

REPORT
ON

NATIONAL PRODUCTIVITY WEEK CELEBRATION 2017

12TH TO 18TH FEBRUARY, 2017

**THEME: FROM WASTE TO PROFITS THROUGH
REDUCE, RECYCLE & REUSE**

Organised By



NATIONAL PRODUCTIVITY COUNCIL
RD, KOLKATA

Productivity Week Celebration 2017

PREAMBLE

As in the previous years, the NATIONAL PRODUCTIVITY COUNCIL is organizing the observance of 12th February 2017 as Productivity day and the seven day period from 12th -18th Feb. 2017 as “**NATIONAL PRODUCTIVITY WEEK**” throughout the country.

NATIONAL PRODUCTIVITY WEEK CELEBRATIONS – 2017

THEME -“FROM WASTE TO PROFITS THROUGH REDUCE, RECYCLE AND REUSE”

The basic objective of the theme “From Waste to Profits through Reduce, Recycle and Reuse” is to manifest a good business environment thus improving productivity and protecting environment. The 3Rs (Reduce, Recycle and Reuse) are useful from both an environmental and productivity improvement perspective. They can help when waste management programs have to be implemented or when increased efficiency is sought in business processes. This will not only lead to improved productivity and environmental indices, it will also aid in creating a better working environment. Thus, the industrial units can draw the following benefits by applying the concepts of Waste Reduction through 3Rs:

- Improvement in Work Environment
- Quality Improvement
- New Market Opportunities
- Environmental Cost Reduction

Thus, there is need for a coordinated, comprehensive and holistic strategy, which involves the fullest mobilization of all our economic endeavors resulting in increased yields at optimal use of all input resources reducing wastage of raw materials. Waste minimization is a proactive approach to improving the working environment, resource utilization, and the overall productivity of enterprises. While most large Indian units have taken initiatives for waste minimization, the majority of small and medium units have not. In the steel industry, for example, the integrated steel mills have taken measures to minimize waste due to the cutthroat competition in the international market. Keeping the importance of realizing higher productivity and minimal waste on continual basis for various sectors of economy, “Waste Minimization and Profits from Waste” is selected as the theme for the ‘National Productivity Week-2017’.

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PRODUCTIVITY WEEK CELEBRATION AT RD, KOLKATA

RD, Kolkata celebrated the Productivity Week 2017 on the theme "From Waste to Profits through Reduce, Recycle & Reuse" between 12th-18th of February, 2017, keeping in view the mission of NPC and promoting and propagating NPC's image. All the Officers and staff actively participated in the activities of productivity week.



The banner is divided into two main sections. The left section is white with a rounded top and bottom, containing the NPC logo (National Productivity Council) at the top left, the year '2017' in large orange 3D numbers, a green recycling symbol, and the text 'REUSE REDUCE RECYCLE' in green. Below this is the date '12th -18th February, 2017'. The right section is a green rounded rectangle containing the word 'THEME' at the top and the theme text 'From Waste to Profits through Reduce, Recycle & Reuse' in black.

THEME

From Waste to Profits through Reduce, Recycle & Reuse

NATIONAL PRODUCTIVITY COUNCIL
(UNDER MINISTRY OF COMMERCE & INDUSTRY, GOVT. OF INDIA)
HEAD OFFICE: 5-6, UTPADAKTA BHAVAN, LODHI ROAD, NEW DEHI-110003 REGIONAL OFFICE: 9, SYED AMIR ALI AVENUE, KOLKATA-700017

Theme Banner

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LIST OF ACTIVITIES PERFORMED DURING PRODUCTIVITY WEEK-2017

Sl.No.	Activity	Date	Venue	Associated Organization/Institution
1	Talk on Productivity Theme	13/02/17	Metro Diary, Kolkata	M/s Metro Diary, Kolkata
2	National Productivity Week Celebration 2017-One Day Workshop on theme	15/02/17	Hotel Golden Parkk, Kolkata	Federation of Small and Medium Industries, West Bengal (FOSMI)
3	National Productivity Week 2017 Theme presentation	16/02/17	IOCL Bhavan, Dhakuria, Kolkata	Indian Oil Corporation Ltd (IOCL), Regional Office, Dhakuria, Kolkata
4	Painting Competition	18/02/17	Nehru Children's Museum, Kolkata	Nehru Children's Museum, Kolkata

