



## HANDS-ON WORKSHOP ON “REAL TIME PCR IN DIAGNOSIS OF DENTAL PATHOGEN - BASICS AND ADVANCED TRAINING” on 18th and 19th August 2023



ORGANISED BY  
**PONDICHERRY CENTRE FOR  
BIOLOGICAL SCIENCE AND  
EDUCATIONAL TRUST**  
(REGISTRATION NO. 2840/B4/2016)

### Location

Pondicherry Centre for Biological Science  
and Educational Trust  
Plot No 8 & 9, Second cross street,  
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## ABOUT THE WORKSHOP

A two-day workshop is being held as part of a skill development programme at Pondicherry Centre for Biological Science and Educational Trust (PCBS), Pondicherry, India, on August 18 and 19, 2023. The goal of the workshop is to offer practical instruction in PCR and RT-PCR. It is primarily designed for instructors, postgraduate students, and research graduate students. The daily sessions will feature hands-on exercises and a setup demonstration for PCR and RT-PCR reactions. Additionally, technological requirements, and troubleshooting will be covered. After the programme is over, PCBS, Pondicherry will also give each participant a training certificate. Candidates who are interested in attending the workshop and becoming experts in PCR and RT-PCR can get in touch with PCBS.



### HOW TO REGISTER ?

Send the duly filled registration form (attached) by Email:  
[pcbsresearch@gmail.com](mailto:pcbsresearch@gmail.com); [researchdirector@pcbsindia.com](mailto:researchdirector@pcbsindia.com)

Selected participants will be intimated through mail, only selected participants will pay the workshop registration fee by online mode (gpay, phonepe) (Bank details will be provided to selected participants via email) and payment details may be sent along with registration form on or before 7th August, 2023.



### Maximum Number of Seats: 10 Participants

- 1) Participants will be provided with notebook, pen and workshop material
- 2) Refreshment will be provided during coffee break
- 3) Participants should bring their own lab coat
- 4) Accommodation and food need to be planned and arranged by the participants



### Important Dates:

Registration (Starts): 17th July 2023

Last date of Registration: 7th August 2023

Workshop date: August 18 and 19, 2023

Registration Fee: Rs. 5000/-

## WORKSHOP SCHEDULE

### DAY: 1

Inauguration and presentation on basics of PCR	- 9.30 AM to 10.30 AM
Discussion on basics of PCR	- 10.30 AM to 10.45 AM
Coffee Break	- 10.45 AM to 11.00 AM
Genomic DNA extraction	- 11.00 AM to 1.00 PM
Lunch Break	- 1.00 PM to 2.00 PM
Real Time PCR of standard bacterial genomic DNA	- 2.00 PM to 4.30 PM
Coffee Break	- 4.30 PM to 4.45 PM
Presentation and demonstration on primer designing	- 4.45 PM to 5.30 PM

### DAY: 2

RT- PCR analysis of target bacteria in unknown sample	- 9.30 AM to 1.00 PM
Coffee Break	- 10.30 AM to 10.45 AM
Presentation on Real Time PCR	- 11.30 AM to 12.30 PM
Lunch Break	- 1.00 PM to 2.00 PM
Data analysis/interpretation (Absolute/relative quantification)	- 2.00 PM to 4.30 PM
Coffee Break	- 4.30 PM to 4.45 PM
Feedback & Certificate distribution	- 4.45 PM to 5.30 PM

