

ONE DAY SEMINAR ON

Plasma Technologies for Purification and Sterilization

1st MARCH, 2024

ORGANIZED BY

INSTITUTE FOR PLASMA RESEARCH
GANDHINAGAR

FOR REGISTRATION, VISIT
www.ipr.res.in/PTPS-2024



Venue

Institute for Plasma Research,
Bhat, Gandhinagar - 382428



Advisory Committee

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Dr. Paritosh Chaudhuri
Dr. S. K. Nema
Dr. Alphonsa Joseph
Dr. A. V. Ravi Kumar
Mr. Niranjan Vaishnav
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Local Organizing Committee

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Mr. Tejas Parekh
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Mr. Kushagra Nigam
Mr. Subrat Das

ABOUT THE THEME OF SEMINAR

PTPS-2024 will showcase plasma based technologies developed indigenously in the field of air and water purification as well as sterilization of medical components. This seminar will benefit medical practitioners, bio-technologists, researchers, pharmaceutical companies and industrialists.

TOPICS COVERED

- ❖ Plasma sterilization of medical equipment
- ❖ Prevention of bio-film formation by plasma surface modification
- ❖ Inactivation of micro-organisms using plasma-activated water
- ❖ Non-thermal plasma for purification of ambient air containing micro-organisms
- ❖ Atmospheric plasma jet for hand sterilization
- ❖ Exhaust gas treatment using plasma
- ❖ Advanced oxidation process for industrial wastewater treatment

WHO SHOULD ATTEND

Researchers and representatives from Health sector, Dairy industries, MSMEs, Environment Sector, Packaging and Textile industries

HOW TO REGISTER

visit the URL: www.ipr.res.in/RTPS-2024
to register yourself
(The online registration will start soon)

ACCOMMODATION

Nearby hotels (On self-payment basis)

CONTACT DETAILS

Dr. Vishal Jain (Convener)
E-mail: ptps@ipr.res.in,
Phone: 07923269028, 9427051498

Dr. G. Ravi (Co-Convener)
E-mail: ptps@ipr.res.in,
Phone: 07923269039,
9662872455

Ms.Nisha Chandwani (Co-Convener)
E-mail: ptps@ipr.res.in
Phone: 07923269033,
9427483253