### एल.पी.जी. इक्युपमेन्ट रीसर्च सेन्टर

MACHAN EXT Q. (15) H 36 3501 725 725 478



### LPG Equipment Research Centre

28 Wr. 1648 Decrevaminaga: Bangalory 560 016

TE ST 36-2564-314E 2257 HOS



To,

Shri. Partha Pratim Chakrabarti Director and Professor **Computer Science and Engineering** Indian Institute of Technology Kharagpur Kharagpur, India - 721302



Sub: Innovation Mela on LPG Equipments

### Dear Sir / Madam,

LPG is the most popular and safe fuel being used in millions of households across the country and mainly being marketed by the three major PSU Oil Marketing Companies (OMC) namely Indian Oil Corporation Ltd, Bharat Petroleum Corporation Ltd and Hindustan Petroleum Corporation Ltd. LPG Equipment Research Centre (LERC) situated at Bangalore is a joint undertaking of these three oil majors in the country, which is working towards the technological advancements, safety and quality assurance of LPG Equipment being used in the country.

To facilitate innovations in the LPG sector, we are intending to conduct an Innovation Mela at LERC, Bangalore very shortly, wherein innovators across the country will get an opportunity to showcase their innovations and innovative ideas. The ideas should primarily focus on LPG related issues like fuel conservation by increasing the efficiency of LPG Stoves, futuristic look of LPG equipment (Cylinder, Valve, Regulator etc) with added safety features, Gadgets for leak checking of LPG Cylinders, Increase in efficiency of Bottling operations, Devices for increase in safety at customer premises etc.

We, at LERC care about your students and their bright ideas and would like to invite your institution to participate in this Innovation Mela IMLEQ 2017 to share the ideas and innovations related to the LPG field. The best 3 unique ideas and innovations will be recognized and rewarded.

This is a life changing opportunity for your students. If your institution is interested, kindly fill in the enclosed application form and send the scanned copy of filled application form to us at imleg2017@lerc.co.in latest by 15th March 2017. Any other queries may please be forwarded to imleq2017@lerc.co.in.

We are hopeful that your institution will actively participate in this Innovation Mela and your ideas will have an impact on the future LPG scenario in the country.

Thanking You

Yours Faithfully,

A K BERA

LPG EQUIPMENT RESEARCH CENTRE

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(JOINT UNDERTAKING OF INDIAN OIL CORPORATION LTD., BHARAT PETROLEUM CORPORATION LTD. 3 HINDUSTAN PETROLEUM CORPORATION LTD.







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To,

LPG EQUIPMENT RESEARCH CENTRE OPP ITI MAIN GATE, DOORAVANINAGAR BANGALORE - 560016

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Centre Stage Presentation	YES	☐ NO		an a
If Yes, Please provide title of Presentation				
I agree in participating in the Innovation Mela to be held at LERC, Bangalore				

CONTACT:

LPG EQUIPMENT RESEARCH CENTRE PH. – 080 2561 3145 / 2257 MAIL US AT: <u>imleg2017@lerc.co.in</u> www.lerc.co.in



# From IDEAS To ENTREPRENEURS......

LERC is giving an opportunity to the budding young brains to showcase their ideas and innovations in the field of LPG Equipment.

Meet three Oil majors of India at one place and present your ideas or prototypes of your innovations.

Are You Ready to Get Your Ideas Recognized and Rewarded ?????

THEN....

Fill in the form to confirm your participation and send a scanned copy to us latest by 15.03.17 at imleq2017@lerc.co.in

Organized By



Venue

LPG EQUIPMENT RESEARCH CENTRE Dooravaninagar, Bangalore - 560016 Ph - 080 2561 3145 / 25612257

(A Joint Undertaking of)







## **ABOUT US**

LERC was conceptualized by the Three Oil Majors of India namely Indian Oil Corporation Ltd, Bharat Petroleum Corporation Ltd and Hindustan Petroleum Corporation Ltd and was set up at Bangalore in the year 1990. It holds a unique and strategic position in technological advancements, safety and Quality Assurance of LPG Equipments used in the country.

LERC is a unique organization in the way that, it is not only a collaborative joint venture by the three Fortune 500 oil sector companies but it is the only entity in India fully dedicated to R&D efforts in the LPG business stream.

LERC has now completed 24 years of dedicated service to the LPG Industry in India benefitting their multicore LPG consumers.

This Center has been recognized as a Scientific and Industrial Research Organization (SIRO) by Dept. of Scientific and Industrial Research (DSIR). LERC has also been given a formal recognition of technical competence in India by National Board of Accreditation Laboratories (NABL) for testing services as per ISO 17025:2005 standard thus providing customers a ready means of reliable services.

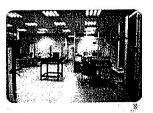
LERC is equipped with the most advanced and modern testing facilities / equipments for testing of LPG Equipments viz LPG Cylinders, SC Valves, Domestic Pressure Regulators, Suraksha Hose and Consumables to provide analytical assistance to the Oil Industry so as to monitor the quality of these equipments.

### Patents:

- > SURAKSHA LPG HOSE
- > NEW TAMPER EVDINT RPVC SEAL
- > HANDHELD LEAK TESTERS
- > FKM BASED SPINDLE GASKET FOR SC VALVE
- > FKM BASED O-RING FOR S C VALVE
- > FKM BASED TIGHT JOINT FOR SC VALVE
- > DETACHABLE FOOTRING & TOP FOR LPG CYLINDER
- MODIFIED SC VALVE WITH DOUBLE SPINDLE GASKET

> COOKTOP





MECHANICAL LABORATORY For Testing LPG Cylinders, SC Valves, DPR



POLYMER LABORATORY Testing SURAKSHA Hose, Safety Caps, Consumables



**COMBUSTION LABORATORY** *For Testing Domestic LPG Stoves*