**Our future growth relies on competitiveness,
innovation, skills and productivity**

National Productivity Council, Kolkata

Productivity Week Celebration 2017

ABOUT THE ACTIVITIES

Organizing National Productivity Week Celebrations 2017-One Day Workshop on theme at Hotel Golden Parkk, Kolkata

National Productivity Council (NPC) partnered Federation of Small & Medium Industries (FOSMI), West Bengal, as part of an initiative of propagating the message of productivity, has celebrated **National Productivity Day** with the theme "*From Waste to Profits through Reduce, Recycle and Reuse*" on 15th February 2017 at Hotel Golden Parkk, Kolkata.

The National Productivity Day celebrations 2017 were held as a part of National Productivity Week based on the theme "*From Waste to Profits through Reduce, Recycle and Reuse*". The programme would provide a platform to get a clear understanding about the various ways/means of Waste Minimization techniques and also about a friendly legislative framework, customer service approach, etc and all these would help us to develop the overall business environment resulting in more amount of productivity and profitability for the organization.

Besides, we are all aware about the various initiatives of Government of India like "Swachh Bharat" etc which would flourish only with the development of industries comprising of manufacturing and service industries. This forum had also shared with the participants how industries (*whether manufacturing or services*) could further develop themselves and grow with the adoption and application of different best practices followed by their peers which would fulfill the objectives of the various initiatives of the Government of India. The program was attended by **approximately 70 participants**.

Therefore, it was appealed to all the industrial units in the region to incorporate tools and techniques related to waste minimization. However, it is perceived for the industry that if the generator of the waste cannot recycle his waste himself, he needs to look for a buyer to take it from him which can be understood by a method called waste exchange that is using of waste from one industry that is valuable to another thereby facilitating recycling with the substantial contribution towards minimizing the volumes of waste that have to be disposed of.

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[From Left to Right: Sh. Alope Mukherjea, Eminent Speaker & Chairman, Howden Flakt India Ltd, Sh. P. Chakraborti, Regional Director, NPC, Kolkata, Col.Sabhyasachi Bagchi, Chairman, West Bengal Small Industries Development Corporation (WBSIDC), Sh. Biswanath Bhattacharya, President, FOSMI]



Participants in the Event

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Shri **P.Chakraborti**, Regional Director, NPC warmly greeted the dignitaries on the dais namely **Shri Alope Mukherjea**, Chairman, Howden Flakt India Ltd ; **Shri Biswanath Bhattacharya**, President FOSMI, **Col. Sabhyasachi Bagchi**, Chairman, West Bengal Small Industries Development Corporation (WBSIDC) and



Dr. Tapas Gupta, Chief Engineer, West Bengal Pollution Control Board (WBPCB). Shri Chakraborti also welcomed the speakers and panelists as well as members of the audience. The purpose of the present event was briefed by him as he talked about the initiatives taken by Govt. of India for Waste Minimization. He thanked the dignitaries for gracing the occasion despite numerous preoccupations and wished a grand success to the event.



Shri **Alope Mukherjea**, greeted the dignitaries in the dias and addressed the gathering briefly on the National Productivity Week celebration and its evolution, thereby remembering his presence in earlier editions of the event. He greeted the dignitaries, speakers and guests. Then onwards, Shri Mukherjea talked about

Global sustainability index, present scenario of Waste Management techniques adopted by Municipal Corporations. He also cited several examples from 3Rs concept and the need of the concept in day to day life. He wished the event a great success.

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Col. Sabhyasachi Bagchi, Chairman, West Bengal Small Industries Development Corporation (WBSIDC) was the Chief Guest of the program. In his inaugural address, he addressed the gathering by discussing about SMEs. He also talked in brief about the reforms taken by Govt. of India and various case studies from Waste Minimization Techniques.



Shri Biswanath Bhattacharya, President, FOSMI address the gathering. He expressed his gratitude to NPC for partnering FOSMI in organizing the event. He thanked all the participants for attending and making a great success of the event. He thanked the team of FOSMI officials as well as NPC personnel for their involvement. He also wished great success to the event and looked forward to the technical presentations.

