**Date/Time** | **TOPIC** | **ROLE** | **NAME**
---|---|---|---
**Session VI** | Physiology, Imaging and Rotalation | Chair | Dr. Sanjay G, Dr. Mukundan C, Dr. Ajikumar V K
01.30 - 01.50 pm | IVUS AND OCT Imaging | Speaker | Dr. Ajikumar V K
01.50 - 02.10 pm | Rotalation & orbital atherectomy | Speaker | Dr. Rajpal K Abbaichand
02.10 - 02.30 pm | FFR, IFR, RFR, dPI | Speaker | Dr. Rajesh Muradilhaharan
02.30 - 03.00 pm | Tea Break | | |
**Session VII** | Managing the complications | Chair | Dr. Harikrishnan S / Dr. Bijulal S
03.00 - 03.15 pm | Stent dislodgement | Speaker | Dr. Mukundan C
03.15 - 03.30 pm | Ostial Closure | Speaker | Dr. Raghuram A K
03.30 - 03.45 pm | Perforation | Speaker | Dr. Abhilas S P
03.45 - 04.00 pm | Access site complications | Speaker | Dr. Harikrishnan G
04.00 pm | Feedback and Valedictory Function | | |

**Faculty**
- Dr. Ajikumar V K, SCTIMST, Trivandrum
- Dr. Amit Kumar Chaurasia, BLK Hospital, Delhi
- Dr. Ajeel Arulkumar, Frontier Lifeline Hospital, Chennai
- Dr. Byju C K, Hearts Malabar Hospital
- Dr. Edwin Francis, Lisie Hospital, Cochin
- Dr. Harikrishnan G, RCPM Hospital, Ochira Kollam
- Dr. Justin Paul, MMC Chennai
- Dr. B R J Kannan, Vadamalayan Hospital, Madurai
- Dr. Kiron S, SMIMS, Kulasaktharam
- Dr. Krishnakumar K, PRS Hospital, Trivandrum
- Dr. Mukundan C, Govt. Medical College Hospital, Thrissur
- Dr. Natarajan K U, AIMS, Cochin
- Dr. Rakesh Gopal, Apollo Hospital, Chennai
- Dr. Raghuram A. K, Starcare Hospital, Calicut
- Dr. Rajeev E, MES Medical College, Perinthalmanna
- Dr. Rajesh Muradilhaharan, BMH, Calicut
- Dr. Jaganmohan Tharan, Paalana Institute of Medical Sciences, Palakkad
- Dr. Rajpal K Abbaichand, GKNM, Coimbatore
- Dr. Ramakrishna Pillai V, KIMS Hospital, Trivandrum
- Dr. Saurabh Kumar Gupta, AIIMS New Delhi
- Dr. Srinivasa Prasad, Chinnaya Narayana Superspeciality Centre, Bangalore
- Dr. Shomu Bohora, Baroda Heart Institute, Gujarat
- Dr. Stigi Joseph, Little Flower Hospital, Angamali
- Dr. Sunitha Viswanathan, MCH, Trivandrum
- Dr. Suresh K, S K Hospital, Trivandrum
- Dr. Thomas Titus, G G Hospital, Trivandrum
- Dr. Tiny Nair, PRS Hospital, Trivandrum
- Dr. Vinod Thomas, Renal Medcity, Cochin
- Dr. Venugopal K, Pushpagiri Hospital, Thiruvalla
- Dr. Zuillkar Ahmed, Pushpagiri Hospital, Thiruvalla

**Team SCTIMST**
- Dr. Sivakumar S
- Dr. Narayan Namboodiri K K
- Dr. Abhilas S P
- Dr. Arun Gopalakrishnan
- Dr. Krishnamoorthy K M
- Dr. Bijulal S
- Dr. Krishna Kumar M
- Mr. Suji K
- Dr. Harikrishnan S
- Dr. Sanjay G
- Dr. Deepa S Kumar

**Academic Partners**

**Medtronic**
- Biotronik Medical Devices India Pvt Ltd
- Meril Life Sciences India Pvt Ltd
- Vasmed Technologies

**Kaesene Medical Pvt Ltd**
- Veira Scientific India Pvt Ltd
- St. Jude Medical

**Boston Scientific**
- Vascular Concepts

**Abbott Vascular**
- Heartwares Medicals India Pvt Ltd
- Sun Pharma

Supported by Sree Chitra Cardiology Alumni Association

**Contact**
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Sree Chitra Tirunal Institute for Medical Sciences and Technology
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Mob: 98951-25101,
Email: drharikrishnan@outlook.com

