WANT YOUR BUSINESS TO BE MORE PROFITABLE?
GET AN ENERGY AUDIT DONE IN YOUR FACTORY.

An energy audit can save you up to 20%* on your fuel and energy bill.

An energy audit is essential to identify the sources of energy wastage in your factory. A timely energy audit helps optimize the energy consumption of industrial equipment like furnaces, boilers, DG sets, motors and distribution network, air compressors and refrigeration and illumination towers. The result: you end up saving up to 20%* on your energy bill.

Some more easy ways to save energy:
1. Optimize the usage of energy.
2. Monitor the energy consumption of DG sets regularly.
3. Replace old and unproductive equipment with new and highly efficient equipment.

For more information, visit www.pcra.org or call 011-6198809.

* Savings are indicative only. Actual savings will depend on actual usage of tips and other parameters.
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Fuel Saving Tips

- Switch off engine during traffic red light.
- Use Car Pool - It will reduce at least 50% of your fuel bill.
- Drive in the correct gear.
- Always maintain the recommended tyre pressure.
- Plan your Route/Trips.

LPG Saving Tips

- Always use pressure cooker for cooking.
- Reduce flame when boiling starts.
- Soak pulses, rice etc. before cooking.
- Always cook in broad bottomed vessels.
- Bring refrigerated food items to room temperature before placing them on the Gas Stove for heating.
- Plan your family's meal timings to avoid frequent re-heating of food.
The year 2012 saw a slowdown in the growth of energy consumption globally, partly due to the economic slowdown but also because individuals and businesses have responded to high prices by becoming more efficient in their use of energy. World primary energy consumption grew by 1.8% in 2012, well below the 10 year average of 2.6%. Oil remains the world’s leading fuel, at 33.1% of global energy consumption.

On the contrary, India’s energy consumption, especially of petroleum products, is increasing day-by-day due to the economic growth of the country. As our domestic crude oil production is unable to keep pace with the high growth in demand for petroleum products, the country is heavily dependent on imports. Secondly, the rise in international fuel prices coupled with a steep depreciation in rupee value, besides resulting in a huge outgo of foreign currency, adversely affects the Indian economy. Thus, there is an imperative need to conserve and use scarce oil and gas resources more efficiently in all sectors of the economy.

Petroleum Conservation Research Association (PCRA), under the aegis of Ministry of Petroleum and Natural Gas, has been engaged in sustained efforts to encourage and assist consumers to enhance energy efficiency in all major sectors, viz., Transport, Industry, Domestic, and Agriculture. PCRA’s activities guide the consumers to adopt simple and workable measures towards Oil & Gas conservation.

I am sure that the information given in this Annual Report 2012-13 will be useful to all stakeholders.
The petroleum products play an important and vital role in our Indian economy. With the rapid growth in urbanization and industrialization, the demand of petroleum products is increasing day-by-day in the country. India is importing about 80% of Crude Oil to meet its demand. The huge consumption of petroleum products not only put the burden on our economy but also has adverse effects on environmental quality and health. Thus, as a nation, it is the biggest challenge to meet the demand of petroleum products of our population in an efficient, reliable and affordable manner while being sensitive to the environment protection.

Conservation of petroleum based fuel is the key component to achieve energy security, energy affordability and environmental sustainability. The conservation of fuel requires better and efficient use, resulting in savings as well as environment protection. Therefore, a very high priority has been given by Government of India for conservation of scarce petroleum based fuel so as to reduce necessity for Oil Imports.

A step towards this, Ministry of Petroleum & Natural Gas, Govt. of India had set up Petroleum Conservation Research Association (PCRA) in 1978 to promote the conservation and efficient utilization of petroleum products in all sectors of economy viz. Transport, Industry, Commercial, Domestic and Agriculture in the country. Since its inception, PCRA is actively working towards promotion of fuel conservation among masses through its various field activities.

I am sure that the efforts of PCRA in future too shall be useful in the cause of fuel conservation thereby benefiting the people and the country.

(Rajive Kumar)
Addl. Secretary, MOP & NG and Vice-chairman, PCRA
As our Oil & Gas Reserves are not adequate to meet the demand of petroleum product, the country is heavily depending on import. During the year 2012, India had produced about 42 MT of Oil and 40.2 BCM of Natural Gas as against the demand of 171.6 MT and 54.6 BCM respectively. The extreme volatility in oil price in international market and country’s heavily dependence on oil import to meet its energy need are resulting in huge outgo of foreign exchange. Although the Government has taken several steps towards self-reliance of petroleum products such as increased exploration and production activities in the country, acquiring Oil & Gas assets abroad, development of alternate fuels etc., there is an imperative need for efficient utilization and conservation of petroleum products. There is considerable potential for savings in major sectors of economy viz. domestic, transport, industry, agricultural etc.

Petroleum Conservation Research Association (PCRA), a registered society under Ministry of Petroleum & Natural Gas, has been making constant endeavour to create awareness amongst end users about the conservation measures to save fuel and to formulate and implement strategies for efficient utilization of petroleum products. Towards its mission, PCRA has designed its conservation activities to cover a large spectrum of socio-economic profile of the country in above sectors of economy.

During the year 2012-13, PCRA conducted around 800 Energy Efficiency Studies in the Industry sector in the form of Energy Audits, Fuel Oil Diagnostic Studies and Walk through Audits in various small and medium scale Industries.

Transport Sector, which accounts for almost 50% of the country’s total consumption of petroleum products, remained major focus area for PCRA. During the year 2012-13, PCRA conducted Driver Training Programmes (DTPs) covering about 12,900 drivers and 69 Model Depot Projects (MDPs). In addition to DTPs and MDPs, PCRA also organised 681 nos. of one-day Transport Workshops.

Last year, PCRA associated actively with a number of National and International organizations such as Bureau of Energy Efficiency (BEE), Federation of Indian Chambers of Commerce and Industry (FICCI), Associated Chambers of Commerce and Industry of India (ASSOCHAM), PHD Chamber of Commerce & Industry (PHDCCI), Indian Institute of Petroleum (IIP), Bombay Textile Research Association (BTRA), South India Textile Research Association (SITRA), Northern India Textile Research Association (NITRA) and Energy Conservation Center Japan (ECCJ) in organizing activities like seminars, technical meets, training programmes on energy conservation and energy
audits. These joint programmes proved very useful towards effectively addressing the issue of fuel efficiency to the target audience, apart from dissemination of information.

PCRA had ventured into new initiatives such as Perform, Achieve & Trade (PAT) scheme, ISO 50001:2011 Energy Management System and Standards & Labelling Programme for equipments consuming petroleum products as a fuel viz. Domestic LPG Stove, Diesel Pump sets for Agricultural Purposes and D.G. Sets in order to save energy. Research and Development is another important activity of PCRA. These activities provide strong support to PCRA’s fuel conservation efforts by developing products / processes to improve fuel efficiency.

Education Campaign is used as a communication tool to create mass awareness on efficient utilization of energy resources, a tool that is effective in bringing attitudinal changes through sustained efforts using various medium of communication. The year 2012-13 witnessed PCRA’s effort to reinvent the carrier of the conservation messages, which has culminated in production of new set of creatives for propagation of fuel conservation message amongst the end users of petroleum products. PCRA launched 4th phase of Mega Campaign with new sets of creatives during Feb’13 to March’13 through TV, Radio and Print. The mass awareness among all sections of society was also created through other activities such as printed literature, exhibitions, outdoor publicity, etc.

Like previous years, PCRA in association with Oil & Gas PSUs observed Oil & Gas Conservation Fortnight (OGCF) from 15th-31st January 2013. The State Level Coordinators of Oil Marketing Companies conducted sector specific mass awareness activities for conservation of Oil and Gas. During OGCF’13, PCRA organized various technical seminars, conferences, workshops, National Level Painting Competition and National & State Level Essay Competition for students in Hindi, English, Urdu and twelve regional languages.

With the increased popularity and usage of android applications on mobiles and smart phones in the country, PCRA developed a mobile application “PCRA-Fuel Saving Tips” for android mobile phones which talk about Petroleum Conservation in Transport, Domestic, Agriculture and Industrial Sector.

Human Resources play an important role in the success of any organization. HR has periodically exposed the officers to various managerial development and functional programmes according to the training needs identified for each individual. Presently, PCRA is having a team of more than 30 certified Energy Auditors and Energy Managers. The successful completion of various activities of PCRA bears a testimony to the qualified, competent, dedicated and trained workforce of the organization.

The unstinted support and guidance provided by Chairman and Vice-Chairman of PCRA have been the source of strength to achieve the desired objectives. I gratefully acknowledge the help and support extended to PCRA by other senior officers of Ministry, as well as the executives of Oil & Gas PSUs for providing valuable inputs.

My special appreciation is for PCRA officers for their untiring efforts and dedication in completing the assigned tasks towards achieving fuel conservation.

(Abhay Bakre)
Executive Director, PCRA
Govemment of India responded to the World Oil crisis in the year 1973 and a step towards it, they have given high importance to conservation and efficient utilization of Petroleum products in India. Ministry of Petroleum & Natural Gas, Govt. of India constituted an action group named “Petroleum Conservation Action Group (PCAG)” in 1976 to take the measures towards conservation and efficient utilization of these scarce products. Subsequently, PCAG was reconstituted as “Petroleum Conservation Research Association (PCRA)” as a registered society under the aegis of Ministry of Petroleum & Natural Gas, Govt. of India on 10th August 1978.

PCRA, since its inception, is engaged in promoting fuel conservation and its efficient utilization in major sectors of economy namely Agriculture, Transport, Domestic, Industry and Commercial through its various mass awareness activities, field activities, sponsoring R&D projects, etc. It helps the government in proposing policies and strategies for petroleum conservation, aimed at reducing excessive dependence of the country on oil requirement. Over the years, PCRA has enlarged its role in improving productivity in use of various sources of energy, for the purpose of achieving environment protection and sustainable development.

To achieve its objectives, PCRA has a strong network throughout the country. The Registered Office of PCRA is located in New Delhi. In addition to this, PCRA has 4 Regional Offices at Metro cities and 14 Sub-Regional Offices in major cities of the country.
Executive Director
Shri Abhay Bakre

Director (Technical)  
Shri Sunil Bahl

Additional Director (EC & HR)  
Shri Rajeev Khandelwal

Additional Director (Coord.)  
Shri K. L. Tak

Additional Director (R&D/FA I)  
Shri V. K. Srivastava

Additional Director (FA II)  
Shri S. C. Sharma

Additional Director (Fin)  
Smt. Alka Prasad

Bankers  
Corporation Bank

Statutory Auditor  
M. C. Maheshwari & Co. Chartered Accounts

REGIONAL OFFICES

<table>
<thead>
<tr>
<th>Region</th>
<th>Chief Regional Coordinator</th>
<th>Address</th>
</tr>
</thead>
</table>
| Northern    | Chief Regional Coordinator (Northern Region)  
Petroleum Conservation Research Association  
“Sanrakshan Bhawan”, 10, Bhikaji Cama Place, New Delhi-110 066  
*: 011-26198856, 26109603  
Fax: 011-26109668,  
*: singhsn@pcra.org |
| Eastern     | Chief Regional Coordinator (Eastern Region)  
Petroleum Conservation Research Association  
2, Gariahat Road, Dhakuria, 6th Floor, Indian Oil Bhawan, Kolkata – 700 068.  
*: 033-24145092, 24145088, Fax: 033-24145091  
*: raychaudhuripk@pcra.org |
| Western     | Chief Regional Coordinator (Western Region)  
Petroleum Conservation Research Association  
C-5, Kesava Building, Gr. Floor, Bandra Kurla Complex, Bandra (East), Mumbai-400 051  
*: 022-26592587, 26592181 Fax: 022-26590034,  
*: bakshit@pcra.org |
| Southern    | Chief Regional Coordinator (Southern Region)  
Petroleum Conservation Research Association  
TMB Mansion, 1st Floor, 739, Anna Salai, Chennai-600 002  
*: 044-28524772, 28520417, Fax: 044-28521662,  
*: ajanakiram@pcra.org |
### SUB-REGIONAL OFFICES

<table>
<thead>
<tr>
<th>City</th>
<th>Address</th>
<th>Phone Numbers</th>
<th>Email Address</th>
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<tbody>
<tr>
<td>Ahmedabad</td>
<td>A-10, Devbhoomi Bungalows, Near Basant Bahar, Gala Gymkhana Road, Bopal, Ahmedabad-380 058.</td>
<td>☎️ 09624041464 ☀️ <a href="mailto:bariwalvk@pcra.org">bariwalvk@pcra.org</a></td>
<td></td>
</tr>
<tr>
<td>Bangalore</td>
<td>No. 1, Doodakatappa Road, Halasuru, Near Halasuru Metro Station, Bangalore-560 008.</td>
<td>☎️ 080- 25307226 ☀️ 9900816757 ☀️ <a href="mailto:sachins@pcra.org">sachins@pcra.org</a></td>
<td></td>
</tr>
<tr>
<td>Belgaum</td>
<td>No.9, 1st Floor, Jyotirling Plaza, Congress Road, Tilakwadi, Belgaum.</td>
<td>☎️ 9003076755 ☀️ <a href="mailto:srinivasgn@pcra.org">srinivasgn@pcra.org</a></td>
<td></td>
</tr>
<tr>
<td>Bhubaneswar</td>
<td>Plot No. – N4/182, IRC Village, Nayapalli, Bhubaneswar – 751 015, Plot No. 435/436, Behind Prashani Medicine Store, Near Municipal Hospital, Old Town, Bhubaneswar – 751 002.</td>
<td>☎️ 0674-2554420 ☀️ 09937555999 ☀️ <a href="mailto:mohiniak@pcra.org">mohiniak@pcra.org</a></td>
<td><a href="mailto:mahapatrad@pcra.org">mahapatrad@pcra.org</a></td>
</tr>
<tr>
<td>Chandigarh</td>
<td>H. No. 1010, Sector – 43 B, Chandigarh.</td>
<td>☎️ 0172-2605395 ☀️ 09780901060 ☀️ <a href="mailto:kumarr@pcra.org">kumarr@pcra.org</a></td>
<td><a href="mailto:kumarr@pcra.org">kumarr@pcra.org</a></td>
</tr>
<tr>
<td>Coimbatore</td>
<td>Old No. –29, New No. –25/2, 1st Floor, Kali Amman Koil Street, K K Pudur, Sai Baba Colony, Coimbatore – 641 038.</td>
<td>☎️ 0422-6554002 ☀️ 09566665533 ☀️ <a href="mailto:rajkumart@pcra.org">rajkumart@pcra.org</a></td>
<td><a href="mailto:rajkumart@pcra.org">rajkumart@pcra.org</a></td>
</tr>
<tr>
<td>Hyderabad</td>
<td>3-B, Vinodh Susheel Residency, 253/A, Road No. 11, West Marred Pally, Near Basant Sahney Hospital, Secunderabad – 500 026 (AP)</td>
<td>☎️ 09666074576 ☀️ <a href="mailto:kotam@pcra.org">kotam@pcra.org</a></td>
<td><a href="mailto:kotam@pcra.org">kotam@pcra.org</a></td>
</tr>
<tr>
<td>Jaipur</td>
<td>2/503, Royal Greens Apartments, SIRSI Road, Jaipur (Rajasthan) 302 024.</td>
<td>☎️ 0141-2240974 ☀️ 09414054473 ☀️ <a href="mailto:kalerask@pcra.org">kalerask@pcra.org</a></td>
<td><a href="mailto:kalerask@pcra.org">kalerask@pcra.org</a></td>
</tr>
<tr>
<td>Kochi</td>
<td>Flat No. 5A, Skyline Opel Arch, Judges Avenue Road, Kaloor, Kochi - 682 017</td>
<td>☎️ 0484-2207108 ☀️ 09995893186 ☀️ <a href="mailto:kumarg@pcra.org">kumarg@pcra.org</a></td>
<td><a href="mailto:kumarg@pcra.org">kumarg@pcra.org</a></td>
</tr>
<tr>
<td>Lucknow</td>
<td>B-38, Sector –P, Alliganj, Lucknow (U.P.) – 226 024.</td>
<td>☎️ 0522-2746247 ☀️ 09415067226 ☀️ <a href="mailto:vermas@pcra.org">vermas@pcra.org</a></td>
<td><a href="mailto:vermas@pcra.org">vermas@pcra.org</a></td>
</tr>
<tr>
<td>Nagpur</td>
<td>301, Shrihari Apartment, Plot No. 50/C, Harihar Housing Society, Gokulpeth, Near Sheetla Mata Temple, Nagpur (Maharashtra)– 440 010</td>
<td>☎️ 0712-2053454 ☀️ 08551922211 ☀️ <a href="mailto:manwatkara@pcra.org">manwatkara@pcra.org</a></td>
<td><a href="mailto:manwatkara@pcra.org">manwatkara@pcra.org</a></td>
</tr>
<tr>
<td>Patna</td>
<td>House – ‘Kshitiz’, Opp. S. K. Puram, Lane 19, R.P.S. More, West Bailey Road, Patna (Bihar) – 801 503</td>
<td>☎️ 09771498230 ☀️ <a href="mailto:priyams@pcra.org">priyams@pcra.org</a></td>
<td><a href="mailto:priyams@pcra.org">priyams@pcra.org</a></td>
</tr>
<tr>
<td>Pune</td>
<td>F-503, Malpani Greens, S. No. 206, Near Ambience Hotel, Chatrapati Chowk, Kaspatevasti, Wakad, Pune – 411 057</td>
<td>☎️ 09869012683 ☀️ <a href="mailto:tailorrl@pcra.org">tailorrl@pcra.org</a></td>
<td><a href="mailto:tailorrl@pcra.org">tailorrl@pcra.org</a></td>
</tr>
<tr>
<td>Visakhapatnam</td>
<td>Flat No. 204, Lakshmi Apartment, Waltair, Uplands, Facor Layout Visakhapatnam – 530 003.</td>
<td>☎️ 0891-2525634 ☀️ 094904299352 ☀️ <a href="mailto:pathibl@pcra.org">pathibl@pcra.org</a></td>
<td><a href="mailto:pathibl@pcra.org">pathibl@pcra.org</a></td>
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### MEMBERS OF GOVERNING BODY

