

# CL-DEE

Calibration Laboratory  
NABL ISO 17025: 2017 Accredited  
Department of Energy and Environment  
National Institute of Technology  
Tiruchirappalli-620015



*proudly presents*

*Online workshop on*

## TOOLS AND TECHNIQUES FOR QUALITY RESEARCH

**29 Oct 2020**  
**THURSDAY**

Session 1 - Systematic Literature review, Scientometrics and Meta-analysis by Prof.R.Varthini, Govt. college of Engg., Srirangam

Session 2- Experimental uncertainty & error propagation estimation using GUM & Monte carlo method by Mr. Gopi, Technical Manager(ET), CL-DEE, NIT- Trichy

Session 3 - Finding and Managing scientific literature/ information for Research by Dr. S. Sivachidambaram, Librarian, Central Library, NIT- Trichy

Session 1 - Evaluation and Expression of uncertainty in thermocouple by Dr.Y.P.Singh, Ex- Chief scientist & Head of temperature and humidity standards division, CSIR-NPL, New Delhi

Session 2 - Significance of RSM and its applications by Dr. R. Edwin Raj, Professor, Dept. of Mechanical Engineering, St. Xavier's Catholic college of Engg., Nagercoil.

Session 3- Formatting Research articles in Latex by Dr. J.Rathinaraja, Asst. Professor, School of Computer Science and Engineering, VIT-AP

**30 Oct 2020**  
**FRIDAY**

**31 Oct 2020**  
**SATURDAY**

Session 1 - Data analysis using BlueSky statistics, JAMOVI and JASP by Dr.P.Murugan, Asst. Professor, School of Management studies, University of Hyderabad

Session 2- Estimation of Uncertainty in measurements by Mrs. Shaila Nadgir, Product manager- Electrical, Fluke technologies Pvt. Ltd., Bangalore.

**REGISTRATION FEE- RS. 300/-**

*(\*\*\*including GST)*

**WORKSHOP DATE(S) -**

**29TH TO 31ST OCTOBER 2020**

### Account details

**Account name: The Director, NIT Trichy**

**Account no. : 10023883064**

**IFSC code : SBIN0001617**

**Payable at : NIT Trichy**

**Registration Link-**

<https://forms.gle/YYdaVwSLpqznueT47>

E-CERTIFICATE  
SHALL BE  
ISSUED

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## TOOLS AND TECHNIQUES FOR QUALITY RESEARCH

### Schedule

<i>Date</i>	<i>Time</i>	<i>Title</i>	<i>Speaker</i>
<b>29 Oct 2020</b> <b>THURSDAY</b>	10.15 AM to 10.30 AM	Inauguration and Introductory speech for the webinar series	Dr. M.Premalatha, Professor & Head, Dept. of Energy and Environment
	10.30 AM to 12.00 PM	Systematic Literature review, Scientometrics and Meta-analysis	Prof. R. Varthini, Govt. college of Engineering, Srirangam
	01.30 PM to 3.15 PM	Experimental uncertainty and error propagation estimation using GUM and Monte carlo method	Mr. G.Gopi, Technical Manager (Electrotechnical), CL-DEE, NIT- Trichy
	03.30 PM to 05.00 PM	Finding and Managing scientific literature/ information for Research	Dr. S. Sivachidambaram, Librarian, Central Library, NIT-Trichy
<b>30 Oct 2020</b> <b>FRIDAY</b>	10.00 AM to 12.00 PM	Evaluation and Expression of uncertainty in thermocouple	Dr. Y.P.Singh, Ex-Chief scientist & Head of temperature and humidity standards division, CSIR-NPL, New Delhi
	12.00 PM to 1.30 PM	Significance of RSM and its applications	Dr. R. Edwin Raj, Professor, Dept. of Mechanical Engineering, St. Xavier's Catholic college of Engg., Nagercoil
	2.00 PM to 4.30 PM	Formatting Research articles in Latex	Dr. J.Rathinaraja, Asst. Professor, School of Computer Science and Engineering, VIT-AP
<b>31 Oct 2020</b> <b>SATURDAY</b>	10.00 AM to 12.00 PM	Data analysis using Bluesky statistics, JAMOVI and JASP	Dr. P.Murugan, Asst. Professor, School of Management studies, University of Hyderabad
	2.30 PM to 04.30 PM	Estimation of Uncertainty in measurements	Mrs. Shaila Nadgir, Product manager-Electrical, Fluke technologies Pvt. Ltd., Bangalore.