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Finally, the vote of thanks was delivered by **Sh. Suman Maity, Dy. Director, NPC**. He acknowledged the dignitaries for gracing the training program with their presence, despite their demanding schedule. He thanked all the participants for attending and making a great success of the event. He thanked the team of FOSMI officials as well as NPC personnel for their involvement.

Apart from the above, technical sessions was carried out by speakers/guest experts on the theme topic. The technical presentations were delivered by **Sh. Alope Mukherjea**, Eminent Speaker & Chairman, Howden Flakt India Ltd, **Dr. Tapas Gupta**, Chief Engineer, West Bengal Pollution Control Board (WBPCB), **Sh. Sandip Neogi**, Director, Neogi Technologies & Research Pvt. Ltd, **Prof. Asis Kumar Mazumdar**, Department of Water Resources, Jadavpur University.

Program was carried out in such a fashion so as to give maximum time for interaction/discussions and query solving. Presentations were made only to make participants aware about the productivity theme topic.

The feedback and concluding remarks were delivered by **Sh. S. Mallik, Director, NPC, Kolkata**. During the Question & Answer-hour & valedictory session, the participants indicated their satisfaction for such a program relevant to them. The attendance of delegates exceeded the pre-programme anticipation. The involvement of the audience was note-worthy. Valuable inputs were provided by the members of the audience and the same was well accepted by the experts. The venue as well as the sumptuous spread at the lunch was also appreciated by the invitees. The dignitaries and guest speakers were felicitated with token mementoes at the conclusion of the day's activities. The feedback of the participants is excellent.

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Inaugural Session



Lighting the lamp of Knowledge



Sh. B.Bhattacharya, President, FOSMI welcomed with bouquet



Handing over a memento to Col.Sabhyasachi Bagchi



Sh.H.Ganguly, Secretary, FOSMI addressing the audience



Sh.S.Maity, Dy.Director, NPC delivering the Vote of Thanks



Sh.S.Mallik, Director, NPC addressing the conclusion session

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Technical Session



Sh. Alok Mukherjee delivering his ppt.



P.B. Manish C. Vinay, Dy. Director handing over a bouquet



Dr. Tapas Gupta, Chief Engineer, WBPCB delivering ppt.



Sh. Sandip Neogi, Director, Neogi Technologies & Research delivering ppt



Prof. Asis Mazumdar, JU delivering ppt



A memento being handed over to Prof. Asis Mazumdar, JU

Organizing Painting Competition at Nehru Children's Museum, Kolkata

As part of the initiatives of propagating the message of productivity, a painting competition had been held for school-going children. Keeping in mind the necessity for maintaining highest quality standards as well as wide promotion of the event, the prestigious establishment of **Nehru Children's Museum (NCM), Kolkata** was approached for organizing the concerned event at their premises. It may be mention-worthy that **Nehru Children's Museum is a project of the National Cultural Association and is affiliated to National Bal Bhavan, Govt. of India.** It is also a corporate member of the **Indian Council for Child Welfare, New Delhi.** The authority of Nehru Children's Museum welcomed the initiative and organised the Painting Competition on the theme of **'Save Energy for Better Future'** on **18th February, 2017** from 1400 hrs onwards. Around fifty (50) children under the age group of fourteen years participated in the competition. A panel comprising of two expert judges as well as officials from NPC and NCM evaluated the paintings. The first three winners of the competition were appreciated with awards as well as 'Certificates of Excellence' by NPC. All other participants were awarded 'Certificates of Participation'. Food packets had also been arranged for all participants as well as the judges. **Shri Sudip Simal**, Director, Nehru Children's Museum congratulated the participants for participating in such huge numbers. **Shri S. Mallik, Director, NPC-Kolkata** urged the gathering, comprising of the participants as well as their guardians, to nurture the concepts of productivity in daily life among young citizens and appreciated the winners of the competition with awards. **Shri Anand Sinha, Asstt. Director, NPC-Kolkata** distributed the certificates of excellence to all the participants. The enthusiasm among the young children was note-worthy and their sincere efforts brought out significant works of art on the theme of the event.

Photo gallery of the celebration held at the Institute is attached below.



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Talk on Productivity Week theme at M/s Metro Diary Ltd

To mark the occasion of National Productivity week celebration 2017, a talk on the Productivity theme was organized by M/s, Metro Diary Ltd at their unit in North 24 Parganas District of West Bengal on 13/02/17. The program was attended by the Executives and Managers of the Diary unit. **Shri Saikat Barman, Asst. Director, NPC, Kolkata** delivered a presentation on the theme "From Waste to Profits through Reduce, Recycle and Reuse".