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<thead>
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<th>Designation</th>
<th>Organization</th>
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<tbody>
<tr>
<td>1</td>
<td>Sh. G. C. Charturvedi, IAS (till 31.01.2013) Sh. Vivek Rae, IAS (w.e.f.01.02.2013)</td>
<td>Secretary</td>
<td>Ministry of Petroleum &amp; Natural Gas</td>
<td>Chairman</td>
</tr>
<tr>
<td>2</td>
<td>Sh. Sudhir Bhargava, IAS (till 08.05.2013) Shri Rajive Kumar, IAS (w.e.f.14.06.2013)</td>
<td>Special Secretary</td>
<td>Ministry of Petroleum &amp; Natural Gas</td>
<td>Member</td>
</tr>
<tr>
<td>3</td>
<td>Dr. S. C. Khuntia, IAS</td>
<td>Addl. Secretary &amp; Financial Advisor</td>
<td>Ministry of Petroleum &amp; Natural Gas</td>
<td>Member</td>
</tr>
<tr>
<td>4</td>
<td>Sh. L. N. Gupta, IAS (till 05.06.2013) Sh. R. K. Singh (w.e.f.19.06.2013)</td>
<td>Joint Secretary (Refinery)</td>
<td>Ministry of Petroleum &amp; Natural Gas</td>
<td>Member</td>
</tr>
<tr>
<td>5</td>
<td>Sh. R. S. Butola</td>
<td>Chairman</td>
<td>Indian Oil Corporation Limited</td>
<td>Member</td>
</tr>
<tr>
<td>6</td>
<td>Sh. S. Roy Choudhury</td>
<td>Chairman &amp; Managing Director</td>
<td>Hindustan Petroleum Corporation Limited</td>
<td>Member</td>
</tr>
<tr>
<td>7</td>
<td>Sh. R. K. Singh</td>
<td>Chairman &amp; Managing Director</td>
<td>Bharat Petroleum Corporation Limited</td>
<td>Member</td>
</tr>
<tr>
<td>8</td>
<td>Sh. Sudhir Vasudeva</td>
<td>Chairman &amp; Managing Director</td>
<td>Oil &amp; Natural Gas Corporation Limited</td>
<td>Member</td>
</tr>
<tr>
<td>9</td>
<td>Sh. S. K. Srivastava</td>
<td>Chairman &amp; Managing Director</td>
<td>Oil India Limited</td>
<td>Member</td>
</tr>
<tr>
<td>10</td>
<td>Sh. B. C. Tripathi</td>
<td>Chairman &amp; Managing Director</td>
<td>GAIL (India) Limited</td>
<td>Member</td>
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<tr>
<td>11</td>
<td>Sh. A.S. Basu</td>
<td>Managing Director</td>
<td>Chennai Petroleum Corporation Limited</td>
<td>Member</td>
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<td>12</td>
<td>Vacant</td>
<td>Director General</td>
<td>National Productivity Council</td>
<td>Member</td>
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<td>13</td>
<td>Dr. M. O. Garg</td>
<td>Director</td>
<td>Indian Institute of Petroleum</td>
<td>Member</td>
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<tr>
<td>14</td>
<td>Sh. Aramane Giridhar, IAS</td>
<td>Joint Secretary (Exploration)</td>
<td>Ministry of Petroleum &amp; Natural Gas</td>
<td>Co-opt Member</td>
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<tr>
<td>15</td>
<td>Dr Neeraj Mittal, IAS</td>
<td>Joint Secretary (Marketing)</td>
<td>Ministry of Petroleum &amp; Natural Gas</td>
<td>Co-opt Member</td>
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<td>16</td>
<td>Sh. Arun Kumar (till 28.02.2013) Sh. L. N. Gupta, IAS (w.e.f. 05.06.2013)</td>
<td>Secretary, OIDB</td>
<td>Oil Industry Development Board</td>
<td>Co-opt Member</td>
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<tr>
<td>17</td>
<td>Sh. Sanjay Bandopadhyaya, IAS</td>
<td>Joint Secretary (Transport &amp; Admn.)</td>
<td>Ministry of Shipping, Road Transport &amp; Highways</td>
<td>Co-opt Member</td>
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<tr>
<td>18</td>
<td>Sh. Narendra Bhooshan, IAS</td>
<td>Joint Secretary (M&amp;T)</td>
<td>Ministry of Agriculture</td>
<td>Co-opt Member</td>
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<tr>
<td>19</td>
<td>Sh. R K Dang</td>
<td>Former Secretary (Govt. of India)</td>
<td>Co-opt Member</td>
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<td>20</td>
<td>Sh. Abhay Bakre, IRSEE</td>
<td>Executive Director</td>
<td>Petroleum Conservation Research Association</td>
<td>Member Secretary</td>
</tr>
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## MEMBERS OF EXECUTIVE COMMITTEE

<table>
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<td>1</td>
<td>Sh. Sudhir Bhargava, IAS (till 08.05.2013)</td>
<td>Special Secretary</td>
<td>Ministry of Petroleum &amp; Natural Gas</td>
<td>Chairman</td>
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<td></td>
<td>Sh. Rajive Kumar, IAS (w.e.f. 14.06.2013)</td>
<td>Additional Secretary</td>
<td>Ministry of Petroleum &amp; Natural Gas</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Dr. Neeraj Mittal, IAS</td>
<td>Joint Secretary (Marketing)</td>
<td>Ministry of Petroleum &amp; Natural Gas</td>
<td>Member</td>
</tr>
<tr>
<td>3</td>
<td>Sh. Makrand Nene</td>
<td>Director (Marketing)</td>
<td>Indian Oil Corporation Ltd.</td>
<td>Member</td>
</tr>
<tr>
<td>4</td>
<td>Ms. Nishi Vasudeva</td>
<td>Director (Marketing)</td>
<td>Hindustan Petroleum Corporation Ltd.</td>
<td>Member</td>
</tr>
<tr>
<td>5</td>
<td>Sh. K. K. Gupta</td>
<td>Director (Marketing)</td>
<td>Bharat Petroleum Corporation Ltd.</td>
<td>Member</td>
</tr>
<tr>
<td>6</td>
<td>Dr. R. K. Malhotra</td>
<td>Director (R&amp;D)</td>
<td>Indian Oil Corporation Ltd.</td>
<td>Member</td>
</tr>
<tr>
<td>7</td>
<td>Sh. Arun Kumar (till 28.02.2013)</td>
<td>Secretary</td>
<td>Oil Industry Development Board</td>
<td>Member</td>
</tr>
<tr>
<td></td>
<td>Sh. L. N. Gupta, IAS (w.e.f. 05.06.2013)</td>
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<td>8</td>
<td>Sh. A. K. Sinha</td>
<td>Director (EM)</td>
<td>National Productivity Council</td>
<td>Member</td>
</tr>
<tr>
<td>9</td>
<td>Sh. R.K. Ghosh</td>
<td>Director (Refineries)</td>
<td>Indian Oil Corporation Limited</td>
<td>Associate Member</td>
</tr>
<tr>
<td>10</td>
<td>Sh. K. Murali (till 30.06.2013)</td>
<td>Director (Refineries)</td>
<td>Hindustan Petroleum Corporation Ltd.</td>
<td>Associate Member</td>
</tr>
<tr>
<td></td>
<td>Sh. B. K Namdeo (w.e.f. 01.07.2013)</td>
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<tr>
<td>11</td>
<td>Sh. B. K. Datta</td>
<td>Director (Refineries)</td>
<td>Bharat Petroleum Corporation Ltd.</td>
<td>Associate Member</td>
</tr>
<tr>
<td>12</td>
<td>Sh. A. K. Purwaha</td>
<td>Chairman &amp; Managing Director</td>
<td>Engineers India Ltd.</td>
<td>Associate Member</td>
</tr>
<tr>
<td>13</td>
<td>Sh. Satchidananda Rath</td>
<td>Director (Operations)</td>
<td>Oil India Limited</td>
<td>Associate Member</td>
</tr>
<tr>
<td>14</td>
<td>Sh. B. D. Ghosh</td>
<td>Executive Director</td>
<td>Centre For High Technology</td>
<td>Associate Member</td>
</tr>
<tr>
<td>15</td>
<td>Sh. P. S. Ananda Rao</td>
<td>Executive Director</td>
<td>Association of State Road Transport Undertaking</td>
<td>Associate Member</td>
</tr>
<tr>
<td>16</td>
<td>Dr. M. O. Garg</td>
<td>Director</td>
<td>Indian Institute of Petroleum</td>
<td>Associate Member</td>
</tr>
<tr>
<td>17</td>
<td>Sh. P. K. Borthakur</td>
<td>Director (Off-shore)</td>
<td>Oil &amp; Natural Gas Corporation Ltd.</td>
<td>Associate Member</td>
</tr>
<tr>
<td>18</td>
<td>Sh. Prabhat Singh</td>
<td>Director (Marketing)</td>
<td>GAIL (India) Ltd.</td>
<td>Associate Member</td>
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<tr>
<td>19</td>
<td>Smt. Jyoti Arora, IAS (till 07.07.2013)</td>
<td>Director General</td>
<td>Bureau of Energy Efficiency</td>
<td>Associate Member</td>
</tr>
<tr>
<td></td>
<td>Dr. Ajay Mathur (w.e.f. 08.07.2013)</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>20</td>
<td>Dr. A. Didar Singh</td>
<td>Secretary General</td>
<td>Federation of Indian Chambers of Commerce and Industry (FICCI)</td>
<td>Associate Member</td>
</tr>
<tr>
<td>21</td>
<td>Sh. D. S. Rawat</td>
<td>Secretary General</td>
<td>The Associated Chambers of Commerce and Industry of India</td>
<td>Associate Member</td>
</tr>
<tr>
<td>22</td>
<td>Sh. Abhay Bakre, IRSEE</td>
<td>Executive Director</td>
<td>Petroleum Conservation Research Association</td>
<td>Member Secretary</td>
</tr>
</tbody>
</table>
# MEMBERS OF SCREENING COMMITTEE

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name</th>
<th>Designation</th>
<th>Organization</th>
<th>Status in Committee</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Sh. Abhay Bakre, IRSEE</td>
<td>Executive Director</td>
<td>Petroleum Conservation Research Association</td>
<td>Chairman</td>
</tr>
<tr>
<td>2.</td>
<td>Sh. Partha S. Das</td>
<td>Director (S&amp;P)</td>
<td>Ministry of Petroleum &amp; Natural Gas</td>
<td>Member</td>
</tr>
<tr>
<td>3.</td>
<td>Sh. G.M. Bagai</td>
<td>Advisor / Scientist “G”</td>
<td>Ministry of Science &amp; Technology</td>
<td>Member</td>
</tr>
<tr>
<td>4.</td>
<td>Dr. R. K. Malhotra</td>
<td>Director (R&amp;D)</td>
<td>IOCL (R&amp;D) Centre</td>
<td>Member</td>
</tr>
<tr>
<td>5.</td>
<td>Dr. S.K. Singhal</td>
<td>Scientist “G”</td>
<td>Indian Institute of Petroleum</td>
<td>Member</td>
</tr>
<tr>
<td>6.</td>
<td>Smt. Parminder Bajaj</td>
<td>Scientist “G” &amp; Chief Standardization</td>
<td>Bureau of Indian Standards</td>
<td>Member</td>
</tr>
<tr>
<td>7.</td>
<td>Prof. S. Basu</td>
<td>Head, Deptt. of Chemical Engineering</td>
<td>Indian Institute of Technology</td>
<td>Member</td>
</tr>
<tr>
<td>8.</td>
<td>Sh. R. Krishnamurthy</td>
<td>Director</td>
<td>Centre for High Technology</td>
<td>Member</td>
</tr>
<tr>
<td>9.</td>
<td>Sh. Ganesh Prasad</td>
<td>General Manager (R&amp;D)</td>
<td>Engineers India Ltd.</td>
<td>Member</td>
</tr>
<tr>
<td>10.</td>
<td>Sh. Janardan Sharma</td>
<td>Ch. Manager (R&amp;D)</td>
<td>Bharat Petroleum Corporation Ltd.</td>
<td>Member</td>
</tr>
<tr>
<td>11.</td>
<td>Sh. P. Krishnan Kutty</td>
<td>CEO</td>
<td>LPG Equipment Research Centre</td>
<td>Member</td>
</tr>
<tr>
<td>12.</td>
<td>Sh. Girish Sethi</td>
<td>Director, Energy Environment Tech. Div.</td>
<td>The Energy and Resources Institute</td>
<td>Member</td>
</tr>
<tr>
<td>13.</td>
<td>Sh. K. Srinivas</td>
<td>Dy. Director</td>
<td>Automotive Research Association of India</td>
<td>Member</td>
</tr>
<tr>
<td>14.</td>
<td>Sh. Sunil Bahl</td>
<td>Director (Tech.)</td>
<td>Petroleum Conservation Research Association</td>
<td>Member</td>
</tr>
<tr>
<td>15.</td>
<td>Sh. V.K. Srivastava</td>
<td>Addl. Director (R&amp;D)</td>
<td>Petroleum Conservation Research Association</td>
<td>Member Secretary</td>
</tr>
</tbody>
</table>
VISION, MISSION AND OBJECTIVES

VISION

➢ To become a center of excellence for conservation of hydrocarbons & environment protection for sustainable development by our inherent strength.

MISSION

➢ Efficient energy utilization and environment protection leading to improvement in quality of life.

OUR OBJECTIVES

➢ To formulate strategies and promote measures for accelerating conservation of petroleum products leading to environment protection, energy security and sustainable development.

➢ To create awareness among masses about the importance, benefits and methods of conserving petroleum products and clean environment by enhancing information and capacity building.

➢ To promote research, development and deployment efforts aimed at petroleum conservation and environment protection, support and facilitate efforts for adoption and dissemination of fuel-efficient technologies and substitution of petroleum products with alternate fuels and renewable.

➢ To establish synergistic institutional linkages at the national and international levels in the areas of petroleum conservation and environment protection.

➢ To provide training and technical advisory services, designed to achieve economy and efficiency in the use of petroleum products for cleaner environment.

