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National Productivity Week 2019

EDITORIAL

National Productivity Council (NPC) established in 1958, is an apex organization to promote productivity culture across the country. The organization promotes selected concepts on productivity to motivate professionals and organizations through "Productivity Week" every year.

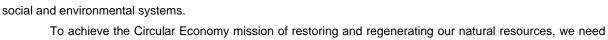
The foundation day of NPC i.e. 12th February is celebrated as Productivity Day and following week February 12-18 as National Productivity Week. The organization conducts national and regional workshops at its Head Quarter in Delhi and other Regional Directorates, Local Productivity Councils recognized by NPC also areencouraged to participate with professionals from industries, associations, government and academia. The reach of these activities are maximised through print publicity and media coverage by Doordarshan and All India Radio.

In the year 2019, NPC selected the theme"**Circular Economy for Productivity &Sustainability**"asProductivity Week theme and laid empasisis on the business opportunities. The circular economy follows the principle of preservation and enhancement of natural capital by controlling finite stocks and balancing renewable resource flows. By observing the theme,NPCaimed at collaboration with business and policy makers so as Circular Economy opportunities can be highlighted.

The organization has planned about 350 programs for capacity building wherein around 45 programs are directly associated with the selected theme. The organization is also taking forward the concept by launching a number of workshops throughout the country to sensitize the professionals on productivity concepts. Selected projects and programs that have been completed by the organization are also highlighted in following sections







PRODUCTIVITY MESSAGES

to understand and incorporate the contribution from all the economic actors and system components: business, government and civil society organizations, material inputs, digital technologies, globalized food systems and planetary ecosystems. Read More...

Shri Suresh Prabhu, Hon'ble Minister of Commerce & Industry The transition to a Circular economy requires an understanding of the inter-relationships between economic,

Ms. Uma Bharti, Hon'ble Minister of Drinking Water and Sanitation

....Moving to a circular economy of water is about synchronizing with the natural water cycles and then optimizing. By using nature as a mentor and applying circular economy principles such as systems thinking, closed loop systems and retention of value, it will be possible to avert the water crisis and secure a refilling of water table and meet future requirements of all Read more

Dr. Harsh Vardhan, Hon'ble Minister of Environment, Forest & Climate ChangeThe Circular Economy offers a unique opportunity for all the Stakeholders in India to leapfrog to innovative



products and services in line with the Circular Economy principles creating a new economic model that replace the unsustainable global take-make-waste......<u>Read more....</u>

Shri Vijay Rupani, Hon'ble Chief Minister of Gujarat

.....This will in turn boost the Reuse, Recylability and Remanufacturing of products to reduce waste, enhance usage of clean energy resorting to more a Greener Planet. <u>Read more....</u>



ShriSarbanandaSonowal, Hon'ble Chief Minister of Assam

.....In view of the demands of a fast developing economy like India and to sustain the growth parameters, all key sectors must work towards introducing breakthrough changes in products, services, processes and new methods of production for augmenting enterprise level productivity. <u>Read</u> <u>more....</u>



श्री अशोक गेहलोत, माननीय मुख्य मंत्री राजस्थान

.....इस चक्रिय अर्थव्यवस्था के प्रति जागरूकता बदकार उद्योगों मे उत्पादकता को बड़ाना एव पर्यावरण पर पड़ रहे दुष्प्रभाव को काम करने हेतु उठाया गया यह कदम एक सरहनीय प्रयास हे| <u>Read more....</u>



ShriManoharLal, Hon'ble Chief Minister of Haryana

.....I appeal to all citizens and industries of the state during the Productivity week to learn and adopt modern concepts of Productivity on the principles of circular economy on preserving and enhancing natural capital, optimizing resources yields <u>Read more....</u>



Prof. GaneshiLal, Hon'ble Governor of Odisha

The Purpose behind the observance of National Productivity Week is to increase productivity consciousness across all sectors of the economy in the country. The theme for this years observance holds immense importance. <u>Read more...</u>



श्री लालजी टंडन, माननीय राज्यपालबिहार

आज यह समय की माँग है कि हम अपनी जरूरतों को पर्यावरण एव प्रकार्तिक संसाधनों के साथ संतुलन कायम रखते हुए पूरा कर का समुचित प्रबंध करें.... <u>Read more....</u>

PRDUCTIVITY WEEK CELEBRATION



National Productivity Council (NPC) celebrated Productivity Week from 12^{th} – 18^{th} February, 2019 on the theme "Circular Economy for Productivity &Sustainaibility".