**Back to Basics 2019**
Short Course on Basics of Cardiac Interventions
19th & 20th January 2019

**Venue**
AMCHSS Auditorium

**Organised by**
DEPARTMENT OF CARDIOLOGY
Sree Chitra Tirunal Institute for Medical Sciences and Technology

**CME Credits-5 hrs**
Dear Colleague,

After the positive feedback about the program in the last 7 years, the Department of Cardiology, SCTIMST is continuing the training course, “Back to Basics” in 2019 also. This year too, we have decided to include topics like basic cardiac catheterisation, single and dual chamber pacemaker implantation, basics in pediatric cardiac intervention and basics of coronary imaging and physiology. There is also a training session for DM/ DNB examinations.

We invite you to the program and hope that we all will benefit by interacting and revising the basics.

Dr. Asha Kishore  
Director, SCTIMST  
Prof. & HOD of Cardiology  
Patron

Dr. Ajit Kumar V.K  
Prof. of Cardiology

Dr. Sivasankaran S  
Prof. of Cardiology

Dr. Harikrishnan S  
Organizing Secretary

### Highlights of the Course
- In-depth insight into interventional hardware
- Simulator sessions - Hands-on sessions with one to one guidance by faculty
- Femoral and radial coronary simulator session
- Pacemaker simulator session
- Wet model ablation simulator session
- FFR simulator session
- LA appendage closure simulator
- Cardiac Morphology - Image based training sessions
- How to do a basic cath (hemodynamic) study (Shunts, pressure recording tips)
- How to implant a permanent pacemaker - tips and tricks
- Session on ASD device closure
- IABP - Hands on trouble shooting
- FFR - and newer indices (IFR, RFR, dPR)
- IVUS - Image interpretation sessions
- IABP - Lecture - demonstration
- Case In the Box Session (BMV)
- CME Credits-5 hrs

### This year’s highlight: Cardiac morphology demystified

### DM/DNB exam training session on:
- Hemodynamics
- Angiography including pediatric angiography
- Electrophysiology tracings

### All about Hardware - Hardware kiosk

### Day 1 - 19 January 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Role</th>
<th>Name</th>
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<tbody>
<tr>
<td>08:00 pm - 09:00 pm</td>
<td>Simulator Session</td>
<td>Hardware Kiosk</td>
<td>Dr. Deepa S Kumar, Dr. Arun Gopalakrishnan</td>
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<td>IABP, Leclerc</td>
<td>Dr. Ajay Arulkrishnan</td>
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<td>PCI - Radial, Femoral</td>
<td>Dr. Bijul S, Dr. Abhilash S P</td>
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<td>BMW</td>
<td>Dr. Sanyal G</td>
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<td>FFR</td>
<td>Dr. Rajesh Murakrishan</td>
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<td>Pacemaker simulator</td>
<td>Dr. Krishna Kumar M</td>
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<td>Cardiac Morphology</td>
<td>Dr. Saurabh Kumar Gupta</td>
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<th>Time</th>
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<tr>
<td>08:30 am - 12:30 pm</td>
<td>Simulator Session Starts (Asper schedule given to the participants)</td>
<td>Hardware Kiosk</td>
<td>Dr. Deepa S Kumar, Dr. Arun Gopalakrishnan</td>
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<td>IABP, Leclerc</td>
<td>Dr. Ajay Arulkrishnan</td>
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<th>Session</th>
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<th>Role</th>
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<tbody>
<tr>
<td>12.30 - 01.30 pm</td>
<td>Lunch</td>
<td>Dr. Thomas Titus</td>
<td>Chair</td>
</tr>
<tr>
<td>01.30 - 01.35 pm</td>
<td>Introductory Session</td>
<td>Dr. Harikrishnan S</td>
<td>Chair</td>
</tr>
<tr>
<td>01.35 - 01.50 pm</td>
<td>Radiation Safety: What you should know</td>
<td>Dr. Justin Paul</td>
<td>Speaker</td>
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<tr>
<td>01.50 - 02.10 pm</td>
<td>Hemodynamics</td>
<td>Dr. Jagannath Tharanak</td>
<td>Speaker</td>
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<tr>
<td>02.10 - 02.30 pm</td>
<td>Geometry in Congential Heart Disease</td>
<td>Dr. B R J Kannan</td>
<td>Speaker</td>
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<tr>
<td>02.30 - 02.50 pm</td>
<td>Pharmacotherapy in Congential Heart Disease</td>
<td>Dr. Zufar Ahmed</td>
<td>Speaker</td>
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<tr>
<td>02.50 - 03.05 pm</td>
<td>PCI The Basics</td>
<td>Dr. Ramkrishna Pillai</td>
<td>Chair</td>
</tr>
<tr>
<td>03.05 - 03.20 pm</td>
<td>Adjuticve Pharmacotherapy in PCI</td>
<td>Dr. Suresh K</td>
<td>Speaker</td>
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<tr>
<td>03.20 - 03.40 pm</td>
<td>How to set up a cathlab</td>
<td>Dr. Vinod Thomas</td>
<td>Speaker</td>
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<td>03.40 - 04.00 pm</td>
<td>Guide wires</td>
<td>Dr. Shivasra Prasad</td>
<td>Speaker</td>
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<tr>
<td>04.00 pm</td>
<td>Balloons</td>
<td>Dr. Stig Joseph</td>
<td>Speaker</td>
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<td>04.30 - 04.50 pm</td>
<td>Stents</td>
<td>Dr. Krishna Kumar K</td>
<td>Speaker</td>
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<tr>
<td>04.50 - 05.10 pm</td>
<td>Never Devices Tomus / Striang / Angiop. LASER</td>
<td>Dr. Rakesh Gopal</td>
<td>Speaker</td>
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<tr>
<td>05.10 - 05.30 pm</td>
<td>IABP / Device parameters - Derivadized</td>
<td>Dr. Shomu Bhochra</td>
<td>Speaker</td>
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<tr>
<td>05.30 - 05.50 pm</td>
<td>TAVI BASICS</td>
<td>Dr. Ami Kumar Chaurasia</td>
<td>Speaker</td>
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<tr>
<td>06.45 PM</td>
<td>SGT Cardio Alumni - General Body Meeting 2019 (Hotel Mocpost Trivandrum)</td>
<td>Dr. Vishwakumar Biswas</td>
<td>Speaker</td>
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### Day 2 - 20 January 2019