➢ To function as a ‘Think Tank’ to the Government of India for proposing policies and strategies on petroleum conservation and environment protection aimed at reducing excessive dependence on oil.
Field Activities are one of the core areas of PCRA operations. Through Sectoral Field Activities, PCRA engineers and its empanelled experts reach the targeted groups with energy conservation programmes. These activities are designed to cover a large spectrum of socio-economic profile of our country in different sectors viz. Industry, Transport, Domestic, Agricultural and Commercial. During 2012-13, targets were fixed in a manner so as to increase the outreach of these programmes on conservation. During the year, a total of 7179 nos. of field activities were carried out. The trend of PCRA activities is shown below:

**Summary of Field Activities during 2012-13**

<table>
<thead>
<tr>
<th>S. No.</th>
<th>ACTIVITY</th>
<th>2011-12</th>
<th>2012-13</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Energy Audits</td>
<td>328</td>
<td>358</td>
</tr>
<tr>
<td>2</td>
<td>Fuel Oil Diagnostic Study</td>
<td>159</td>
<td>221</td>
</tr>
<tr>
<td>3</td>
<td>Service to Small Scale Industry</td>
<td>161</td>
<td>221</td>
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<tr>
<td>4</td>
<td>Follow Ups</td>
<td>422</td>
<td>421</td>
</tr>
<tr>
<td>5</td>
<td>Institutional Training Programme</td>
<td>494</td>
<td>580</td>
</tr>
<tr>
<td>6</td>
<td>Seminar / Technical Meet</td>
<td>109</td>
<td>148</td>
</tr>
<tr>
<td>7</td>
<td>Model Depot Project</td>
<td>99</td>
<td>69</td>
</tr>
<tr>
<td>8</td>
<td>Driver Training Programme</td>
<td>605</td>
<td>815</td>
</tr>
<tr>
<td>9</td>
<td>Kisan Mela</td>
<td>80</td>
<td>55</td>
</tr>
<tr>
<td>10</td>
<td>Youth Programme</td>
<td>1655</td>
<td>1576</td>
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<tr>
<td>11</td>
<td>Exhibition</td>
<td>112</td>
<td>167</td>
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<tr>
<td>12</td>
<td>Industry Workshop</td>
<td>293</td>
<td>368</td>
</tr>
<tr>
<td>13</td>
<td>Transport Workshop</td>
<td>708</td>
<td>681</td>
</tr>
<tr>
<td>14</td>
<td>Domestic Workshop</td>
<td>927</td>
<td>867</td>
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<td>15</td>
<td>Agricultural Workshop</td>
<td>716</td>
<td>594</td>
</tr>
<tr>
<td>16</td>
<td>Van Publicity Cycle</td>
<td>12</td>
<td>7</td>
</tr>
<tr>
<td>17</td>
<td>Training for DTI</td>
<td>-</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td><strong>TOTAL</strong></td>
<td><strong>6880</strong></td>
<td><strong>7179</strong></td>
</tr>
</tbody>
</table>
INDUSTRIAL SECTOR

A. Energy Efficiency Studies:

During 2012-13, PCRA carried out 800 energy efficiency studies in Industrial sector, which included Energy Audits (358), Fuel Oil Diagnostic Studies (221) and Walk-through-Audits (221) in large, medium and small scale industries. The trend of energy efficiency studies conducted by PCRA during the last three years is shown below:

![Energy Efficiency Studies Trend Graph]

Brief detail of some of the major energy efficiency studies conducted during the year 2012-13 are given below:

i) **M/s Haryana Power Generation Company Limited (HPGCL), Panipat:**
PCRA has carried out the energy audit of 500 MW (2 x 250 MW) Coal based Panipat Thermal Power Station of M/s. Haryana Power Generation Company Limited. During the audit, a savings of 31696 TOE per year has been identified.

ii) Energy Audit of 9 POL locations of HPCL were carried out and identified the total savings potential of 283.86 KLOE.

iii) PCRA has carried out energy audit of M/s. Machino Polymers, Gurgaon and identified savings of 1014 TOE per year.


v) **Third Party Independent Evaluation Agency–Energy Audit (TPIEA–EA):**
It is the job of third party independent evaluation agency – Energy Audit (TPIEA – EA) for establishing baseline data and fixation of accountability besides reduction of aggregate technical and commercial (AT&C) losses in Kerala. The Energy Conservation Opportunities (ECO) were identified to the tune of 4759.79 KLOE as per details below:

- KSEB, Varkala: 96 KLOE
- KSEB, Kochi: 4019.14 KLOE
- KSEB, Ponnani: 107.87 KLOE
- KSEB, Thodupuzha: 155.38 KLOE
- KSEB, Koyilandi: 69.58 KLOE
- KSEB, Kothamangalam: 159.21 KLOE
- KSEB, Tiruvalla: 175.65 KLOE

B. Technical Seminars:

Technical seminars are an effective tool for the dissemination of information relating to advancement made in technologies and also for improvement in operational practices for improving energy efficiency. PCRA, during 2012-13, organized 148 Seminars / Technical Meets for the benefit of specific industrial sectors.

During these seminars, PCRA shared its experience of conducting energy efficiency studies through case study presentations containing details of investment required and the benefits accrued through implementation of the energy conservation measures.
Brief details of some of the important Seminars / Technical Meets conducted during the year are given below:

i) Technical Meet on “Industrial Waste Heat Recovery”:

Industrial waste heat refers to energy that is generated in industrial processes without being put to practical use. Waste heat losses arise both from equipment inefficiencies and from thermodynamic limitations on equipment and processes. Recovering industrial waste heat can be achieved via numerous methods. There is a dire lack of information on the source of the largest waste heat losses in different sectors and processes and the nature of different waste heat sources (e.g., the waste heat quality and chemical composition) — knowledge of these factors is critical in determining the feasibility and extent of opportunity for waste heat recovery.

In view of the above, PCRA in association with Federation of Indian Chambers of Commerce & Industry (FICCI) organized a two days Technical Meet on “Industrial Waste Heat Recovery” on 21st – 22nd January 2013 in New Delhi and on 29th – 30th January 2013 in Mumbai.

Both the technical meets were well received by the Industry and had participation of more than 150 delegates at both locations. Presentations included aspects of WHR systems, Heat exchangers, High & Low temperature WHR technologies, Type of WHR equipments and Operation & maintenance of WHR equipment etc.

ii) Industry Confidence & Capacity Building International Workshops on “Advanced Energy Efficient Technologies” for Meeting PAT Scheme Targets by Designated Consumer Industries”:

The "Perform, Achieve and Trade" (PAT) mechanism is the most innovative and challenging initiative introduced under NMEEE (National Mission for Enhanced Energy Efficiency). PAT mechanism assigns energy efficiency improvement targets to the energy-intensive Designated Consumer industries.

In the above context, PCRA in association with Federation of Indian Chambers of Commerce & Industry (FICCI) organized two Industry confidence building workshops on “Advanced Energy Efficient Technologies” to meet PAT scheme targets by DC Industries” on 20th to 22nd June 2012 in New Delhi and 26th to 27th June 2012 in Chennai. These workshops are expected to address towards better understanding of PAT mechanism, financial incentives and information on energy efficient technologies to achieve energy reduction.

iii) Technical Seminar on PAT in Lucknow:

PCRA in association with Uttar Pradesh State Designated Agency (UPSDA) & Uttar Pradesh Rajya Vidyut Utpadan Nigam Limited (UPRVUNL) had organized a technical seminar on Perform, Achieve & Trade (PAT) Scheme for Thermal Power Plants at Shakti Bhawan, Lucknow on 18th March 2013.

The seminar was jointly inaugurated by Shri Alok Kumar, IAS, CMD, UPRVUNL and Shri S. N. Singh, CRC-NR, PCRA.

During the inaugural address, CRC-NR, PCRA urged upon the need of conservation and efficient utilization of energy and also informed the participant about the role of PCRA in implementation of PAT scheme.

During the seminar, SRO, Lucknow had presented a paper on PAT scheme and a case study of energy audit for a Thermal Power Plant in Chhattisgarh.
The seminar was attended by senior official/ engineers of state run power plants in Uttar Pradesh. Around 50 person were present in the seminar.

iv) Technical Meet in association with IIPE Hyderabad Chapter:

Considering huge consumption of lubricants in India (1.75 MMT), PCRA in association with IIPE organised technical meet on 15.06.2012 at Hyderabad in order to bring awareness among the consumers about the importance of lubricants and the ways to conserve it. The meet was well responded by about 60 participants from 20 different organizations.

v) Technical Meet in association with South Central Railway (SCR):

A Technical Meet was organized on “Energy Scenario & Energy Saving Opportunities in Lighting systems” for Heads of the Railway Consumer Depots (RCDs) of SCR on 18.09.2012 at South Central Railway Training Centre (C-TARA, Tarnaka), Secunderabad. The programme was attended by all 21 Location Heads of RCDs, apart from other officers from SCR-HQ.

Sh. T. S. N. Murthy, Dy. CME (R&L) inaugurated the programme and played a role of mentor during the programme.

C. Exhibitions:

Through participation in National and International exhibitions, PCRA exhibits its in-house capabilities and expertise by displaying information about successful case studies on services provided to various sectors. PCRA participated in / organized 167 exhibitions during 2012-13.

Brief details of some of the prestigious Exhibitions participated by PCRA during the year are given below:

i) An exhibition was organized by Ministry of Science & Technology, Govt. of Odisha in association with PCRA on 11.01.2013 under “Mission Energy Conservation Efficiency & Renewable Energy”. The participants included state govt. engineers and school teachers of various districts of Odisha. The purpose of the programme was to sensitize the teachers of the various schools about energy conservation who in turn would educate the students.

ii) A one-day exhibition cum seminar on “Energy Conservation & Environment Protection” was organized by PCRA-ER at Balasore on 31.08.2012 in association with North Orissa Chamber of Commerce & Industry (NOCCI). The participants included members from prominent companies like Balasore Alloys, Emami Paper Mill, ORIPOL,
ORIPLAST, Jagdamba Polymer, Polar Pharmaceuticals etc. The program was inaugurated by the President of NOCCI.

D. Institutional Training Programme:

The Institutional Training Programme (ITP) is an activity primarily meant to share the experience gained by PCRA during industry audits. These training programmes are targeted at raising the awareness level of the members of industry about the conservation opportunities that can be realized through the energy audit of their plant. During 2012-13, PCRA conducted 580 ITPs in various industries.

![Performance Trend]

Brief details of some of the prestigious ITPs conducted by PCRA are given below:

i) **Customized Training Programme for Steel Plant**

PCRA conducted Industrial Training Programme on “Energy Conservation, Energy Audit & Case Study” at Rourkela Steel Plant for the engineers of Rourkela Steel Plant, Bokaro Steel Plant and Bhilai Steel Plant.

The training programme was well received by the Industry representatives and opened up business opportunities in terms of Energy Audits.

ii) **Training Programmes for M/s Field Gun Factory, Kanpur**

PCRA conducted ITP for the Plant Engineers of M/s Field Gun Factory, Kanpur, which is a defense establishment. Total 20 participants including their General Manger & Addl. General Manager were present in this programme.

On this occasion, a presentation was made on various energy conservation opportunities available in the industry mainly in furnaces, boilers & DG sets. The entire programme was quite interactive with lot of queries from both sides to make the programme lively. A quiz on energy conservation in day-to-day life was also conducted.

iii) **ITP was also conducted at the Office of the Chief Electrical Inspector cum Advisor, Govt. of Assam.**

iv) **Training programme for TNEB employees on “Energy Scenario and PAT”** were covered in NCTPS, ETPS, Basin Bridge.

E. Industrial Workshops:

PCRA conducted 368 workshops covering energy and fuel saving measures along with screening of clippings and films on the tips of fuel and energy saving in industries.

**TRANSPORT SECTOR:**

The transport sector accounts for almost 50% of country’s total petroleum products consumption. Studies in this area have indicated that a saving potential of around 20% exists in the transport sector. To realize this saving potential, PCRA conducts variety of programmes for State Transport Units (STUs), private fleet operators, organizations in the private and public sector to promote efficient use of petrol, diesel, lubricants and greases through better maintenance practices, better driving habits, model depot studies, emission awareness programmes, exhibitions, workshops, clinics etc. all over the country.
I) Driver Training Programme:

The main objective of the driver training programme is to train the drivers on good driving habits and maintenance practices in order to develop a cadre of good drivers and thus to promote and propagate fuel efficiency in Transport Sector. Through this specially designed Driver Training Programme (DTP) for the sector, drivers from STUs, Army, Border Security Force, Oil companies and private fleet operators are imparted training to improve their driving skills.

During the year 2012-13, PCRA trained about 12,900 Drivers by conducting 815 DTPs all across four Regions of Country. PCRA’s Driver Training Programme has emerged as one of the most effective and important tool to improve KMPL. A large part of the increase in KMPL of the STUs and other transport fleets is due to the efforts of PCRA through constant interaction and appraisal on adoption of good driving habits by the drivers.

Some of the major DTPs are as follows:

- DTPs for MSRTC, GSRTC, APSRTC, KSRTC, Bangalore Metropolitan Transport Corporation, GMR HYD. INTL. Airport.
- DTPs conducted for Defense in Punjab, J&K and Uttarakhand.
- DTPs for Army, EICHER Motors, Mahindra Motors and Tata Motors.
- A mega workshop in Chennai for skill development and capacity building of Driver Training Instructors (DTIs) by calling OEMs like Nagercoil Zonal Driving School Owners Association and academicians.

II) Model Depot Project:

Model Depot Project is a unique service provided by PCRA. This is an integrated programme to study the existing management, infrastructure and maintenance practices of the depots and workshops of STUs and other fleet operators having low KMPL. The study comprises of a detailed analysis of all historical records of the depot and examination of the current condition of vehicles and making recommendations for improving the systems with time bound action plans. During 2012-13, a total of 69 such studies were carried out.

III) One-Day Transport Workshop:

This workshop is to bridge the considerable information gap amongst drivers and mechanics regarding proper operational and maintenance practices for achieving optimum fuel consumption.

![Graph showing the number of One-Day Transport Workshops from 2010-11 to 2012-13]

During 2012-13, PCRA organized 681 nos. of such workshops. Audio visual aids and PCRA’s printed material were used to train the drivers and mechanics properly and upgrade their awareness level about good driving and maintenance practices.

AGRICULTURE SECTOR:

PCRA’s efforts in agriculture sector focuses on van publicity, workshops on Bio Diesel, Kisan Melas and exhibitions. During the year, PCRA participated in 55 Kisan Melas and conducted 594 workshops for farmers where clippings and films produced by PCRA about the tips on fuel saving and demonstration of ISI mark pumps, foot valves and Bio Diesel were shown.

a) Kisan Melas & Workshops:

Through participation in various Kisan
Melas, the scope of energy optimization through adoption of proper techniques pertaining to the respective agro climatic zone is conveyed. The stalls were put up at Kisan Melas and printed leaflets were distributed among the farmers to spread the message of Fuel Conservation. PCRA’s developed films for agriculture sector were also shown on fuel conservation in these Melas / Workshops. During 2012-13, total 649 nos. of such activities were carried out.

b) Association with State Institute of Rural Development :

PCRA activities on energy conservation have been integrated with the structured programmes of Gandhigram Rural University (GRU), Gandhigram. PCRA along with GRU has been conducting awareness programmes to youths, farmers, Housewives, Self help Groups, students, Non-Government organizations and other Welfare organizations working in the rural sector.

DOMESTIC SECTOR :

a) Domestic workshops for house wives :

The focus of PCRA activities during the year was on educating women on better cooking habits aimed at conservation of LPG, PNG and Kerosene, use of fuel-efficient stoves and lighting appliances, use of alternative sources of energy such as solar, bio-gas etc. This was supplemented through screening of PCRA produced films. PCRA conducted 867 awareness workshops during 2012-13.

b) Youth Programmes :

PCRA organizes a variety of programmes for youth by approaching schools and colleges. These constitute quiz, essay, debate and the painting competitions on topics related to energy conservation. PCRA aims to make young minds understand the issue of energy conservation and motivate them to apply and promote the cause of oil conservation into their widening spheres of domestic and professional lives. During the year, PCRA organized 1576 youth programmes in various schools, colleges and institutions all over the country.