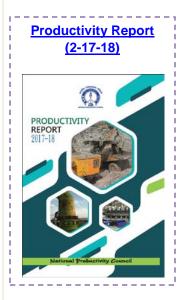
Dr.Amita Prasad, IAS, Director General, NPC welcomed the gathering in her address emphasized on the need for NPC to take the lead by formalizing a detailed plan to identify and implement the Circular Economy Concepts. She deliberated on need of collaboration among different players so as to bring them together. The Foundation Day celebration was inaugurated by Shri Ramesh Abhishek, IAS, Secretary, Department for Promotion of Industry and Internal Trade (DPIIT) and Chairman, NPC. Shri AtanuChakraborty, IAS, Secretary, Department of Investment and Public Asset Management (DIPAM). Shri AtulChaturbedi, Additional Secretary, DPIIT was also present during the inauguration.

In his inaugural address, **Shri Ramesh Abhishek, IAS, Secretary, DPIIT& Chairman, NPC** stressed on the significance of Circular Economy & Smart manufacturing in augmenting the Competitiveness & Productivity of



Manufacturing Sector Shri whereas AtanuChakraborty, IAS. Secretary, **DIPAM**, stressed upon principles of Circular Economy must be leveraged, by businesses, policymakers & citizens to leapfrog the Indian economy in leadership position. The day was marked with the release of Productivity Report that was a compendium of projects or programs completed by NPC in the FY 2017-18.

The Inaugural Session was followed by Panel Discussion on "Circular Economy for Productivity & Sustainability". Shri YogeshBedi, Chief of Steel Recycling Business, TATA; Shri S. K. Agarwal, Vice President, Delhi Productivity Council; Ms. ArchanaDatta, Dy. Director, FICCI were panel members and Shri K. D. Bhardwaj, Director, National Productivity Council moderated the discussion. In the panel discussion, experts shared their experiences and the cases that can boost the whole concept into realization. They also shared the business opportunities and the requirement for legal framework and plan of action to support effective role out. All in tandem were looking forward to NPC to as nodal point to accelerate the associated activities and help in achieve resource optimization and overall productivity of the environment.



On February 13, 2019, the workshop on "Artificial Intelligence for Governance" was inaugurated by Shri N. Sivasailam, IAS, Special Secretary (Logistics), Department of Commerce and Sh. Sanjeev Gupta, IAS, Secretary, Interstate Council Secretariat, Ministry of Home Affairs, GoI.

Shri PunitShukla, NITI Ayog discussed about focus areas & programs under National Strategy for Artificial Intelligence published by NITI Ayog. Shri Vinay Thakur, Director, discussed about National Centre for Artificial Intelligence, which will act as a hub along with Centres of Excellence for promoting AI technologies in India



The importance of theme became more significant as Doordarshanandrecorded the proceedings of Inaugration of Productivity week and broadcasted the special message of Shri Ramesh Abhishek, IAS, Secretary, DIPPT & Chairman, NPCand Dr. Amita Prasad, IAS, Director General, NPC.

All India Radio (AIR) also broadcasted the talk with DG, NPC on the importance and relevance of the theme for Productivity Week at its FM Gold channel at 106.4 on 12th Feb 2019 at 9:45 PM on their show titled "Vad-Samvadh"

A live panel discussion was on the selected theme was conducted at Doordarshan's National program titled "New India Sankalp" at 6:00 PM on 13.02.2019. Dr. Amita Prasad, IAS, DG, NPC, Shri K.D. Bhardwaj, Director, NPC, ShriSuneelPandey, Director TERI and ShriSudhir Kumar, Adviser, NITI Aayog were the panel members. The same program was re-broadcasted at 10:00 PM on same day and at The 10:00 AM on 14.02.2019. progam can still watched at https://www.youtube.com/watch?v=XAfbNJxW6cM