Organizing Productivity week at IOCL Bhavan, Kolkata

Indian Oil Corporation Ltd. (IOCL), Dhakuria, Kolkata celebrated National Productivity Week from 12th to 18th of February, 2017 on the theme of "From Waste to Profits through Reduce, Recycle & Reuse". **Shri Suman Maity**, Deputy Director, NPC, Kolkata delivered presentation on "From Waste to Profits through Reduce, Recycle & Reuse "on 16th February, 2017 to Senior Executives/officials from M/s IOCL at Indian Oil Bhavan, Dhakuria, Kolkata office, for Productivity week celebrations. On this occasion, Productivity Quiz and Slogan competition was also organized by the management of IOCL. Also, as a part of Short term productivity practitioner courses conducted during the week for Eastern Zonal technical Officers & Staff by IOCL, Regional Office, Kolkata at Tollygunge Club at Kolkata on 16th February, 2017. **Shri Suman Maity**, Deputy Director, NPC, Kolkata delivered lectures on "From Waste to Profits through Reduce, Recycle & Reuse' as a part of National Productivity Week celebrations 2017.



[Sh. Suman Maity, Dy. Director, NPC, Kolkata delivering ppt. on theme topic]

NATIONAL PRODUCTIVITY COUNCIL

NPC is a national level organization to promote productivity culture in India. Established as a registered society in 1958 by Government of India, it is an autonomous, tripartite, not for profit organization with equal representation from the Government, Employers and Employees' organizations, apart from technical & professional institution on its governing council. Besides providing training, consultancy and undertaking research in the area of productivity, NPC also implements the productivity promotion plans and programmes of the Tokyo based Asian Productivity Organization (APO), an inter-governmental body of which the Government of India is a founder member.

The Mission of NPC is Development, Dissemination and Application of knowledge and experience in productivity, for promoting consciousness and improvement in productivity, with the objective of strengthening the performance and competitiveness of the economy as well as of improving the working conditions and quality of working life.

The Union Minister for Industry is the President of NPC, and the Secretary (Industrial Development) is its Chairman. Director General is the Chief Executive Officer, and is a government appointee. NPC has 14 Regional Professional Management Groups (RPMGs) in India, located in Major State Capitals and strength of over 200 full time consultants.

CORE COMPETENCIES

NPC offers TOTAL SOLUTIONS, as also specific services in management as well as technological areas. These include,

- **Human Resource Development:** Work culture, Participative group activities, Workload assessment, Organization Redesign, Productivity Linked reward Scheme, Training needs assessment, Wage structure design, Competency Matrix design.
- **Strategic Productivity Management:** Systems & Procedures redesign, Material requirement planning, MIS, Project Management, Cost reduction.
- **Process Management:** Total Quality Management, ISO 9000, Certification, Business Process engineering, KAIZEN, Benchmarking etc.
- **Information Technology:** Management Information system, E – Governance, IT Infrastructure Planning.
- **Energy Management:** Energy Audits, Co-generation, Demand side management, Renewable & Green energy sources, Process Optimization & energy Conservation.
- **Environment Management:** Integrated environment planning, Environmental Audit, Cleaner Production Techniques, Hazardous Waste Management, Waste Minimization & Utilization, Green Productivity, ISO 14000 & OHSAS 18000.
- **Productivity Implementation:** Policy Research & Techno-economic Consultancy, Productivity Audit.
- **Technology Management:** Condition Monitoring, Safety audit, Risk assessment, Total Productive Maintenance.
- **World Class Manufacturing:** Flexible/ cellular manufacturing, JIT, Cycle time reduction, Six Sigma.
- **Agribusiness:** Food Processing, Warehousing Logistics, Evaluation Studies, Soil & Water conservation.

NPC brings out literature suitable to Indian situation on current and emerging subjects relating to productivity and quality. It also brings out six periodicals, viz. PRODUCTIVITY, ENERGY MANAGEMENT, MAINTENANCE, EXCELLENCE IN SUPERVISION, PRODUCTIVITY NEWS AND UTPADAKTA (Hindi).

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