COOPERATION :

a) International Cooperation :

As a part of Government of India’s initiative for cooperation with Japan in the field of Oil & Gas, PCRA executed MoU with “Energy Conservation Center Japan (ECCJ)” on 28th June 2006 in New Delhi. Since then, PCRA has undertaken various collaborative trainings, workshops, experience exchanges, developing Energy Conservation Book on Textile. The validity of the MoU continued for co-operation between PCRA and ECCJ during 2012-13 by duly renewal of same till June 2014.

b) Domestic Cooperation :

During the year, PCRA associated actively with the Regional and National Industry bodies such as Bureau of Energy Efficiency (BEE), Federation of Indian Chambers of Commerce & Industry (FICCI), The Associated Chambers of Commerce & Industry of India (ASSOCHAM), PHD Chamber of Commerce & Industry (PHDCCI), Indian Institute of Petroleum (IIP),
The Bombay Textile Research Association (BTRA), The South India Textile Research Association (SITRA), and Northern India Textile Research Association (NITRA) etc. to carry out jointly the activities such as seminars, technical meet, training programmes and energy audits. These joint programmes proved very useful towards addressing effectively the issue of energy efficiency to the target audience.

**INITIATIVES :**

**a) National Level Painting Competition :**

PCRA in association with Centre for Environment Education (CEE) organized a National Level Painting Competition for students in two groups at more than 700 Schools, spread across the nation. The painting competition received an overwhelming response with participation of more than 40,000 students. Three prizes were given to the winners in each group. The award winning paintings from each location were evaluated for National Level Painting Competition and three best paintings from each of the 2 groups were chosen which were awarded prizes during Oil & Gas Conservation Fortnight 2013 by the Hon'ble Minister for Petroleum & Natural Gas.

1st Prize winning Painting-Group A
Topic: Energy and Environment

(Winner: Miss Shreya Mazumdar, a student of Class: V, Agrasain Balika Siksha Sadan, Howrah)

1st Prize winning Painting-Group B
Topic: Save Fuel Yaani Save Money

(Winner: Master Sandeep Kumar, Class VIII, Govt. High School, Chandigarh)

**b) National and State Level Essay Competition :**

As a part of celebration during Oil & Gas Conservation Fortnight (OGCF-2013), PCRA organized National and State Level Essay Competition on a topic “Oil Conservation - Your Role in its Promotion”.

The essay competition was conducted in Hindi, English and Urdu apart from 12 Regional Languages (Tamil, Kannada, Telugu, Malayalam, Marathi, Gujarati, Bengali, Assamese, Kashmiri, Maithili, Odiya and Punjabi).

PCRA received total around 8,300 essay entries in all the languages combined for the essay competition. It has been observed from the essays that the quality of thought was well matured which shows the concern and importance that the youth accords to the conservation of Oil & Gas.
c) Standards & Labeling Programme for Equipments consuming petroleum products as a Fuel:

PCRA has launched an initiative called Standards and Labeling (S&L) programme aimed towards developing improved efficiency standards of consumption of petroleum products, mainly HSD and LPG in various applications and get the same notified through Bureau of Energy Efficiency (BEE), Ministry of Power. PCRA has taken up 3 appliances involving Domestic LPG Stoves, Diesel Pump Sets for Agricultural purposes and Diesel Engine Driven Generators.

Based on fuel consumption efficiency of products, Star Labeling (from 1 to 5) is proposed to be endorsed on energy efficient products.

This unique initiative of PCRA highlights huge saving potential of petroleum products for the nation thus reducing oil import and burden on foreign exchange outgo. Once the program is launched and implemented, it has the potential of saving approx. 2400 TMT of LPG and 26000 TMT of HSD in diesel engine driven pump sets and generators in 10 years on a cumulative basis. This translates into saving of more than approx ₹1,45,000 crores in ten years.

**d) NEW INITIATIVES:**

i) ISO 50001:2011:

ISO 50001:2011 Energy Management Systems is voluntary International Standard developed by ISO. It gives organizations the requirements for energy management system (EnMS). It establishes a framework for industrial plants, commercial, institutional and governmental facilities and entire organizations to manage energy. It is estimated that the standard could influence up to 60% of the world’s energy use.

PCRA has taken up initiative to work as implementation consultant for ISO:50001 Energy Management System. PCRA has sixteen ISO-50001:2011 EnMS Lead Auditors and more are underway, who have been associated in Energy Efficiency Studies across industrial sectors of varying capacity. Presently, PCRA is providing consultancy for implementation of ISO 50001 EnMS in three units of 2 big Oil PSUs i.e. BPCL, Mahul Refinery, Mumbai and BPCL, LPG Bottling Plant at Uran and Pipeline Div. of IOCL.

**ii) Perform, Achieve & Trade (PAT) scheme:**

In order to accelerate as well as incentivise energy efficiency, the Perform, Achieve and Trade (PAT) mechanism has been designed by BEE under National Mission on Enhanced Energy efficiency. PAT is market-based mechanism to enhance cost effectiveness of improvements in energy-intensive large industries and facilities, through certification of energy savings that could be traded. Under this scheme 8 sectors namely, Thermal Power Plants, Fertilizer, Cement, Pulp & Paper, Textiles, Chlor-Alkali, Iron & Steel, and Aluminium are identified as Designated Consumers. The total 478 industries in the 8 sectors are identified and target for reduction of Energy consumption is notified.

**(PCRA’s strength on PAT:**

- PCRA is in this field for more than 30 years.
- PCRA is depository of more than 2000 Energy Audit Reports in all Sectors.
- PCRA has more than 30 Energy Auditors/ Energy Managers.
- PCRA has successfully completed the Energy Audit of Panipat Thermal Power Plant.
- PCRA has received Work Orders from HPGCL, BPCL, IOCL, GFL etc.)
Research & Development

Research & Development is a major and important activity of PCRA. The R&D activities provide strong support to PCRA’s energy conservation efforts aiming at the development of new products, processes and technologies which have the potential to contribute to energy saving, environmental quality, energy security and sustainable development.

The Indian industry is highly energy intensive. About 50% of the total commercial energy production in India is consumed by the industrial sector and there is a scope of saving of 15-20% in the sector that would result in saving of about 7.5% in overall energy consumption. Hence, a thrust has been given for development of energy intensive industrial clusters like Leather, Cold Storage, Foundries, Textile etc. The methodologies adopted are:

- Identify the energy intensive industrial clusters.
- Tie-up with engineering institutes along with the industry representatives for identifying inefficient processes and designing of prototypes for making the process efficient for the industry.
- Promote the developed prototype for replication with the help of industry associations.
- Promote research in various aspects of conservation in conjunction with IITs, NITs, Council of Scientific & Industrial Research (CSIR) labs etc.

Initiatives Taken:

- Promotion of industrial projects (SMEs) where energy saving potential is high and implementation feasible on replication basis to maximize energy saving for the nation.
- Dissemination of research project details and its economic benefit to similar industries through seminars and workshops with the help of industrial associations.
- Wide publicity / cooperation with industrial association, IITs, Research Institutes for proposals of Energy efficiency projects’ promotion.

Sponsorship of R&D Projects:

PCRA invites Research and Development projects from prestigious Research Institutions, Technical Institutions, CSIR Laboratories, IITs, Universities, IIP, DST approved Research Institutions etc. primarily aimed at petroleum conservation and environmental protection through development of fuel efficient technologies, processes, equipments, appliances etc. in different sectors of economy viz. industry, transport, agriculture and domestic.

Detailed information about the project proposals submitted by various Research Institutions and project developers through filled in standard questionnaire and information about earlier work done on the project is examined. PCRA also assists the project developers to prepare a sound project proposal.

The project proposals are reviewed by Screening Committee of PCRA, which is chaired by Executive Director of PCRA and has members from MoP&NG, Ministry of Science & Technology, Indian Institute of Petroleum, Bureau of Indian Standards, Indian Institute of Technology, Centre for High Technology, Engineers India Ltd, IOCL (R&D), Bharat Petroleum Corporation Ltd, LPG Equipment Research Centre, The
Energy and Resource Institute (TERI) and The Automotive Research Association of India. The project developers make detailed presentation about their project proposals to the Screening Committee of PCRA during its meetings. If the project has potential for saving of petroleum products/reduction in environment pollution, the Screening Committee accords technical approval to the R&D project.

The project developer is required to submit the progress reports along with expenditure statements. PCRA officials occasionally visit the labs of approved projects to monitor the progress of the various projects.

After completion of the project, the project developer submits a draft project report. Screening Committee of PCRA reviews the same and their comments are conveyed to project developer for incorporating in the final project report. The final project report is again reviewed/approved by Screening Committee of PCRA.

On successful completion of R&D projects, PCRA helps in replicating the technologies, processes, equipments, appliances etc. through technology transfer to interested entrepreneurs.

A GLANCE OF R&D PERFORMANCE

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Particulars</th>
<th>No. of Projects</th>
<th>Cost to PCRA (₹ in Lakhs)</th>
<th>Sharing of cost by Industry/Institution (₹ in Lakhs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Projects awarded during the year</td>
<td>4</td>
<td>66.55</td>
<td>50.05</td>
</tr>
<tr>
<td>2</td>
<td>Projects completed during the year</td>
<td>23</td>
<td>450.13</td>
<td>333.23</td>
</tr>
<tr>
<td>3</td>
<td>Ongoing Projects</td>
<td>21</td>
<td>325.65</td>
<td>243.30</td>
</tr>
</tbody>
</table>
It has been a constant endeavor at PCRA to spread the message for the need of conserving petroleum products, a vital component of primary energy, as they play a vital role in the country’s economy, especially in view of increasing imports of petroleum products on account of the demand massively outstripping indigenous production. It is not only paramount to disseminate the message of conserving energy, but also to bring about behavioral changes in the target audience with the help of efficient & innovative tools of message dissemination available, so as to avoid media clutter.

Various studies have suggested that substantial savings can accrue in all the sectors of economy through efficiency improvement which would also help in environmental protection; hence the urgent need for inculcating the spirit to conserve energy.

Mega Campaign :

Studies have revealed that there is a potential to save petroleum products to the tune of 20% by adopting & ingraining simple conservation techniques & tips. However, the challenge lies in channelizing the knowledge for the need of conserving energy to bring about behavioral & attitudinal changes leading to the final objective of making it a habit. Hence, the need to continuously reinforce the communication with the target audience re-emphasizing the message of the need for conservation & also to impart learning to the new consumers of energy.

Design & Production of New Creatives :

The year 2012-13 witnessed PCRA’s effort to reinvent the carrier of the conservation messages, which culminated in production of fresh set of creatives for propagation of the PCRA messages. The new creatives mark a paradigm shift as far as the value benefit accrued, for whilst the old creatives emphasized a generic 20% value benefit, the new creatives focus at personal & tangible benefit accrued to the individual implementing conservation tips, keying on to the attraction of personal benefit & hence enhanced TOM recall.

Details of New Creatives :

<table>
<thead>
<tr>
<th>TVCS</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saas - Bahu (LPG)</td>
<td>Mother-in-law: Saram Mejale? hparkish main... Pawa daba.</td>
</tr>
<tr>
<td>Husband – Wife (LPG)</td>
<td>Wife: I’m impressed Mr. Sharnal.</td>
</tr>
<tr>
<td>Carpool</td>
<td>Wife: Surk good kr should thu ky to.</td>
</tr>
<tr>
<td>Tractor</td>
<td>Ganddkhthn: Deh thar beta haia keh raha hua.</td>
</tr>
<tr>
<td>Drive at 45-55</td>
<td>Husband: Oh sony! The speedometer displays speed coming down to 45kmph.</td>
</tr>
</tbody>
</table>
II Radio Spots

<table>
<thead>
<tr>
<th>Carpool</th>
<th>Two friends (Mr. Sharma &amp; Mr. Srivastava), Drive at 45-55 kmph Two friends, in a car, are going to see a movie.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tractor</td>
<td>Two farmers</td>
</tr>
<tr>
<td>Truck</td>
<td>Ustad (Truck Driver) and Chootu (Helper)</td>
</tr>
<tr>
<td>Frozen Food</td>
<td>House wife (Madam) and her maid (KANTA).</td>
</tr>
<tr>
<td>Soak Food Before</td>
<td>Chachi and her niece (Chhoti)</td>
</tr>
</tbody>
</table>

III PRINT (8 Creatives):

The new creatives were well received and appreciated by the media and the target audience. The new creatives helped PCRA in overcoming the inertia of the old creatives and helped in reemphasizing the concept and need of conservation.

1. LPG - Mobile
2. LPG - Watch
3. Drive At 45-55
4. Carpool
5. Truck
6. Commercial
7. Tractor

WANT TO GET YOUR SON A NEW CYCLE?
SERVICE YOUR TRACTOR’S ENGINE REGULARLY.

*Savings are indicative only. Actual savings will depend on actual usage of tips and other parameters.

Service the engine regularly and save up to Rs. 3,000* annually on your diesel bill. A clean engine significantly reduces your tractor’s diesel consumption. So if you service the engine regularly you can save up to Rs. 3,000* annually. Now, whether you get your son a new cycle or use the money for something else, saving is such a wonderful thing, isn’t it?

Some more easy ways to save diesel:
1. Clean the air filter regularly.
2. Drive your tractor in the correct gear.
3. Maintain recommended tyre pressure.

For more information, visit www.pcra.org or call 011-26198809.

8. Energy Audit

Mega Campaign:
The 4th phase of mega campaign was launched during February’13 to March’13 on Television, Radio and Print mediums in staggered manner with a view to enhance penetration & effectiveness of the campaign. The campaign was planned & executed PAN India & was well received by the stake holders.

The impact of the 4th phase of the mega campaign executed with fresh creatives is in the process of being quantified by a 3rd party independent survey agency, selected through open tender.

1. TV Campaign:

<table>
<thead>
<tr>
<th>Medium</th>
<th>Total no of spots</th>
<th>Total no. of days</th>
</tr>
</thead>
<tbody>
<tr>
<td>TV (Cable &amp; Satellite) –81 nos.</td>
<td>31517</td>
<td>21</td>
</tr>
<tr>
<td>DD-1 (National)</td>
<td>126</td>
<td>21</td>
</tr>
<tr>
<td>DD News (National)</td>
<td>394</td>
<td>21</td>
</tr>
<tr>
<td>DD Bharti</td>
<td>142</td>
<td>21</td>
</tr>
<tr>
<td>DD Regional (6 Nos.)</td>
<td>288</td>
<td>24</td>
</tr>
<tr>
<td>Total</td>
<td>32467</td>
<td>21</td>
</tr>
</tbody>
</table>

2. Radio Campaign:

<table>
<thead>
<tr>
<th>Radio Station</th>
<th>No of Stations</th>
<th>No of Spots</th>
<th>No of Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pvt. FM Radio Stations</td>
<td>73</td>
<td>30737</td>
<td>14</td>
</tr>
<tr>
<td>Vividh Bharti</td>
<td>35</td>
<td>9800</td>
<td>14</td>
</tr>
<tr>
<td>FM Gold/ Rainbow</td>
<td>22</td>
<td>8932</td>
<td>14</td>
</tr>
<tr>
<td>Total</td>
<td>130</td>
<td>49469</td>
<td>14</td>
</tr>
</tbody>
</table>

3. Print Campaign:

<table>
<thead>
<tr>
<th>Print Advertisements</th>
<th>No of Ads</th>
<th>No of Newspaper</th>
</tr>
</thead>
<tbody>
<tr>
<td>LPG (Trim The Flame)</td>
<td>533</td>
<td>533</td>
</tr>
<tr>
<td>CARPOOL</td>
<td>127</td>
<td>127</td>
</tr>
<tr>
<td>LPG (Meal Together)</td>
<td>355</td>
<td>355</td>
</tr>
<tr>
<td>Drive at 45-55 KMPH</td>
<td>428</td>
<td>428</td>
</tr>
<tr>
<td>Energy Audit</td>
<td>280</td>
<td>280</td>
</tr>
<tr>
<td>Commercial Buildings</td>
<td>152</td>
<td>152</td>
</tr>
<tr>
<td>Agriculture</td>
<td>354</td>
<td>354</td>
</tr>
<tr>
<td>Truck Drivers</td>
<td>396</td>
<td>396</td>
</tr>
<tr>
<td>Total</td>
<td>2625</td>
<td>2625</td>
</tr>
</tbody>
</table>

Advertisement in Magazine:

With the view to maximize the reach to the target audience, advertisements were released in magazines as a part of the media-mix in view of their long shelf life & low cost in an effort to reach out to the entire cross-section of the society. PCRA, during 2012-13, has released advertisements in 443 magazines PAN India in all major Indian languages apart from English as against 220 magazines covered during the year 2011-12.
**Campaign in Digital Cinema:**

In pursuit of PCRA’s objective of maximising penetration and propagation of PCRA messages, new & innovative media were identified & campaigns executed in Digital cinemas & web-sites in 2012-13.