Similarly, RajyaSabha TV also hosted a panel discussion with panel of Shri K.D. Bhardwaj, Director, NPC, ShriShirishPaliwal, Director, NPC, Shri Hiroshi Tachikawa, Managing Director, Propharm Japan Co. Ltd., Shri Dinesh Yadav, Chairman, CII, Gujarat and ShriAshishChaturvedi, Director, GIZ, on the same theme at its program titled "The Big Picture" at 6:30PM on Feb 15th, 2019. The program was repeated at 9:30PM on same day. The program can be watched at .https://www.youtube.com/watch?v=lM-NTe8Owr4&t=458s

PRODUCTIVITY WEEK BY REGIONAL DIRECTORATES

BANGALORE

NPC Regional Directorate, Bangalore observed the Productivity Week and conducted the workshop on 15th Feb 2019 on the selected theme at Hotel Trinity Isle, Bangalore. Total 67 prfessionals participated.



In the workshop, Welcome Address was delivered by Shri C. Narendra, Regional Director whereas invited guest Shri K.V. ShekarRaju, National President, Federation of Associations of Small Industries of India (FASII) & Governing Body Member for NPC delievered the Theme Address and Prizes under Poster Making Competition by NPC.

Also, ShriH.R.Prabhu, Director, NPC delivered the Introductory Address whereas Shri V. Nandkumar, HOD-Sustainability Operations, DNV GL Business Assurance Private Limited, Bangalore apprised everyone on latest trends through its key note address and ShriRajuGundala, Founder, MSMEONLINE.IN by his keynote address highlighted the relevance of Industry 4.0 on Circular Economy. ShriSwaminathanDileep Kumar, President - Operations, 4R Recycling Private Limited, Bangalore made a Presentation on Waste Minimization – Reuse, Reduce, Recycle.

Besides the workshop, officials of NPC Bangalore propagated the theme in their region by deliveringLectures, Talks, Keynote Address at the following organizations:

- 12th Feb 2019: Bharat Electronics Limited, Bangalore
- 13th Feb 2019: Helicopter Division, Hindustan Aeronautics Limited, Bangalore
- 13th Feb 2019: RV College of Engineering, Bangalore
- 14th Feb 2019: Bharat Heavy Electricals Ltd. EPD Division Bangalore.
- 14th Feb 2019: Mission Combat System R&D Center,
- 14th Feb 2019: Hindustan Aeronautics Limited, Bangalore
- 16th Feb 2019: Bharat Heavy Electricals Limited, Electronics Division, Bangalore
- 16th Feb 2019: LCA, TejasDivisionHindustan Aeronautics Limited
- 16th Feb 2019: Rotary Wing Research and Development Center Hindustan Aeronautics Limited, Bangalore
- 18th Feb 2019: Elite Naturals Private Limited, Hosur
- 18th Feb 2019: Department of Public Enterprises, Govt of Karnataka
- 18th Feb 2019: ITI Limited, Bangalore
- 18th Feb 2019: Nuclear Power Corporation Limited, Kaiga
- 19th Feb 2019: VijayaBank ,Regional Office, Bangalore North & South
- 19th Feb 2019: Aerospace Division, Hindustan Aeronautics Ltd, Bangalore
- 21st Feb 2019: BEML Limited, KGF

Winners of Poster Making Competition



First Prize



Second Prize



Third Prize

Page 6

Winners of Poster Making Competition



First Prize



Second Prize



Third Prize

BHUBANESHWAR

NPC Regional Directorate, Bhubneshwar observed the Productivity Week by conducting the workshops on 12th and 16th Feb on the theme at ITER, SOA and Hotel Empires in its region. More than 120 Participants attended the workshop.



