

2021 COURSE DIRECTORY

TA INSTRUMENTS ONLINE TRAINING COURSES





2021 ONLINE TRAINING COURSES

DSC THEORY & APPLICATIONS TRAINING

9:00 AM - 12:00 PM

This is a lecture-based session specially designed for Q-series and Discovery series instruments users.

The course covers:

- Theory & Instrumentation
- Tzero Calibrations
- Applications
- Instrument and sample preparation

This half day training course will be held via Teams. Attendees will have an opportunity to raise enquiry whenever doubt arises.

DSC HANDS-ON TRAINING

1:30 PM - 5:00 PM

This live demo session is conducted by using latest Discovery DSC analyzer – DSC 2500 model with operation software - TRIOS software.

The course covers:

- Live instrumentation briefing
- Live Experimental Parameters setup
- Live Software operation
- Live sample preparation & testing
- Data Analysis and Interpretation

This half day training course will be held via Teams. Attendees will have an opportunity to raise enquiry whenever doubt arises.

DSC ADVANCED TRAINING

9:00 AM - 12:00 PM

This is a lectured-based session specially designed for Q-series (modulated feature) and Discovery series instruments user.

The course covers:

- Overview of MDSC Theory
- Optimization of MDSC experiment
- Interpretation of Unexpected Events Observed in DSC Data
- Advanced DSC techniques

This half day training course will be held via Teams. Attendees will have an opportunity to raise enquiry whenever doubt arises.



2021 ONLINE TRAINING COURSES

TGA THEORY & APPLICATIONS TRAINING

9:00 AM - 12:00 PM

This is a lecture-based session specially designed for Q-series and Discovery series instruments user.

The course covers:

- Theory & Instrumentation
- Calibrations
- Applications
- Instrument and sample preparation

This half day training course will be held via Teams. Attendees will have an opportunity to raise enquiry whenever doubt arises.

TGA HANDS-ON TRAINING

1:30 PM - 5:00 PM

This live demo session is conducted by using latest Discovery TGA analyzer – TGA 550 model with operation software - TRIOS software.

The course covers:

- Live instrumentation briefing
- Live Experimental Parameters setup
- Live Software operation
- Live sample preparation & testing
- Data Analysis and Interpretation

This half day training course will be held via Teams. Attendees will have an opportunity to raise enquiry whenever doubt arises.

TGA ADVANCED TRAINING

9:00 AM - 12:00 PM

This is a lectured-based session specially designed for Q-series (modulated feature) and Discovery series instruments user.

The course covers:

- Overview of TGA technique
- Optimization of TGA experiments
- Maintenance and Precautions
- Advanced TGA techniques

This half day training course will be held via Teams. Attendees will have an opportunity to raise enquiry whenever doubt arises.



2021 ONLINE TRAINING COURSES

DMA THEORY & APPLICATIONS TRAINING

9:00 AM - 12:00 PM

This is a lectured-based session specially designed for Q 800 and DMA 850 instruments user.

The course covers:

- Basic Theories of DMA
- DMA Instrumentation
- Calibrations
- Linear Viscoelasticity
- Available tests modes
- Applications

This half day training course will be held via Teams. Attendees will have an opportunity to raise enquiry whenever doubt arises.

DMA HANDS-ON TRAINING

1:30 PM - 5:00 PM

This live demo session is conducted by using latest Discovery DMA analyzer – DMA850 model with operation software - TRIOS software.

The course covers:

- Live instrumentation briefing
- Live Experimental Parameters setup
- Live Software operation
- Live sample preparation & testing
- Data Analysis and Interpretation

This half day training course will be held via Teams. Attendees will have an opportunity to raise enquiry whenever doubt arises.

RHEOLOGY THEORY & APPLICATIONS TRAINING

9:00 AM - 12:00 PM

This is a lectured-based session specially designed for Q-series (modulated feature) and Discovery series instruments user.

The course covers:

- Basic in rheology theory
- Rheometers Instrumentation
- Flow Tests
- Oscillation Tests
- Transient tests
- Applications

This half day training course will be held via Teams. Attendees will have an opportunity to raise enquiry whenever doubt arises.



2021 ONLINE TRAINING COURSES

RHEOLOGY HANDS-ON TRAINING

1:30 PM - 5:00 PM

This live demo session is conducted by using latest Rheometer model – HR 30 model with operation software - TRIOS software.

The course covers:

- Live instrumentation briefing
- Live Experimental Parameters setup
- Live Software operation
- Live sample preparation & testing
- Data Analysis and Interpretation

This half day training course will be held via Teams. Attendees will have an opportunity to raise enquiry whenever doubt arises.

CALENDAR

Dates subject to change

COURSE	FEBRUARY	MAY	AUGUST	NOVEMBER
DSC Theory & Applications Training	2 nd (am)	4 th (am)	3 rd (am)	9 th (am)
DSC Hands-on Training	2 nd (pm)	4 th (pm)	3 rd (pm)	9 th (pm)
DSC Advanced Training	3 rd (am)	5 th (am)	4 th (am)	10 th (am)
TGA Theory & Applications Training	4 th (am)	6 th (am)	5 th (am)	11 th (am)
TGA Hands-On Training	4 th (pm)	6 th (pm)	5 th (pm)	11 th (pm)
TGA Advanced Training	5 th (am)	7 th (am)	6 th (am)	12 th (am)
DMA Theory & Applications Training	22 nd (am)	20 th (am)	16 th (am)	22 nd (am)
DMA Hands-On Training	22 nd (pm)	20 th (pm)	16 th (pm)	22 nd (pm)
Rheology Theory and Applications Training	23 rd (am)	21 st (am)	17 th (am)	23 rd (am)
Rheology Hands-On Training	23 rd (pm)	21 st (pm)	17 th (pm)	23 rd (pm)

**am class is 9:00 a.m. – 12:00 a.m.; pm class is 1:30pm – 5:00pm*

Kindly scan QR code below for registration. Closing date is 5 working days prior to the course date.

Singapore and S.E.A Users QR code



Malaysia Users QR code