PCRA campaign in Digital Cinemas covered 4548 cinema halls, PAN India, covering approximately 990 cities/districts in 30 states & union territories.

**Campaign in Website:**

36 web sites were covered during PCRA campaign.

**Printed Literature:**

PCRA, over the years, has designed and developed a rich bank of conservation literatures for the users of petroleum products carrying useful information and tips for saving of petroleum products. These literatures are regularly distributed free of cost to consumers in various sectors of economy.

During 2012-13, PCRA distributed extensively, to various target groups approximately 10 lacs copies of 28 different types of leaflets, booklets, pamphlets, stickers and posters on petroleum conservation in Hindi, English, Assamese, Bengali, Odiya, Gujarati, Marathi, Punjabi, Kannada, Malayalam, Tamil and Telugu during Oil & Gas Conservation Fortnight 2013 alone.

Besides above, PCRA also publishes a quarterly bulletin titled “ACT (Active Conservation Technique)” carrying latest developments related to energy conservation and distributes free amongst various Industries, Policy Makers and corporate sectors. The bulletin also highlights PCRA’s efforts in the field of conservation.

**OGCF 2013:**

Yet another important event of PCRA, PCRA carried out extensive campaigns during Oil & Gas Conservation Fortnight 2013 throughout the Nation on Television, Print and Radio to promote fuel efficiency in major sectors of economies. For OGCF’13, new creatives for print media were designed and produced so as to pass on messages of conservation to the masses in an effective manner.

Details of media campaign run during OGCF’13 are as under:

<table>
<thead>
<tr>
<th>Media</th>
<th>No. of Channels / News Papers</th>
<th>Total No. of Ads</th>
</tr>
</thead>
<tbody>
<tr>
<td>TV (DD-1 National), DD Regional &amp; Lok Sabha TV</td>
<td>8</td>
<td>272</td>
</tr>
<tr>
<td>All India Radio (National News)</td>
<td>Nation wide</td>
<td>42</td>
</tr>
<tr>
<td>Print</td>
<td>1063</td>
<td>1157</td>
</tr>
</tbody>
</table>
Exhibitions:
Exhibitions provide an interface with the target audience for increasing awareness for judicious use of petroleum products.

➢ PETROTECH 2012:

(PCRA Stall, during Petrotech’12)

PCRA participated in PETROTECH 2012, showcasing PCRA activities plus sharing the fuel saving tips particularly on domestic and transport sector with the participants. The exhibition attracted participation of all the leading up-stream, mid-stream and down-stream PSU and MNC corporate organizations.

➢ India International Trade Fair (IITF) 2012:

(Sh. Sudhir Bhargava, Special Secretary, MOP&NG and Sh. Abhay Bakre, ED, PCRA along with PCRA Team at PCRA Stall, IITF)

PCRA participated in India International Trade Fair (IITF) 2012, held every year during 14th – 27th November at Pragati Maidan, New Delhi, which attracts large crowds from across the entire cross-section of society.

Keeping the same in mind, PCRA participated in IITF 2012 at Pragati Maidan, New Delhi showing PCRA’s efforts and successes stories in the field of conservation of energy, effectively disseminating PCRA...
The manpower requirement of PCRA is drawn from Oil & Gas PSUs viz. IOCL, BPCL, HPCL, ONGC, OIL, GAIL, CPCL etc. on deputation basis normally for a period of five years. The period of deputation, however, can be extended or reduced with mutual consent of concerned Oil PSU and PCRA. After completion of the deputation period, the PCRA employee is repatriated back to his/her parent organization.

Since a large number of energy conservation related activities are carried out by PCRA, a comprehensive induction programme is initially planned for each employee so that he/she gets familiarised with the specialised work of PCRA in energy conservation field and also acclimatises with the work culture in a new set up vis-à-vis earlier postings.

In the Head Quarter of PCRA in New Delhi, the manpower is organized on functional basis like R&D, Education Campaign, Field Activities and in service functions like Finance, Coordination and HR. PCRA offices also exist in Metros as Regional Offices and in major cities around the country as Sub-Regional Offices.

The main functions of C&HR Department are as follows:

- To formulate HR policies, to ensure consistent application of human resource policies, selection on deputation, training, employees' perks / benefits, administration, discipline and employees' appeals.
- To plan, administer and control the establishment and related services for smooth conduct of PCRA jobs.
- To convene Governing Body and Executive Committee meetings.
- To provide extensive and specialized type of training to PCRA personnel in the field of energy efficiency and environment.
- To coordinate various activities of OGCF function with Oil & Gas PSUs.

C&HR facilitates PCRA engineers in successfully completing the Energy Manager & Energy Auditor certification examination of Government of India. Presently, PCRA is having a good team of 27 nos. of Certified Energy Auditors and 9 Nos. of Certified Energy Manager.

Training for M/s ONGC:

During the year 2012-13, a total of 109 training programmes on Energy Conservation Techniques were conducted by PCRA for the non-executives of ONGC posted at various locations such as Dehradun, Ankleshwar, Karaikal, Cambay, Baroda, Sibsagar, Rajamundry, Mumbai, Kolkata, Jorhat, Silchar and Nazira.

The programme covered the energy conservation avenues not only in major cross-cutting and common equipment found in any industry but also appliances found in homes and in day-to-day use. This training programme is a unique and unparalleled since the entire non-executive cadre of ONGC numbering about 7500 staff is being covered through this programme. The programme modules have been designed keeping in view the equipment found at the rigs, platforms, plants and offices / buildings of ONGC. PCRA officers are the faculty for the programme. The course material has an equal mix of theoretical presentations and audio-visual contents on energy conservation. The training is being imparted in regional languages like Gujarati, Marathi, Assamese, Bangla, Telugu and Tamil. The participants are being provided with training kits and reading materials on energy conservation. Earlier in 2008-09, PCRA had organized a similar programme for 20000 executives of ONGC.

The training programme not only helps ONGC in reducing its energy intensity in operations but also empowers its employee with methods to conserve energy and consume it on sustainable basis. This benefits to the employee and the company alike by minimizing personal cost and cost of operations. Besides, it would also save on environmental cost to the society by way of reduced emissions of greenhouse gases.
Oil & Gas Conservation Fortnight (OGCF) is a significant annual event of the Ministry of Petroleum & Natural Gas, which is organized jointly by PCRA and Public Sector Oil & Gas Companies every year from 15th to 31st January.

Started as Oil Conservation Week (OCW) in 1991, this nation-wide campaign has eventually become a very effective tool in creating and spreading mass awareness among the masses about the importance of conservation of petroleum products in the country. Encouraged by the tremendous success of campaign, the duration of OCW was extended to a fortnight from the year 1997, making it Oil Conservation Fortnight (OCF). With increasing use of cleaner and eco-friendly gaseous fuels in the country, the conservation of these fuels has also become equally important. Therefore, w.e.f. the year 2004, this event is being observed as “Oil & Gas Conservation Fortnight (OGCF)” in line with the decision taken in the 63rd Executive Committee meeting of PCRA.

OGCF 2013 took off with impressive Inaugural Functions at the National Capital and all the State Capitals on 15th January 2013. The details of Inaugural Functions held at National Capital and State Capitals are given in Annexure-I.

The theme for this year was –

“SAVE FUEL YAANI SAVE MONEY”

The event in New Delhi was inaugurated by Dr. M. Veerappa Moily, Hon’ble Minister for Petroleum & Natural Gas on 16th January 2013 at Dr. D. S. Kothari Auditorium, DRDO Bhawan in the distinguished presence of Smt. Panabaaka Lakshmi, Hon’ble Minister of State for Petroleum & Natural Gas.
During the function, the “Best Performance Awards” were distributed to State Level Coordinators (SLCs), Regional Level Coordinator (RLC), State Governments and Upstream Sector for their best performance during last OGCF 2012.

The awards were also distributed to the winners of National Level Essay Competition organized for students of Class X & up to Post Graduate in Hindi and English and to the winners of National Level Painting Competition organized for students of Class III to Class V (Group A) and students of Class VI to Class VIII (Group B). On this occasion, 2 nos. of publicity vans were also flagged off by Hon’ble Minister for P&NG and Hon’ble Minister of State for P&NG which covered various states viz. Chandigarh UT, Haryana, Punjab, Rajasthan, Uttar Pradesh and Uttarakhand to create and spread awareness about the conservation of petroleum products among the masses.

In addition to the National Level Essay Competition in Hindi and English, PCRA also organised the National Level Essay Competition in Urdu and State Level Essay Competition in 12 Regional Languages viz. Assamese, Bangla, Gujarati, Kannada, Kashmiri, Maithili, Malayalam, Marathi, Odiya, Punjabi, Tamil and Telugu and the awards were distributed to the winners during the Inaugural / Valedictory function of respective states by SLC. The detail of awards is given in Annexure-II.

Impressive Inaugural functions were also organized at the State Capitals, which were graced by dignitaries like Governors, Chief Ministers, Ministers and other eminent persons.

During OGCF’13, large number of activities like mass rallies, cycle rallies, marathons, human chain, technical seminars, symposiums, essays, quiz and painting competitions, LPG/PNG saving workshops, workshops for industrial workers / drivers etc. were arranged all over the country by PCRA and Public Sector Oil & Gas Companies, for propagation of Oil & Gas conservation messages amongst the major consuming sectors namely, Transport, Industry, Agricultural, Household and Commercial.
**DETAILS OF OGCF 2013 INAUGURAL FUNCTIONS HELD IN STATES**

<table>
<thead>
<tr>
<th>S. No.</th>
<th>City (State)</th>
<th>Chief Guest</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>NORTHERN REGION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>New Delhi</td>
<td><strong>Dr. M. Veerappa Moily</strong>&lt;br&gt;Hon'ble Minister for Petroleum &amp; Natural Gas, Govt. of India</td>
<td>16th January 2013</td>
</tr>
<tr>
<td>2</td>
<td>Jaipur (Rajasthan)</td>
<td><strong>Dr. Lalit Khera, IAS</strong>&lt;br&gt;Principal Secretary (Food, Civil Supplies &amp; Consumer Affairs), Govt. of Rajasthan</td>
<td>15th January 2013</td>
</tr>
<tr>
<td>3</td>
<td>Lucknow (Uttar Pradesh)</td>
<td><strong>Shri Dipak Trivedi, IAS</strong>&lt;br&gt;Principal Secretary (Food &amp; Supply)&lt;br&gt;Govt. of Uttar Pradesh</td>
<td>15th January 2013</td>
</tr>
<tr>
<td>4</td>
<td>Jammu (J&amp;K)</td>
<td><strong>Shri Abass Dar</strong>&lt;br&gt;Secretary (Consumer Affairs &amp; Public Distribution), Govt of J&amp;K</td>
<td>15th January 2013</td>
</tr>
<tr>
<td>5</td>
<td>Mohali (Punjab)</td>
<td><strong>Shri Mandeep Singh, IAS</strong>&lt;br&gt;Secretary (Transport), Govt. of Punjab</td>
<td>15th January 2013</td>
</tr>
<tr>
<td>6</td>
<td>Chandigarh</td>
<td><strong>Shri V.K. Singh, IAS</strong>&lt;br&gt;Finance Secretary, UT Chandigarh</td>
<td>15th January 2013</td>
</tr>
<tr>
<td>7</td>
<td>Shimla (Himachal Pradesh)</td>
<td><strong>Shri. Dinesh Malhotra, IAS</strong>&lt;br&gt;Dy. Commissioner</td>
<td>15th January 2013</td>
</tr>
<tr>
<td>8</td>
<td>Panipat (Haryana)</td>
<td><strong>Shri Sanjeev Singh</strong>&lt;br&gt;Executive Director, Panipat Refinery, IOCL</td>
<td>15th January 2013</td>
</tr>
<tr>
<td>B</td>
<td>EASTERN REGION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Aizawl (Mizoram)</td>
<td><strong>Shri H. Rohluna</strong>&lt;br&gt;Hon'ble Minister for Food, Civil Supplies &amp; Consumer Affairs, Environment &amp; Forest, Govt. of Mizoram</td>
<td>15th January 2013</td>
</tr>
<tr>
<td>10</td>
<td>Kolkata (West Bengal)</td>
<td><strong>Shri Sadhan Pande</strong>&lt;br&gt;Hon'ble Minister In-charge&lt;br&gt;Consumer Affairs Deptt, Govt. of West Bengal</td>
<td>15th January 2013</td>
</tr>
<tr>
<td>11</td>
<td>Imphal (Manipur)</td>
<td><strong>Shri M. Okendro Singh</strong>&lt;br&gt;Hon'ble Minister (CAF&amp;PD), Govt. of Manipur</td>
<td>15th January 2013</td>
</tr>
<tr>
<td>12</td>
<td>Bhubaneswar (Odisha)</td>
<td><strong>Shri Arun Sahoo</strong>&lt;br&gt;Hon'ble Minister of State (Independent) for Energy, Govt. of Odisha</td>
<td>15th January 2013</td>
</tr>
<tr>
<td>13</td>
<td>Itanagar (Arunachal Pradesh)</td>
<td><strong>Shri Takam Sanjoy</strong>&lt;br&gt;Hon'ble Member of Parliament, Govt. of Arunachal Pradesh</td>
<td>17th January 2013</td>
</tr>
<tr>
<td>14</td>
<td>Gangtok (Sikkim)</td>
<td><strong>Smt. Jemima Pradhan</strong>&lt;br&gt;Secretary (Food &amp; Civil Supplies), Govt of Sikkim</td>
<td>15th January 2013</td>
</tr>
<tr>
<td>15</td>
<td>Kohima (Nagaland)</td>
<td><strong>Shri. Menukhol John</strong>&lt;br&gt;Commissioner cum Secretary, Deptt. of Land Resources, Govt. of Nagaland</td>
<td>15th January 2013</td>
</tr>
<tr>
<td>16</td>
<td>Shillong (Meghalaya)</td>
<td><strong>Smt. M.H.K. Marak, IAS</strong>&lt;br&gt;Commissioner (Food, Civil Supplies &amp; Consumer Affairs), Govt. of Meghalaya</td>
<td>16th January 2013</td>
</tr>
<tr>
<td>S. No.</td>
<td>City (State)</td>
<td>Chief Guest</td>
<td>Date</td>
</tr>
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</tr>
</tbody>
</table>
| 17    | Port Blair (Andaman & Nicobar Islands) | Dr. S.K Paul  
Director (Health Services)                                                                 | 16th January 2013    |
| 18    | Guwahati (Assam)                    | Shri R S Virdi  
GM-NF Railway                                                                 | 17th January 2013    |
| 19    | Patna (Bihar)                       | Shri Sajjan Kumar  
General Manager, BSO & SLC - Bihar  
Indian Oil Corp. Ltd. (Mktg. Div.)                                                                 | 15th January 2013    |
| 20    | Ranchi (Jharkhand)                  | Shri. C. P. Singh  
Hon’ble Speaker, Jharkhand Legislative Assembly                                                                 | 15th January 2013    |
|       | **C WESTERN REGION**                |                                                                             |                       |
| 21    | Bhopal (Madhya Pradesh)             | Shri Ram Naresh Yadav  
H.E. Governor of Madhya Pradesh                                                                 | 15th January 2013    |
| 22    | Goa                                | Shri Manohar Parrikar  
Hon’ble Chief Minister, Govt. of Goa                                                                 | 15th January 2013    |
| 23    | Ahmedabad (Gujarat)                 | Shri Raj Kumar, IAS  
Principal Secretary (Food, Civil Supplies & Consumer Affairs), Govt. of Gujarat.                                                                 | 18th January 2013    |
| 24    | Raipur (Chhattisgarh)               | Shri Vikas Sheel, IAS  
Secretary (Food & Civil Supplies), Govt. of Chhattisgarh                                                                 | 15th January 2013    |
| 25    | Mumbai (Maharashtra)                | Shri Sudhir Wagh  
Dy. Controller, Legal Metrology, Govt. of Maharashtra                                                                 | 15th January 2013    |
|       | **D SOUTHERN REGION**               |                                                                             |                       |
| 26    | Trivandrum (Kerala & Lakshadweep)   | Shri Oommen Chandy  
Hon’ble Chief Minister of Kerala                                                                 | 16th January 2013    |
| 27    | Hyderabad (Andhra Pradesh)          | Shri Sunil Sharma, IAS  
Commissioner of Civil Supplies & Ex-Officio Secretary to Govt. Consumer Affairs, Food & Civil Supplies Department, Govt. of Andhra Pradesh                                                                 | 18th January 2013    |
| 28    | Bangalore (Karnataka)               | Dr. M.A. Saleem  
Additional Commissioner of Police (Traffic), Bangalore City                                                                 | 15th January 2013    |
| 29    | Chennai (Tamilnadu & Pondicherry)   | Shri Saidai Duraisamy  
Hon’ble Mayor of Chennai                                                                 | 6th January 2013     |
## LIST OF AWARDEES : OGCF 2013