On 12th Feb, the Welcome Address was delivered by Shri AvijitNayak, Regional Director, Bhubneswar. The Chief Guests of the workshop was Prof. (Dr.) B. N. Thorat, Director & Professor of Chemical Engineering, Institute of Chemical Technology, ICT-IOC, Bhubaneshwar. The Inaugral Address was presented by Sh. AbasarBeuria, President, Odisha Productivity Council. Shri DebabrataPanigrahi, Hony Secretary, Odisha Productivity Council delivered the vote of Thanks

The workshop conducted on 16th Feb was started by **Shri AbasarBeuria**, **President**, **OPC**, with a welcome address and the Theme Address was delivered by **Shri AvijitNayak**, **Regional Director**, **Bhubneswar**. During the workshop, Award were presented to the winners of Productivity Poster Competition and a special Bulletin on Week was released by the **Chief Guest**, **Shri VivekPatnaik**, **IAS (Retd.)**.

The Special Address was presented by **Dr.PasqualaAvino** and **Shri VivekPatnaik**, **IAS** (**Retd.**). The workshop was followed by Technical sessions related to the theme.

Besides Workshop, NPC Officials delivered Lectures, Talks and Presentation to the following organizations:

- 13th Feb 2019: Central Mine Planning and Design Institute, Bhubaneswar, Odisha.
- 14th Feb 2019: IOCL Refinery Paradeep, Odisha, Paradeep Phosphate, Paradeep, Odisha; IFFCO, Paradeep; ICAR-National Rice Research Institute, Cuttack, Odisha
- 15th Feb 2019:North Orissa Chamber of Commerce & Industry, Balasore, Odisha, Balasore Chamber of Industries & Commerce, Balasore, Odisha, BharatiyaVidyaBhavan, Bhubaneswar

CHANDIGARH

NPC Regional Directorate, Chandigargh observed the Productivity Week by conducting the Workshops and Technical Sessions on the topics related to the theme at Bharat Electronics Limited (BEL), Panchkula (Haryana) on 15th Feb, Panipat Refinery & Petrochemical Complex, Panipat (Haryana) on 16th Feb and BaddiBarootiwalaNalagarh Industries Association, Baddi, Solan(HP) on 18th Feb.



During the workshops the following topics had been discussed:

- Circular Economy for Productivity & Sustainability and Waste Management Techniques
- Role of Lean Manufacturing in Circular Economy and Green Lean Management (GLEAN)
- Lean Management
- LMCS Scheme and Cluster Formation

CHENNAI

NPC Regional Directorate, Chennai observed the Productivity Week by conducting a workshop on 15th Feb 2019. The Chief Guest was **Prof. (Dr.) R. Nagendran, Former Expert Member, National Green Tribunal- Southern bench, Chennai.**



Besides Workshop, NPC Officials delivered Lectures, Talks and Presentation to the following organizations:

- 14/02/2019: Rajiv Gandhi National Institute of Youth Development, Sriperumbuduron "Enhancing Productivity of the Youth of India"
- 15/02/2019: Kudankulam Nuclear Power Project on "General Productivity Concepts& Circular Economy for Productivity and Sustainability"
- 18/02/2019: Madras Fertilizers Ltd, Manali, Chennai-68 on Awareness on theme
- 18/02/2019: IOCL-Southern Pipeline Division, Chennai on "General Productivity Concepts

Winners of Poster Making Competition





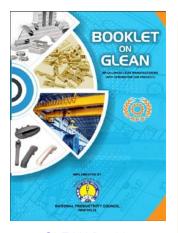


Second Prize



Third Prize

Page 8



GLEAN Booklet



First Prize



Second Prize



Third Prize

DELHI

NPC Regional Directorate, Delhi observed productivity week celebration by conducting workshops on "Circular Economy, a Force Multiplier for Productivity & Sustainability" and GLEAN on Feb 14, 2019 and Feb 15, 2019 respectively.



By the first workshop. It was emphasized that the concept of circularity of economy is deeply ingrained in Indian habits as demonstrated by the high rates of utilization & repair of products and distributed Reuse, Recovery & Recycling of materials post-use. The concept very much resonates with **Mahatma Gandhi's** ardent lifelong quest for 'minimal consumption', 'eco-efficiency in production' and 'deficiency in waste generation'. The workshop concluded with an appeal to experts, citizens and youth to develop innovations and initiatives to strengthen the mission of circular economy vie engagement in agricultural, manufacturing and services sectors.