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<th>Time</th>
<th>Topic</th>
<th>Role</th>
<th>Name</th>
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<tbody>
<tr>
<td>09.00 am</td>
<td>QUIZ</td>
<td>Coronary Intervention Techniques</td>
<td>Dr. Natarajan K.U, Rajesh K Abhaichand</td>
</tr>
<tr>
<td>09.00 - 09.20 am</td>
<td>PCI by Radial Route - All the Basics you should know</td>
<td>Speaker</td>
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<tr>
<td>09.20 - 09.30 am</td>
<td>Primary PCI</td>
<td>Dr. Rajesh E</td>
<td>Speaker</td>
</tr>
<tr>
<td>09.40 - 10.00 am</td>
<td>Graft PCI</td>
<td>Dr. Ramkrishna Pillai V</td>
<td>Speaker</td>
</tr>
<tr>
<td>10.00 - 10.20 am</td>
<td>CTO Techniques</td>
<td>Dr. Byju C. K.</td>
<td>Speaker</td>
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<tr>
<td>10.20 - 10.40 am</td>
<td>Bifurcation PCI</td>
<td>Dr. Sunitha Viswanathan</td>
<td>Speaker</td>
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**QUIZ**  
**Theme:** IMAGES IN CARDIOLOGY

**TIP**: How do I do it

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</thead>
<tbody>
<tr>
<td>10.40 - 11.10 am</td>
<td>Tips Break</td>
<td>Dr. Sivasankaran S, Dr. Deepa S Kumar, Dr. Arun Gopalakrishnan</td>
<td>Chair</td>
</tr>
<tr>
<td>11.30 - 11.30 am</td>
<td>How to do a basic EP study</td>
<td>Dr. Natarajan K.U, Rajesh K Abhaichand</td>
<td>Speaker</td>
</tr>
<tr>
<td>11.30 - 11.50 am</td>
<td>Interventions in right heart</td>
<td>Dr. Kiron S</td>
<td>Speaker</td>
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<tr>
<td>11.50 - 12.10 pm</td>
<td>ASD Device closure - Tips and Tricks</td>
<td>Dr. Krishna Moorthy K M</td>
<td>Speaker</td>
</tr>
<tr>
<td>12.10 - 12.30 pm</td>
<td>VSD RDA course</td>
<td>Dr. Edwin Francis</td>
<td>Speaker</td>
</tr>
<tr>
<td>12.30 - 01.30 pm</td>
<td>Lunch Break</td>
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