<table>
<thead>
<tr>
<th>S. No.</th>
<th>AWARD CATEGORY</th>
<th>PRIZE</th>
<th>WINNER</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Best Overall Performance Award for SLC</td>
<td>Category I (Big States)</td>
<td>State Level Coordinator, Uttar Pradesh</td>
</tr>
<tr>
<td>2</td>
<td>- do-</td>
<td>Category II (Small States)</td>
<td>State Level Coordinator, UT of Chandigarh</td>
</tr>
<tr>
<td>3</td>
<td>Performance Improvement Award for SLC</td>
<td>Category I (Big States)</td>
<td>State Level Coordinator, Bihar</td>
</tr>
<tr>
<td>4</td>
<td>- do-</td>
<td>Category II (Small States)</td>
<td>State Level Coordinator, A&amp;N Island</td>
</tr>
<tr>
<td>5</td>
<td>Best Overall Performance Award for State Govt.</td>
<td>Category I (Big States)</td>
<td>State Government, Uttar Pradesh</td>
</tr>
<tr>
<td>6</td>
<td>- do-</td>
<td>Category II (Small States)</td>
<td>State/UT Government, UT of Chandigarh</td>
</tr>
<tr>
<td>7</td>
<td>Best Overall Performance Award for RLC</td>
<td></td>
<td>Regional Level Coordinator, Western Region</td>
</tr>
<tr>
<td>8</td>
<td>Best Overall Performance Award for Upstream Sector</td>
<td></td>
<td>M/s GAIL (India) Ltd.</td>
</tr>
<tr>
<td>9</td>
<td>National Level Essay Competition (English)</td>
<td>1st Prize (₹ 50,000/- + Laptop)</td>
<td>Miss Sunakshi Gupta B.Tech (Ind. biotech.) 3rd Year Shri Mata Vaishno Devi University, Katra, J&amp;K-182320</td>
</tr>
<tr>
<td>10</td>
<td>- do-</td>
<td>2nd Prize (₹35,000/- + Laptop)</td>
<td>Miss Jagruti M. Ramina Class-XIth, SIES College of Commerce and Economics Mumbai - 400022</td>
</tr>
<tr>
<td>11</td>
<td>- do-</td>
<td>3rd Prize (₹ 25,000/- + Laptop)</td>
<td>Miss Priya Singh Class-XIth Kendriya Vidyalaya EME No.-2 Baroda – 390022 (Gujarat)</td>
</tr>
<tr>
<td>12</td>
<td>- do-</td>
<td>Consolation Prize I (₹ 10,000/-)</td>
<td>Mr. Ananya Shivam Pandey Class-XIIth Navyug School New Delhi - 110023</td>
</tr>
<tr>
<td>13</td>
<td>- do-</td>
<td>Consolation Prize II (₹ 10,000/-)</td>
<td>Miss Monali Mishra P.G. 1st Year Zoology Khalikote College, Berhampur (Odisha)</td>
</tr>
<tr>
<td>14</td>
<td>National Level Essay Competition (Hindi)</td>
<td>1st Prize (₹ 50,000/- + Laptop)</td>
<td>Miss Karishma B.A. 3rd year St. Joseph's Girls' Degree College Sardhana, Meerut (U.P.)</td>
</tr>
<tr>
<td>15</td>
<td>- do-</td>
<td>2nd Prize (₹ 35,000/- + Laptop)</td>
<td>Miss Yumna Ikhiqa B.A. 3rd year Ramswarup Gramodhog P.G. College, Pukhraya (U.P.)</td>
</tr>
<tr>
<td>16</td>
<td>- do-</td>
<td>3rd Prize (₹ 25,000/- + Laptop)</td>
<td>Miss Prem Lata B.Sc. 2nd year Muni Raghunandanand Prasad Sardar Patel Girls P.G. College Barabanki (U.P.)</td>
</tr>
<tr>
<td>S. No.</td>
<td>AWARD CATEGORY</td>
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<td>WINNER</td>
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</tbody>
</table>
| 17.    | - do-          | Consolation Prize I (₹ 10,000/-) | Mr. Suyash Raisinghani  
Delhi Public School  
Udaipur (Rajasthan) |
| 18.    | - do-          | Consolation Prize II (₹ 10,000/-) | Miss Meha Khare  
Gyansthali Public School  
Mahoba (U.P.) |
| 19.    | National Level Painting Competition – **Group A** | 1st Prize (₹ 50,000/- + Laptop) | Miss Shreya Mazumdar  
Class – IV  
Agrasain Balika Siksha Sadan,  
Howrah (West Bengal) |
| 20.    | - do-          | 2nd Prize (₹ 35,000/- + Laptop) | Miss Avantika Rawat  
Class –V  
Doon Sarla Academy  
Dehradun (Uttarakhand) |
| 21.    | - do-          | 3rd Prize (₹ 25,000/- + Laptop) | Mr. Aditya Gautam  
Class-III,  
St. Conrad’s Inter College  
Agra (U.P.) |
| 22.    | - do-          | Consolation Prize I (₹ 10,000/-) | Miss Anjana V  
Class IV  
Avila Convent,  
Coimbatore (Tamilnadu) |
| 23.    | - do-          | Consolation Prize II (₹ 10,000/-) | Mr. Rahul Rana  
Class V  
Him Academy Public School  
Hamirpur (H.P.) |
| 24.    | National Level Painting Competition – **Group B** | 1st Prize (₹ 50,000/- + Laptop) | Mr. Sandeep Kumar  
Class –VIII  
Govt. High School  
Chandigarh |
| 25.    | - do-          | 2nd Prize (₹ 35,000/- + Laptop) | Miss Diya Saigal  
Class –VIII  
Brightlands School  
Dehradun (Uttarakhand) |
| 26.    | - do-          | 3rd Prize (₹ 25,000/- + Laptop) | Mr. Abhishek N. K.  
Class – VII  
Govt. Higher Secondary School  
Balussery (Kerala) |
| 27.    | - do-          | Consolation Prize I (₹ 10,000/-) | Miss Apoorva V. Hallur  
Class VI  
Bhatikar Model High School  
Margao (Goa) |
| 28.    | - do-          | Consolation Prize II (₹ 10,000/-) | Mr. Surya Prasad Sarangi  
Class VII  
Kendriya Vidyalaya No. 1  
Cuttak (Odisha) |
| 29.    | State Level Essay Competition – **Marathi** | 1st Prize (₹ 30,000/-) | Miss Swati Mohan Anasaney  
B.A. (3rd Year)  
Mahila Mahavidyalaya  
Amravati (Maharashtra) |
<table>
<thead>
<tr>
<th>S. No.</th>
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<th>WINNER</th>
</tr>
</thead>
</table>
| 30     | - do-          | 2nd Prize (₹ 25,000/-) | Miss Ketki P. Kanchanwar  
Class - X  
Smt. Dadibai Deshmukh Hindu Girls' High School & Jr. College  
Nagpur (Maharashtra) |
| 31     | - do-          | 3rd Prize (₹ 20,000/-) | Mr. Kishor R. Kamble  
Diploma in Computer Engg. (2nd Year)  
Govt. Polytechnic  
Miraj (Maharashtra) |
| 32     | State Level Essay Competition - Odia | 1st Prize (₹ 30,000/-) | Miss Pallavi Mishra  
B.Sc. (4th Year)  
College of Agriculture  
Bhawanipatna (Odisha) |
| 33     | - do-          | 2nd Prize (₹ 25,000/-) | Miss Seema Barik  
M.Sc. (1st Year)  
Odisha University of Agriculture & Technology  
Bhubaneswar (Odisha) |
| 34     | - do-          | 3rd Prize (₹ 20,000/-) | Miss Lopamudra Singha  
B.Sc. (3rd Year)  
College of Agriculture  
Bhawanipatna (Odisha) |
| 35     | State Level Essay Competition - Telugu | 1st Prize (₹ 30,000/-) | Mr. Adavi Sri Rama Kartik  
B. Tech (4th Year)  
Aditya Engineering College  
Surampalem (A.P.) |
| 36     | - do-          | 2nd Prize (₹ 25,000/-) | Miss Challa Sireesha  
B. Tech (4th Year)  
Bhimavaram Institute of Engg. & Tech.  
Bhimavaram (A.P.) |
| 37     | - do-          | 3rd Prize (₹ 20,000/-) | Miss Sikha Naga Malleswari  
B.Sc. (3rd Year)  
Govt. College for Women  
Guntur (A.P.) |
| 38     | State Level Essay Competition - Tamil | 1st Prize (₹ 30,000/-) | Miss P. Manjusri  
Class – XII  
Palaniyappa Memorial Higher Secondary School  
Palanichettipatti (Tamilnadu) |
| 39     | - do-          | 2nd Prize (₹ 25,000/-) | Miss M.C. Rishi Vadhana  
Class – XI  
Anna Adarsh Matriculation Higher Secondary School  
Chennai (Tamilnadu) |
| 40     | - do-          | 3rd Prize (₹ 20,000/-) | Miss M. Muthumari  
Class – XII  
Palaniyappa Memorial Higher Secondary School  
Palanichettipatti (Tamilnadu) |
| 41     | State Level Essay Competition - Kannada | 1st Prize (₹ 30,000/-) | Miss Rakshita A  
Class – X  
Carmel High School  
Bangalore (Karnataka) |
| 42     | - do-          | 2nd Prize (₹ 25,000/-) | Miss Swati S.P.  
B.Sc. (1st Year)  
Bhavan's College  
Andheri (Mumbai) |
<table>
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<th>WINNER</th>
</tr>
</thead>
</table>
| 43    | - do-          | 3rd Prize (₹ 10,000/-) | Mr. H.N. Nataraju  
B.A. (2nd Year)  
Govt. Arts College  
Bangalore (Karnataka) |
| 44    | - do-          | 3rd Prize (₹ 10,000/-) | Miss Sneha D  
2nd Year PUC  
Govt. PU Junior College  
Nanjangud (Karnataka) |
| 45    | State Level Essay Competition - Malayalam | 1st Prize (₹ 30,000/-) | Mr. Vineeth V  
M. Tech. (2nd Year)  
College of Engineering  
Trivandrum (Kerala) |
| 46    | - do-          | 2nd Prize (₹ 25,000/-) | Miss Indu N.R.  
B. Com (4th Sem.)  
SNGS College  
Pattambi (Kerala) |
| 47    | - do-          | 3rd Prize (₹ 20,000/-) | Miss Ashitha Mottu Baby  
Class - XI  
Naipunnya Public School  
Edakkunnur (Kerala) |
| 48    | State Level Essay Competition - Gujarati | 1st Prize (₹ 30,000/-) | Miss Samirabanu Mahemudsha Diwan  
BE-Civil (1st Sem.)  
IPCOWALA Institute of Engineering & Technology  
Dharamaj (Gujarat) |
| 49    | - do-          | 2nd Prize (₹ 25,000/-) | Miss Meenaba Jedeja  
B. Ed.  
Maa Ashapura B.Ed./M.Ed. College for Girls  
Bhuj (Gujarat) |
| 50    | - do-          | 3rd Prize (₹ 20,000/-) | Miss Bhavisha Dineshbhai Chudasama  
B.Sc. (1st Sem.)  
H & H.B. Kotak Institute of Science  
Rajkot (Gujarat) |
| 51    | - do-          | Special Prize for Blind Student (₹ 20,000/-) | Mr. Sanjay Ratilal Solanki  
Class – XII  
Secondary /Higher Secondary School for the Blind  
Ahmedabad (Gujarat) |
| 52    | State Level Essay Competition - Bengali | 1st Prize (₹ 30,000/-) | Miss Aradhana Maiti  
Class – X  
D.A.V. Model School,  
Kharagpur (W.B.) |
| 53    | - do-          | 2nd Prize (₹ 25,000/-) | Miss Sanhita Samanta  
Class – X  
D.A.V. Model School,  
Kharagpur (W.B.) |
| 54    | - do-          | 3rd Prize (₹ 20,000/-) | Miss Sreetama Chowdhury  
B.Sc. (2nd Year)  
Vivekananda College for Women,  
Kolkata (W.B.) |
| 55    | State Level Essay Competition - Assamese | 1st Prize (₹ 30,000/-) | Miss Beedya Banik  
Class – XII  
R.D. Junior College,  
Digboi (Assam) |
<table>
<thead>
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<th>WINNER</th>
</tr>
</thead>
</table>
| 56    | do-            | 2nd Prize (₹ 25,000/-) | Mr. Dipankar Sarmah  
Class –X  
Delhi Public School,  
Nazira (Assam) |
| 57    | do-            | 3rd Prize (₹ 20,000/-)  | Mr. Krishanu Kr. Bhagabati  
B.V.Sc. (4th Year)  
College of Veterinary Science  
Guwahati (Assam) |
| 58    | State Level Essay Competition - Kashmiri | 1st Prize (₹ 30,000/-)  | Mr. Rishabh Bali  
Class - XI  
Vishwa Bharati Higher Secondary School  
Jammu (J&K) |
| 59    | do-            | 2nd Prize (₹ 25,000/-)  | Mr. Suraj Koul  
Class - X  
Herman Gmeiner School,  
Jammu (J & K) |
| 60    | do-            | 3rd Prize (₹ 20,000/-)  | Miss Deepika Pandita  
B.E. (2nd Year)  
Model Institute of Engineering & Technology  
Jammu (J & K) |
| 61    | State Level Essay Competition - Maithili | 1st Prize (₹ 30,000/-)  | Miss Minni Kumari  
B. Tech. (1st Year)  
National Institute of Technology  
Patna (Bihar) |
| 62    | do-            | 2nd Prize (₹ 25,000/-)  | Mr. Kumar Vivekanand  
B. Tech. (1st Year)  
Haldia Institute of Technology  
Haldia (W.B.) |
| 63    | do-            | 3rd Prize (₹ 20,000/-)  | Mr. Ratneshwar Tripathi  
M.Sc. (3rd Year)  
Chaudhary Charan Singh Haryana Agricultural University  
Hisar (Haryana) |
| 64    | State Level Essay Competition - Punjabi | 1st Prize (₹ 30,000/-)  | Miss Amanjit Kaur  
B.A. (1st Year)  
Guru Nanak Khalsa College for Women  
Ludhiana (Punjab) |
| 65    | do-            | 2nd Prize (₹ 25,000/-)  | Miss Neha Tiwari  
B.A. (2nd Year)  
Post Graduate Govt. College for Girls  
Chandigarh |
| 66    | do-            | 3rd Prize (₹ 20,000/-)  | Miss Kiranbir Kaur  
Class – X  
Sri Guru Harkrishan Senior Secondary Public School,  
Amritsar (Punjab) |
| 67    | National Level Essay Competition - Urdu | 1st Prize (₹ 30,000/-)  | Miss Kishwar Jahan  
Class-XII  
Anjuman Junior College  
Nagpur (Maharashtra) |
| 68    | do-            | 2nd Prize (₹ 25,000/-)  | Miss Humera Mohomadatique Patel  
Class-X  
Jaysingpur Anglo Urdu High School & Junior College  
Jaysingpur (Maharashtra) |
| 69    | do-            | 3rd Prize (₹ 20,000/-)  | Miss Aiman Khan  
B.A. (IInd Year)  
Gandhi Faiz-e-Aam College  
Shahjahanpur |
हिन्दी कार्यान्वयन