Similarly, in the second workshop the beneficiary SMEs units shared their GLEAN journey and reported both tangible and intangible benefits accrued by them as a result of GLEAN implementation. They have claimed to have achieved annual savings in the range of almost Rupees 2 Crores owing to the implementation of GLEAN. The SME units highly praised NPC for their persistent motivation and handholding throughout the implementation of GLEAN.On this occasion a booklet on GLEAN was also released by the dignitaries for dissemination of this new innovative approach amongst industry in India. During the workshop

HYDERABAD

NPC Regional Directorate, Hyderabadobserved productivity week celebration by conducting knowledge sharing session on "Circular Economy for Productivity & Sustainability" on 14th Feb 2019. The Panelists are Dr. RajaniKumariChamala, Committee Member of ALEAP, Shri P. Pavan Kumar, Telangana State Renewable Energy Development Corporation Ltd., Hyderabad, Shri Mani Vajipeyajula, CEO & Co-Founder, Banyan Nation Smart Waste Management, ShriK.R.ChariGaru, former Regional Director, NPC, Hyderabad& Professor, Birla Institute of Management & Technology, Noida and ShriVinay Kumar, Vice President, n-Dimensions GIS Solutions, Solid Waste Management.



Besides Workshop, NPC Officials delivered Lectures, Talks and Presentation to the following organizations:

- 12/02/2019: Corporate R&D Centre, BHEL, Hyderabad
- 13/02/2019: South Eastern Coalfields Limited (SECL), Bilaspur
- 15/02/2019: Vijaya Bank, Regional Office, Hyderguda
- 15/02/2019: MIDHANI, Kanchanbagh
- 16/02/2019: BHEL, RamachandraPuram Plant, Hyderabad
- 18/02/2019: STQC, Hyderabad
- 18/02/2019: Security Printing Press Mint Compound

During the Productivity Week **DoordarshanYadagiri Channel** telecasted the panel discussion on the theme with experts from MSME-DI, JNTU, Hyderabad and NPC on 15.02.2019 at 09:30AM. Panel of **Shri G. Saravanan, Regional Director, NPC, Hyderabad, ShriM.V.Sudhir Kumar, Assistant Director, MSME-DI** and **Prof.Jayalakshmi, JNTU, Hyderabad.**

All India Radio (AIR), Hyderabad also hosted a Talk Show on the theme with experts from Telengana State Renewable Energy Development Corporation and NPC on 14.02.2019 at 12:40PM. Panel of Shri D.Rajanikant, Deputy Director, NPC, Hyderabad, Shri P. Vinod Kumar, Assistant Director and Shri T. Srinivasulu, Project Director, Telangana State Renewable Energy Development Corporation Ltd, Hyderabad.

Bol Hyderabad 90.4 FM also broadcasted a Talk Show on theme on 12.02.2019 at 08:00AM and it was repeated on 14.02.2019 at 08:00AM &06:00PM. Panel of ShriLalit S. Kamde, Assistant Director, Shri B Ravi Chander, Assistant Director and Shri P. R. Rajkamal, Assistant Director, NPC, Hyderabad.

GANDHINAGAR

NPC Regional Directorate, Gandhinagarobserved the Productivity Week by conducting the workshops on 12th, 14th and 15th Feb. The workshop on 12th Feb was conducted at Ahmedabad Management Association, Ahmedabad and was oriented towards application of circular Economy. It was attended by about 110 participants.



Winners of Poster Making Competition



First Prize



Second Prize



Third Prize

The Chief Guests were **Shri A K Rathi, Retd. Ex Director, FED, Govt. of Gujarat; Shri J K Vyas, Retd.Director (Environment), FED, Govt. of Gujarat; Shri Shantanu Roy, Director, Value elements Consulting, Pune.**On 14th Feb, the program was conducted on Certifications Schemes For Promoting Productivity And Sustainability and an Elocution Competition on Theme was conducted at Auditorium, G.H.Patel College of Eng. And Technology on 15th Feb.

GUWAHATI

NPC Regional Directorate, Guwahati observed the Productivity Week by conducting various lectures and talks. These program was attended by more than 120 participants.



