive session - Validation and Calibration-The Industry perspective vs the Embryologist perspective	Sandeep Tawte, Nishad Chimote
11:30–11:50	Troubleshooting in IVF: Case Studies on pH, CO ₂ , and Temperature Drift	Naval Shah
11:50–12:30	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
12:30–12:50	Remote monitoring in IVF labs	Kersi Avari
12:50–13:00	Q & A	

Lunch Break: 13:00

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
Station 1- Camfil
Station 2- Coopersurgical
Station 3- Shivani Scientific
Station 4- STECH IVF Solutions
Station 5- Surety

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, Hemanth Valluri, Shalini Revuri, Trisha Mishra	Moderator: Bindu Chimote, Charulata Chatterjee
10:10–10:40	Surgically retrieved sperm and cryopreservation	Shyam Sreedharan
10:40–10:50	Coffee Break	
10:50 - 11:20	AI-assisted real-time sperm detection for extended searches in severe male factor infertility	Dale Goss from AUS
11:20–11:30	Orientation Briefing: Station Setup, Rotation Protocol, QC & Safety	Navaneeth Krishna
11:30–17:00	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
Station 1: PICSI Dish-Based Selection	Using hyaluronan-binding to select mature sperm; indications and technique
Station 2: Magnetic-Activated Sorting	MACS (Candor Life Sciences setup): Removal of apoptotic sperm via Annexin V-conjugated beads
Station 3: Microfluidic Sorting	Sperm separation based on motility/morphology using microchannels; live setup with devices
Station 4: AI-Based Selection	Introduction to software-assisted sperm analysis and AI tools; demo with available platforms

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



WORKSHOP REGISTRATION TARIFF

Category	Amount
Clinic to CrorepatiBusiness Masterclass for Fertility Entrepreneurs	Rs 5000
Trophectoderm Biopsy – Hands-on Clinical Training	Rs 20000
Quality Control & Management in IVF Labs	Rs 2500
Sperm Selection in ART – From Principles to Practice	Rs 2500

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 REGISTRATION TARIFF

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

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Account Number	787605000039
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CONFERENCE SECRETARIAT



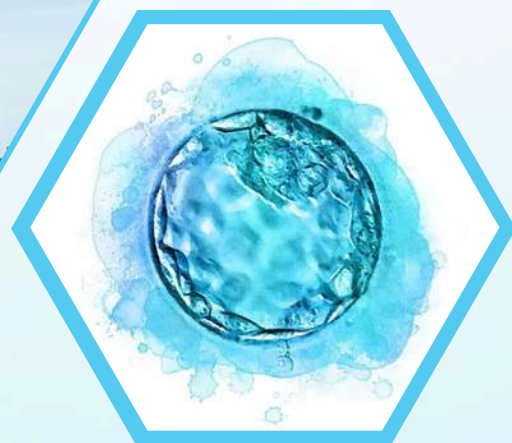
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