वर्ष 2012-13 में हिन्दी में किये गए कार्य का व्यूहा:

1. वर्ष 2012-13 के दौरान राजभाषा की पहली उप समिति, राजभाषा विभाग, गृह मंत्रालय, भारत सरकार द्वारा पीसीआई, मुख्यालय, नई दिल्ली में हिन्दी के कार्य का निर्देशन किया गया जिसमें कि निरीक्षण समिति के द्वारा पीसीआई में हिन्दी में किए गये कार्य के लिए सराहना पत्र दिया गया।

2. नियमित रूप से हिन्दी में पत्र व्यवहार करने का प्रयास किया जाता है, जिनमें मुख्यतः अत्यंत-कार्यान्वयन ज्ञापन, आवेदन, विभेद मुखदार वांछक, रिजिस्ट्रियों में प्रक्टिवियों एवं लिफाड़ों पर पते आदि विधान शामिल है।

3. वर्ष 2012-13 में देश के प्रमुख समाचार पत्रों एवं इंटरनेटन्स मीडिया में हिन्दी में विज्ञापन प्रकाशित किए गए एवं तेल संस्कृति संबंधी विज्ञापन, बैनर्स व होर्डिंग आदि हिन्दी तथा अन्य प्रादेशिक भाषाओं में बनाए गए।

4. पीसीआई की फिल्में तथा स्टूडियो चित्रित बैठकों में दिखाई जाती है। इनके क्रेटेंट एवं सोफी भारत सरकार के अधिकारी फोल्ड परिवर्तिती विभाग, निजी एवं गैं-सरकारी संस्थाओं को दिये जाते हैं लेकिन इनके माध्यम से ये शहरों, कस्बों एवं छोटे-छोटे गांवों में तेल संस्कृति का प्रचार कर सकते।

5. पीसीआई कार्यान्वयन में हिन्दी के प्रयोग को बढ़ावा देने के लिए लोक अफिस शाखादेव वरों का साथ यूनायटेड की भाषा प्रयोग किया जाता है।

6. वर्ष 2012 के सितंबर महीने में हिन्दी प्रगति के दौरान पीसीआई द्वारा अपने कार्यालयों में विभिन्न प्रतियोगिताओं का आयोजन किया गया, जिसमें निकबर, लुबेक्स, पाद-विभाग, हिन्दी बांकण, समाचार साधन एवं अनुवाद प्रतियोगिता आदि शामिल है। इन प्रतियोगिताओं के विजेताओं को पुरस्कार प्रदान करके समानान्त किया गया।

7. तेल संस्कृति पर्यावरण के दौरान जनवरी 2013 में हिन्दी में तेल संस्कृति और पर्यावरण पर लघु पुरस्कारंचे छपाई गई। ये पुरस्कारंचे कृषि, परिवहन, उद्योग एवं घरेलू शैक्षणिक संस्थाओं से संबंधित हैं। पुरस्कारंचे का प्रकाशित करने का मुख्य उद्देश्य प्रतियोगिता के तेल के बन्धन के अलग-अलग तरीकों से लोगों को अवगत करना है। इन पुरस्कारंचे को तेल क्षेत्रों के द्वारा अपने कार्यान्वयनों में विस्तारित किया गया।

8. पीसीआई द्वारा वर्ष 2012-13 के दौरान देश के स्कूलों एवं महाविद्यालयों के छात्र-छात्रों के लिए हिन्दी भाषा में "तेल संस्कृति-इसकी प्रति में आपकी भूमिका" विषय पर निवृत्त प्रतियोगिता आयोजित की गई। इस प्रतियोगिता में देश पर से सौंदर्य प्रति प्रतिपादक प्राप्त हुई। तेल एवं गैंस संस्कृति पर्यावरण-2013 के उद्धारण समारोह में उपस्थित मुख्य अतिथि जू.एम. वीरेंद्र सोड, माननीय नेत्री मंत्री, तेल एवं प्राकृतिक गैंस तथा श्रीमती नवाब तपस्सी, माननीय राज्य मंत्री, तेल एवं प्राकृतिक गैंस के द्वारा इस निंबो प्रतियोगिता के विजेताओं को निम्न पुरस्कारों से समानान्त किया गया—

प्रथम पुरस्कार - 50,000/- + लेटोप
द्वितीय पुरस्कार - 35,000/- + लेटोप
तृतीय पुरस्कार - 25,000/- + लेटोप
सांख्यिक पुरस्कार - 10,000/-
सांख्यिक पुरस्कार - 10,000/-

(कुमारी किरणा, स्वात, तृतीय वर्ष, शेत जोखिम बालिका किरणा कॉलेज, सरसना, सेतु (व.प.) की भाषा अवथित 2013 के उद्धारण समारोह में हिन्दी भाषा प्रतियोगिता का प्रथम पुरस्कार प्राप्त करते हुए।)
WEBSITE AND OTHER RELATED ACTIVITIES

The maintenance and updation of PCRA websites and web server was being carried out in-house that saved money and faster implementation of required changes and updation. The Hindi website has also been successfully converted into Unicode.

The maintenance and administration of LAN, Internet, Proxy server and Corporate E-mail identity had also been carried out in-house and ensured faster and smoother communication system with added advantage of information and resource sharing.

During the year, in-house job of CD/ DVD - Duplication was carried out in massive scale and more than 14,000 CDs / DVDs of PCRA Book, ONGC training, contents for Science Express and PCRA Films were copied for use at various energy conservation activities resulting in reduction of expenditure of about ₹ 3 lacs. Additionally, the paper covers with PCRA branding for these CDs and DVDs were designed in-house reducing the cost of CD / DVD cases by more than 50%.

For information dissemination about petroleum conservation and to get better response for National and State Level Essay competition, about 46,000 letters were sent to different schools and colleges throughout the country. EDP department successfully completed in-house data compilation of the essay entries received from all over the country.

Other Achievements:

- Provided wireless internet connectivity at HQ and Regional offices of PCRA.
- Upgradation of PCs at HQ and Regional offices by upgrading the RAM and Hard disk.
- Implemented Tally ERP9 software at HQ and Regional Offices to standardize the accounting, better monitoring and control of accounts with facility of detailed MIS reports. The financial data for the year 2011-12 had been migrated to Tally ERP9 software at HQ and all Regional Offices.
- Provided facility of working in Hindi with Unicode fonts on all the computers of PS and NR. Training was imparted for Hindi typing with In script keyboard to the staff.
- Ensured the availability of internet and LAN facilities round the clock to PCRA HQ and NR users to strengthen the communication system.
- Created Print advertisements and Artwork for Energy conservation books and provided it to EC department for advertisements through newspapers, magazines, banners, hoardings and printing of books. This in-house creative had not only saved the cost of outsourcing but also led to faster creation and editing of the advertisements.
- Organised Seminar on “Green-IT Best Practises” on 29th August 2012 in association with Human Resource & Industry Development Association (HIDA) Japan, Green IT Promotion Council (GIPC) Japan and Manufacturers Association for Information Technology (MAIT), India.
for sharing of best practices leading to conservation of Energy in IT sector and in other Industries through IT Interventions.

- **Launch of “PCRA –Fuel Saving Tips” - Android Application for Mobile Phones & Tablets:**

  With the increased popularity and usage of android applications on mobiles and tablets in the country, the Android application becomes good media for mass awareness and information dissemination. PCRA had taken initiative to develop an android application “PCRA-Fuel Saving Tips” for android mobile phones and tablets on Petroleum Conservation in Transport, Domestic, Agriculture and Industrial Sector.

  The user can download and install the “PCRA- Fuel Saving Tips” Apps (Application) from Apps store / Android market free of cost on their android Mobile Phones / tablets. The User will get four categories in PCRA android application viz. Transport, Domestic, Agriculture & Industry and can go to any category and know the petroleum conservation tips in that particular category. The User is also provided with an option in each category to calculate the savings by adopting these petroleum conservation tips by entering present consumption data and selecting which petroleum conservation tip / tips (multiple selection), user will adopt from the listed PCRA tips of Transport, Domestic and Industrial sector. The User can refer/share the PCRA Apps to their friends through contact list where the SMS will be sent to their friend with the application link. They can also share the PCRA petroleum conservation tips on face book if they have the facebook account.

  ![PCRA -Fuel Saving Tips Android Application](image)

  (Launching of “PCRA –Fuel Saving Tips” - Android Application during Inaugural Function of OGCF’13)

  This Android Application was formally launched by Dr. M. Veerappa Moily, Hon’ble Minister for P&NG and Smt. Panabaaka Lakshmi, Hon’ble Minister of State for P&NG on 16/01/2013 during the Inaugural Function of OGCF’13 in New Delhi.)
The General Body
Petroleum Conservation Research Association
Sanrakshan Bhawan,
10, Bhikaji Cama Place, New Delhi

1. We have audited the attached Balance Sheet of Petroleum Conservation Research Association (hereinafter referred to as association) as on 31st March 2013 and also Income and Expenditure Account and Receipt and Payment Account of the association for the year ended on that date annexed thereto.

These financial statements are the responsibility of the Association’s Management. Our responsibility is to express an opinion on these financial statements based on our audit.

2. We conducted our audit in accordance with Auditing Standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis of our opinion.

3. Further we report that :

   a) We have obtained all the information and explanations, which to the best of our knowledge and belief, were necessary for the purpose of the audit.

   b) In our opinion, proper books of accounts have been kept by the Association as far as appears from our examination of those books.

   c) The Balance Sheet, Income & Expenditure Account and Receipt & Payment Account dealt with by this report are in agreement with the books of account.

   d) In our opinion and to the best of our information and explanations given to us, the said financial statements together with the Notes thereon and attached thereto give a true and fair view:

      (i) In the case of Balance Sheet of the state of the affairs of the Association as on 31st March, 2013.

      (ii) In the case of the Income and Expenditure Accounts of the excess of expenditure over income for the year ending 31st March 2013.

      (iii) In the case of Receipt and Payment Account of the Receipts and Payments for the year ending 31st March 2013.

For M. C. MAHESHWARI & CO.
Chartered Accountants
Firm’s Registration No. 003101N

CA M. C. MAHESHWARI
(Partner)
M. No. 070421
Place : New Delhi
Date : 29th August 2013
### BALANCE SHEET AS ON 31ST MARCH 2013

<table>
<thead>
<tr>
<th>CORPORUS / CAPITAL FUND AND LIABILITIES</th>
<th>Schedule</th>
<th>Current Year (₹)</th>
<th>Previous Year (₹)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CORPUS / CAPITAL FUND</td>
<td>1</td>
<td>144,540,226</td>
<td>141,679,771</td>
</tr>
<tr>
<td>RESERVES AND SURPLUS</td>
<td>2</td>
<td>(246,624,584)</td>
<td>(183,958,778)</td>
</tr>
<tr>
<td>EARMARKED / ENDOWMENT FUNDS</td>
<td>3</td>
<td>298,446,156</td>
<td>300,562,080</td>
</tr>
<tr>
<td>CURRENT LIABILITIES AND PROVISIONS</td>
<td>4</td>
<td>283,760,251</td>
<td>258,274,921</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td>480,122,052</td>
<td>516,557,994</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ASSETS</th>
<th></th>
<th>480,122,052</th>
<th>516,557,994</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIXED ASSETS</td>
<td>5</td>
<td>199,996,748</td>
<td>208,284,056</td>
</tr>
<tr>
<td>INVESTMENTS</td>
<td>6</td>
<td>13,054,209</td>
<td>14,189,474</td>
</tr>
<tr>
<td>CURRENT ASSETS, LOANS, ADVANCES ETC.</td>
<td>7</td>
<td>267,071,095</td>
<td>294,084,464</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td>480,122,052</td>
<td>516,557,994</td>
</tr>
</tbody>
</table>

| SIGNIFICANT ACCOUNTING POLICIES          | 20       |                  |                   |
| NOTES ON ACCOUNTS                        | 21       |                  |                   |

As per our separate report of even date attached

For M.C. MAHESHWARI & Co. 
Chartered Accountants

For Petroleum Conservation Research Association

Sd/- (CA M.C. MAHESHWARI) 
PARTNER
M. No. 070421

Sd/- (Alka Prasad) 
Addl. Director (Finance)

Sd/- (Abhay Bakre) 
Executive Director

Place : New Delhi
Date : 29.08.2013
## RECEIPT AND PAYMENTS

### I. Opening Balances
- **Cash in hand - PS**: 9,843
- **Cash in hand - Regions**: 9,511
- **Bank Balances**
  - In deposit accounts: 35,384,734
  - Savings accounts - PS (Corporation & State Bank of Hyderabad): 445,433
  - Savings accounts - Regions: 4,674,751
  - Inter office fund in transit: 4,357,500

### II. Grants Received
- **From Government of India**
  - OIDB: 469,600,000
  - OCGF: 8,700,000

### III. Interest Received
- **On Bank deposits**: 1,626,497

### IV. Other Income (Specify)
- **ENERGY STUDIES & MIS INCOME**: 40,126,898

### V. Any other receipts (give details)
- **Imprest Refunded by officer**: 18,735
- **Security Deposit & retention money**: 6,589,106
- **Amount received on maturity of FD**: 7,346,112
- **Others**: 1,610,129

### TOTAL RECEIPTS
- **Current Year**: 578,293,396
- **Previous Year**: 450,847,167

### I. Expenses
- **Establishment Expenses & Administrative Exp**: 188,932,861

### II. Payments made against funds for various projects
- **R&D Expense : Field Activities**: 36,440,267
- **R&D Expense : Education Campaign**: 56,375,606
- **Outsourced R&D Projects/Advances**: 5,819,177

### III. Expenditure on Fixed Assets & Capital Work in Progress
- **Purchase of Fixed Assets**: 428,660

### IV. Other Payments (Specify)
- **Imprest To Officers**: 13,000
- **Security Deposits Paid**: 5,819,177
- **Duties & Taxes Paid**: 3,054,459
- **Advances To Officers**: 56,315,789
- **Security Deposits with Third Party**: 110,456
- **Others**: 400,971

### V. Closing Balances
- **Cash in hand - PS**: 70,951
- **Cash in hand - Regions**: 26,608,339
- **Bank Balances**
  - In deposit accounts (R&D & NPMP): 12,350,319
  - Savings accounts - Regions: 3,954,807
  - Savings accounts - R&D sustenance: 5,243
  - Inter office fund transit: 5,034

### TOTAL PAYMENTS
- **Current Year**: 578,293,396
- **Previous Year**: 450,847,167

---

As per our separate report of even date attached

For M.C. MAHESHWARI & Co.
CHARTERED ACCOUNTANTS
sd/-
(CA M.C. MAHESHWARI, PARTNER)
M.No: 079421

For PETROLEUM CONSERVATION RESEARCH ASSOCIATION
sd/-
(Alka Prasad)
Addl. Director (Finance)

sd/-
(Abbay Bakre)
Executive Director
## INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR
ENDED 31ST MARCH 2013

(Amount in ₹)