On 12th Feb, Foundation Day program was organised at Hotel Pragati Manor, GS Road,Guwahati. Shri D N Baruah, President, Guwahati Management Association, Dr A. Bhattacharjee, Associate Professor, Deptt. of Management, North Eastern Hill University, Tura Campus, Shri S. Borgohain, Director (Personnel), NEEPCO Ltd were the panelist. The program was attended by 45 Participants

Besides the foundation day program, the following programs were also conducted at the different venues forCGM, GM, DGMs, Sr. Managers & Engineers etc:

- 14th Feb 2019: Inland Waterways Authority of India, Regional Office, Guwahati.
- 14th Feb 2019:"Circular economy & Waste management with special emphasis on MFCA" atNumaligarh Refinery Ltd.
- 15th Feb 2019: "Circular economy & Waste management with special emphasis on Organic, Agriculture" at Regional office Coconut Development Board, Min. of Agriculture & Farmer's Welfare, Guwahati
- 18th Feb 2019: Vijaya Bank, Regional Office, Guwahati

JAIPUR

NPC Regional Directorate, Jaipur observed the Productivity Week by conducting the following lectures and talks in its region:



On 12th Feb 2019 Foundation Day Program was organized at Nehru Bhawan Auditorium, HCM Rajasthan State Institute of Public Administration, Jaipur. On 18th Feb, a valedictory Function was organized and the chief guest was **Shri A.K.Jain,Managing Director, Rajasthan Electroncis& Instrumentation Ltd.**

Further, on the same day a Technical Session and Demostration of Karakuri Kaizen during Gamba Visit was conducted. The Speakers were **ShriVikasVermaand**and**Shri Praveen Gupta, BOSCH Ltd.**

A Live panel discussion was also held on 12th February 2019 at Doordarshanon the subject "UtpadaktaDiwasKaMahattav" with ShriMukesh Singh, Regional Director, NPC Jaipur &ShriK.R. Sharma, Lean Consultant, Jaipur.

Besides Workshops, variou Lectures were organized during the week in the region:

- 13th Feb 2019:Alwar Automobile Component Manufacturer Society
- 13th Feb 2019: Oil Mill Cluster, Alwar
- 14th Feb 2019: National Institute of Agriculture Management, Jaipur
- 15th Feb 2019:Udaipur Chamber of Commerce & Industries, UCCI Lean Group-1, Udaipur
- 16th Feb 2019:Vijaya Bank, Regional Office, Jaipur

KANPUR

NPC Regional Directorate, Kanpur observed the Productivity Week by conducting the various lectures and talks in its region during the week.



The Productivity Week was started as a press conference at Merchants' Chamber of Uttar Pradesh, Kanpur on the Productivity Week's theme. Shri R. Dubey, Regional Director, NPC, Kanpur, Shri A.K. Sinha, Secretary, Merchants' Chamber of U.P, Shri L.B.S. Yadav, Dy. Director, MSME-DI, Kanpur and Shri S.K. Agnihotri, Asst. Director, MSME-DI, Kanpur were presented during the conference.

On 13th& 14th Feb, Essay Competitions were organized at Kanpur Institute of Technology (KIT) and Allenhouse Institute of Technology, Kanpur. Total 174 students participated in the competition

A Concluding Function of Productivity Week was organized on 19th Feb. The Chief Guest were from Kanpur Management Association, Indian Institute of Technology, Kanpur Indian Industries Association.

Winners Poster Making Competition



First Prize





Besides Workshops, various Lectures were organized during the week in the region:

- 12th Feb 2019: ITI Ltd., Raebareli
- 14th Feb 2019: Vijaya Bank, Regional Office, Lucknow. Shri T. Ishwar Prasad, DGM and Shri
- Ashok Kumar, AGM spoke on the theme and about CSR activities in the area of
- Reduce-Recycle-Reuse.
- 15th Feb 2019: MSME-DI, Kanpur and Prachi Leathers Pct. Ltd., Kanpur
- 16th Feb 2019: Bharat Electronics Limited. Ghaziabad:

KOLKATA

NPC Regional Directorate,Kolkata observed the Productivity Week by conducting workshop on 12th Feb at The Senator Hotel, Kolkata. Shri S.Mallik, Regional Director, NPC delivered the Welcome Address. The other chief guests were Prof.(Dr.) RajagopalDharChakraborti , Director,Indian Institute of Social Welfare & Business Management, Shri Ravi Sehgal, Chairman, EEPC India, Shri Vijay Bharti, IAS, Director, MSME, Govt. of West Bengal,Dr. DipankarSaha,Ex-Additional Director & Head (Air Pollution Laboratory), Central Pollution Control Board and Currently Member of Expert Appraisal Committee, MoEFCC, Govt. of IndiaandShri Ajay Mittal, National Convenor, Kolkata Clean Air Initiative.