<table>
<thead>
<tr>
<th>Schedule</th>
<th>Current Year</th>
<th>Previous Year</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>INCOME</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Income from Sales / Services</td>
<td>8</td>
<td>24,952,948</td>
</tr>
<tr>
<td>Grants / Subsidies</td>
<td>9</td>
<td>458,739,545</td>
</tr>
<tr>
<td>Fees / Subscriptions</td>
<td>10</td>
<td>10,000,000</td>
</tr>
<tr>
<td>Interest Earned</td>
<td>11</td>
<td>2,607,153</td>
</tr>
<tr>
<td>Other Income</td>
<td>12</td>
<td>52,497,963</td>
</tr>
<tr>
<td><strong>TOTAL (A)</strong></td>
<td></td>
<td>548,797,609</td>
</tr>
<tr>
<td><strong>EXPENDITURE</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Establishment Expenses</td>
<td>13</td>
<td>175,952,332</td>
</tr>
<tr>
<td>Other Administrative Expenses etc.</td>
<td>14</td>
<td>60,063,357</td>
</tr>
<tr>
<td>Research &amp; Development Expenses : Field Activities</td>
<td>15</td>
<td>33,958,353</td>
</tr>
<tr>
<td>Research &amp; Development Expenses : Education Campaign</td>
<td>16</td>
<td>305,115,934</td>
</tr>
<tr>
<td>Research &amp; Development Expenses : Outsourced R&amp;D Activities</td>
<td>17</td>
<td>827,648</td>
</tr>
<tr>
<td>Interest</td>
<td>18</td>
<td>5,513,788</td>
</tr>
<tr>
<td>Depreciation</td>
<td>5</td>
<td>11,147,765</td>
</tr>
<tr>
<td>Prior Year Expenses</td>
<td>19</td>
<td>6,476,020</td>
</tr>
<tr>
<td><strong>TOTAL (B)</strong></td>
<td></td>
<td>613,579,336</td>
</tr>
<tr>
<td>Balance being excess of Income over Expenditure (A-B)</td>
<td></td>
<td>(64,781,727)</td>
</tr>
<tr>
<td>Transfer to Special Reserve</td>
<td></td>
<td>-</td>
</tr>
<tr>
<td>(R&amp;D SUSTENANCE FUND)</td>
<td></td>
<td>-</td>
</tr>
<tr>
<td>Transfer to / from General Reserve</td>
<td></td>
<td>2,115,921</td>
</tr>
<tr>
<td><strong>BALANCE BEING SURPLUS / (DEFICIT) CARRIED TO CORPUS / CAPITAL FUND/ GENERAL RESERVE</strong></td>
<td></td>
<td>(62,665,806)</td>
</tr>
<tr>
<td><strong>SIGNIFICANT ACCOUNTING POLICIES</strong></td>
<td></td>
<td>20</td>
</tr>
<tr>
<td><strong>NOTES ON ACCOUNTS</strong></td>
<td></td>
<td>21</td>
</tr>
</tbody>
</table>

As per our separate report of even date attached

For M.C. MAHESHWARI & Co.
Chartered Accountants

Sd/-
(CA M.C. MAHESHWARI)
PARTNER
M.No. 070421

Place : New Delhi
Date : 29-08-2013

For Petroleum Conservation Research Association

Sd/-
(Alka Prasad)
Addl. Director (Finance)

Sd/-
(Abhay Bakre)
Executive Director

M.C. MAHESHWARI & Co.
Chartered Accountants

Sd/-
(CA M.C. MAHESHWARI)
PARTNER
M.No. 070421

Place : New Delhi
Date : 29-08-2013
### FIXED ASSETS

#### A. FIXED ASSETS: TANGIBLE

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>RATE OF DEPRECIATION</th>
<th>Transfer from NPMP</th>
<th>Additions (More than 180 days)</th>
<th>Additions (Less than 180 days)</th>
<th>Deduction during the year</th>
<th>Cost / Valuation at the year end</th>
<th>As at the beginning of the year</th>
<th>During the year</th>
<th>On deductions during the year</th>
<th>Total upto the year end</th>
<th>As the Current year end</th>
<th>As at the Previous year end</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. LAND</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a) Freehold</td>
<td>10%</td>
<td></td>
<td>129272231</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>129272231</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>129272231</td>
<td>129272231</td>
</tr>
<tr>
<td>2. BUILDING</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a) On Freehold Land</td>
<td>10%</td>
<td>108747565</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>108747565</td>
<td>50945068</td>
<td>5780250</td>
<td>0</td>
<td>56723318</td>
<td>52022247</td>
</tr>
<tr>
<td>3. PLANT MACHINERY &amp; EQUIPMENT</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TECHNICAL EQUIPMENT</td>
<td>80%</td>
<td>21357148</td>
<td>0</td>
<td>303750</td>
<td>1946500</td>
<td>23607398</td>
<td>20068179</td>
<td>2052775</td>
<td>0</td>
<td>22120954</td>
<td>1486444</td>
<td>1288969</td>
</tr>
<tr>
<td>R&amp;D EQUIPMENT</td>
<td>60%</td>
<td>9151607</td>
<td>0</td>
<td>8300</td>
<td>49000</td>
<td>9208907</td>
<td>5513584</td>
<td>550624</td>
<td>0</td>
<td>6064208</td>
<td>314699</td>
<td>3638023</td>
</tr>
<tr>
<td>4. VEHICLES</td>
<td>15%</td>
<td>2874224</td>
<td>0</td>
<td>3750</td>
<td>50</td>
<td>2978442</td>
<td>1131696</td>
<td>184675</td>
<td>0</td>
<td>1285478</td>
<td>1838546</td>
<td>1838546</td>
</tr>
<tr>
<td>5. (a) FURNITURE, FIXTURES</td>
<td>10%</td>
<td>9151607</td>
<td>0</td>
<td>8300</td>
<td>49000</td>
<td>9208907</td>
<td>5513584</td>
<td>550624</td>
<td>0</td>
<td>6064208</td>
<td>314699</td>
<td>3638023</td>
</tr>
<tr>
<td>(b) FURNITURE, FIXTURES</td>
<td>10%</td>
<td>18537973</td>
<td>0</td>
<td>6503</td>
<td>0</td>
<td>18537973</td>
<td>11546385</td>
<td>1049714</td>
<td>0</td>
<td>12596099</td>
<td>1505865</td>
<td>1505865</td>
</tr>
<tr>
<td>6. (a) OFFICE EQUIPMENT</td>
<td>15%</td>
<td>1837973</td>
<td>0</td>
<td>6503</td>
<td>0</td>
<td>1837973</td>
<td>11546385</td>
<td>1049714</td>
<td>0</td>
<td>12596099</td>
<td>1505865</td>
<td>1505865</td>
</tr>
<tr>
<td>(b) OFFICE EQUIPMENT</td>
<td>15%</td>
<td>1837973</td>
<td>0</td>
<td>6503</td>
<td>0</td>
<td>1837973</td>
<td>11546385</td>
<td>1049714</td>
<td>0</td>
<td>12596099</td>
<td>1505865</td>
<td>1505865</td>
</tr>
<tr>
<td>7. COMPUTER/PERIPHERALS</td>
<td>60%</td>
<td>18537973</td>
<td>0</td>
<td>6503</td>
<td>0</td>
<td>18537973</td>
<td>11546385</td>
<td>1049714</td>
<td>0</td>
<td>12596099</td>
<td>1505865</td>
<td>1505865</td>
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<tr>
<td>8. ELECTRICAL INSTALLATIONS</td>
<td>15%</td>
<td>9151607</td>
<td>0</td>
<td>8300</td>
<td>49000</td>
<td>9208907</td>
<td>5513584</td>
<td>550624</td>
<td>0</td>
<td>6064208</td>
<td>314699</td>
<td>3638023</td>
</tr>
<tr>
<td>9. LIBRARY BOOKS</td>
<td>15%</td>
<td>2874224</td>
<td>0</td>
<td>3750</td>
<td>50</td>
<td>2978442</td>
<td>1131696</td>
<td>184675</td>
<td>0</td>
<td>1285478</td>
<td>1838546</td>
<td>1838546</td>
</tr>
<tr>
<td>10. FIREFIGHTING EQUIPMENTS</td>
<td>15%</td>
<td>11025</td>
<td>0</td>
<td>3750</td>
<td>50</td>
<td>11025</td>
<td>6866</td>
<td>624</td>
<td>0</td>
<td>7490</td>
<td>3533</td>
<td>4159</td>
</tr>
<tr>
<td>11. DEMONSTRATION CENTRE</td>
<td>15%</td>
<td>843376</td>
<td>0</td>
<td>3750</td>
<td>50</td>
<td>843376</td>
<td>525298</td>
<td>47712</td>
<td>0</td>
<td>573010</td>
<td>318078</td>
<td>318078</td>
</tr>
<tr>
<td>12. COMPUTER NPMP</td>
<td>60%</td>
<td>13153</td>
<td>0</td>
<td>3750</td>
<td>50</td>
<td>13153</td>
<td>13059</td>
<td>94</td>
<td>0</td>
<td>13153</td>
<td>0</td>
<td>94</td>
</tr>
<tr>
<td>13. OFFICE EQUIPMENT NPMP</td>
<td>15%</td>
<td>48764</td>
<td>0</td>
<td>3750</td>
<td>50</td>
<td>48764</td>
<td>28750</td>
<td>3002</td>
<td>0</td>
<td>31752</td>
<td>20014</td>
<td>20014</td>
</tr>
<tr>
<td>14. FURNITURE NPMP</td>
<td>15%</td>
<td>129252</td>
<td>0</td>
<td>3750</td>
<td>50</td>
<td>129252</td>
<td>56745</td>
<td>7251</td>
<td>0</td>
<td>63956</td>
<td>62526</td>
<td>72507</td>
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<tr>
<td>15. WOODEN PARTITIONS</td>
<td>100%</td>
<td>1802530</td>
<td>0</td>
<td>13781</td>
<td>0</td>
<td>1802530</td>
<td>1802530</td>
<td>13781</td>
<td>0</td>
<td>1802530</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>TOTAL OF ASSETS TANGIBLE (A)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8. FIXED ASSETS: INTANGIBLE SOFTWARE</td>
<td>60%</td>
<td>13153</td>
<td>0</td>
<td>3750</td>
<td>50</td>
<td>13153</td>
<td>13059</td>
<td>94</td>
<td>0</td>
<td>13153</td>
<td>0</td>
<td>94</td>
</tr>
<tr>
<td>TOTAL OF ASSETS IN TANGIBLE (B)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL OF CURRENT YEAR: (A+B)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PREVIOUS YEAR</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>
SIGNIFICANT ACCOUNTING POLICIES

1. Basis of Preparation of Financial Statements

   • The Association follows Mercantile System of Accounting and recognizes significant items of income and expenditure on accrual basis.
   • The financial statements have been prepared under the historical cost convention, in accordance with the generally accepted accounting principles.
   • Accounting Policies not specially referred to otherwise are consistent with generally accepted accounting policies followed by the association.

2. Depreciation:

   Depreciation is charged on Fixed Assets on WDV method at the rates prescribed under the Income Tax Act, 1961.

3. Fixed Assets:

   Fixed assets are stated as cost of acquisition/transfer less depreciation. All cost incurred up to erection & commissioning have been capitalized.

4. Accounting of Grants:

   Grant-in-Aid from OIDB has been classified into the following categories based on actual utilization:

   a) Grant-in-Aid for Capital:

      Amounts spent on acquisition of fixed assets are capitalized under the head Grant-in–Aid for Capital. On sale/disposal of fixed assets, the written down value is transferred to Grant in Aid for Capital.

   b) Grant-in-Aid for Revenue:

      Grant received other than above are accounted as Grant in Aid for Revenue and Credited to Revenue in Income and Expenditure Account.

5. Investments:

   Fixed Deposits with banks are shown at cost as increased by amounts of Accrued Interest thereon, as on the Balance Sheet date.

SCHEDULE-21

NOTES TO ACCOUNTS

1. During the year, a sum of ₹21,15,921/- was received on account of maturity of fixed deposits, which was not renewed during the year.

2. During the year, sum of ₹21,15,921/- received on account of maturity of fixed deposits, has been transferred to General Reserve Account from R & D Sustenance Fund Account.

   • The Society’s income is exempt under section 12A and 10(23) (c) (iv) of Income Tax Act 1965 vide order dated 9th March 2010 of the Director General of Income Tax (Exemption) Delhi for the 2009-2010 onwards. In view of above income of PCRA is exempt from Income Tax and no provision of current tax has been made in the accounts.

4. Estimated commitments made by PCRA and outstanding in respect of capital contracts is ₹ NIL.
5. There is no transaction with the related party except the grants received from OIDB. The amount of grant received from OIDB during the Financial Year 2012-13 was ₹ 46.96 crores including ₹ 16.40 crores for the previous year. OIDB is a grantee institute of PCRA.

6. Executive Director is on deputation from Indian Railway Services, Electrical Engineers (IRSEE) and all other employees are on deputation from Oil Companies, hence, there are no employees in the association who are eligible for short term/long term benefit as per AS-15 issued by the ICAI.

7. During the year a sum of ₹3,05,860/- has been written back to income on account of stale cheques remaining unrepresented for more than three years.

8. **Fixed Assets & Depreciation**: The Association has maintained Fixed Asset Register at Head Office in Delhi for its all Regions.

9. **Income Tax liabilities**: Income Tax Department has raised following demands for non deduction / short deduction of T.D.S. for the corresponding Assessment Years mentioned, for which no liability has been provided.

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Assessment Year</th>
<th>Form</th>
<th>Demand Raised (₹)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2010-11</td>
<td>26Q</td>
<td>18,066/-</td>
</tr>
<tr>
<td>2</td>
<td>2008-09</td>
<td>24Q</td>
<td>430/-</td>
</tr>
<tr>
<td>3</td>
<td>2008-09</td>
<td>26Q</td>
<td>20,714/-</td>
</tr>
</tbody>
</table>

However, tax demand raised has been paid off but rectifications under Income Tax Act 1961 are still pending.

10. **Contingent liabilities** :- Total income tax demand raised by the income tax department for the assessment years 2004-05 & 2005-06 amounting to ₹ 45,31,311/- & ₹ 2,59,610/- respectively have not been provided for since the association has preferred an appeal with Commissioner Of Income Tax (Appeal) XXI, New Delhi & have not been acknowledged as debt by the association.

11. Sundry debtors include an amount of ₹3,55,000/- due from National Insurance Co. Ltd., which is considered as a doubtful recovery. The same is being shown under the head of Income from Sales / Services (Miscellaneous Income Revenue Generation).

12. Debtors, Creditors and other parties’ balances are subject to confirmation.

13. Schedule 1 to Schedule 21 form an integral part of Balance Sheet, Income & Expenditure and Receipts & Payments account and have been duly authenticated.

14. Previous year figures have been regrouped, recasted & rearranged, wherever considered necessary.

As per our separate report of even date attached

For M.C. MAHESHWARI & Co. Chartered Accountants
Sd/-
(Alka Prasad)
PARTNER
M.No. 070421
Place : New Delhi
Date : 29-08-2013
WANT TO GIFT YOUR SON A WATCH?
DINE TOGETHER WITH YOUR FAMILY.

Dine together and save up to Rs. 1000* annually on your gas bill.

Dining together as a family is always a good thing. That's because when you dine together, you don't need to heat the food again and again. This ensures that your gas cylinder lasts longer and you end up saving up to Rs. 1000* annually. Now, whether you want to buy a new watch for your son or use the money for something else, saving is such a wonderful thing, isn't it?

Some more easy ways to save gas:
1. Allow frozen food to reach room temperature before cooking it.
2. Always keep the burner clean.
3. Use a pressure cooker.

For more information, visit www.pcra.org or call 011-26198809.

*Savings are indicative only. Actual savings will depend on actual usage of tips and other parameters.
WANT TO GIFT YOUR WIFE A DIAMOND RING?
BECOME A CARPOOLER.

Carpool with your colleagues and save up to Rs. 50,000* annually on your fuel bill.

Why drive to work alone when you can take your colleagues along
By doing this, you and your friends can save up to Rs. 50,000* annually.
Now, whether you gift your wife a diamond ring or use the money for something else, saving is such a wonderful thing, isn’t it?

Some more easy ways to save fuel:
1. Switch off your engine at red light.
2. Drive in the correct gear.
3. Drive at 45-55 kmph.

For more information, visit www.pcra.org or call 011-26198809.

*Savings are indicative only. Actual savings will depend on actual usage of tips and other parameters.