Besides Workshops, various Lectures were organized during the week in the region:

- 13th Feb 2019: Chittaranjan National Cancer Institute (CNCI), Kolkata
- 14th Feb 2019:Regional Office, National Aluminium Company Ltd. (NALCO), Kolkata
- 15th Feb 2019:Central Marketing Organization, Steel Authority of India Ltd. (SAIL), Kolkata, V-Guard Industries Ltd., Rangpo, Sikkim
- 18th Feb 2019: Tea Board India Ltd, Kolkata, GAIL India Ltd.

PATNA

NPC Regional Directorate, Patna observed the Productivity Week by conducting workshop on 16th Feb on the theme at Hotel Patliputra Ashok, Patna. The program was attended by 57 participants including General Managers of all District Industries Centres, MSME-DI Patna, UdyogMitraetc.ThespeakerswereShri N. P. Jaiswal, Vice President, Bihar Industry Association, Patna, Shri A Sen, OSD, Bihar Chamber of Commerce & Industry, Patna, Dr. N. K. Choudhary, Retired HOD- Economics, Patna University, Dr. S. K. Singh, Managing Director, Patna Dairy Project, Shri V. M. Jha, MSMEDI-Patna, Shri C. P. Singh, MSMEDI-Patna, Shri P. K. Singh, Director Industries, Dept. of Industries, Govt. of Bihar, Patna, Dr. RakeshSaxena. Dean. Chandragupt Institute of Management, Patna. Dr. ManabendraPathak, HoD, Mech. Engg. IIT, Patna, Dr. Ramakar Jha, HoD, Civil Engg. NIT, PatnaandDr. M JanardanJee, Patron BSPC.

Poster Making Competition



First Prize



Second Prize



Third Prize

Besides Workshops, various Lectures were organized during the week in the region

- 13th Feb 2019: BIT Mesra, Patna Campus
- 14th Feb 2019: Commerce College Patna
- 15th Feb 2019: Patna Dairy Project, NIFT Patna, IOC Barauni Refinery
- 16th Feb 2019: NCL Singrauli, IIBM Patna
- 18th Feb 2019: DMI Patna on 18th Feb 2019

The Industries department, Govt. of Bihar, Bihar State Productivity Council (BSPC), Bihar Industries Association, Bihar Chamber of Commerce and Industries, UdyogMitra, MSME-DI Patna, and other institutions were also involved in the activities organized by NPC.



Winners of Poster Making Competition



First Prize



Second Prize



Third Prize

Productivity Week by Other Organizations

- Confederation of Indian Industry (CII) brought out the circulation of CEO's Guide on Circular Economy & Competitiveness on the eve of National Productivity Week. It also conducted various workshops on the theme, Waste Management, 5S, Resource Efficiency, etc.,
- Cochin Port commemorated the productivity week by introducing Performance Norms based incentive and Penalty Scheme. With the implementation of scheme, the Performance of POL ships and Cement ships has improved considerably.
- > **Tea Board of India** has taken initiatives towards reducing environmental footprint, minimising waste, reduce resource dependency.
- JawaharNavodayaVidhalaya celebrated Productivity Week by organising various competition like Slogan Writting, Essay Writing and Painting.
- Dr.K.N.Modi University, Jaipur organised a workshop on 12th Feb 2019 on "Economy for Productivity and Sustainability"
- Centre for DNA Fingerprinting and Diagnostics organized Slogan Competition during the Week Celebration
- Moil Lmited organized various programs during week at some of the major mines like Beldongri Mine, DongriBuzurgMine,ChiklaMine,GumgaonMine,KandriMine,BalaghatMine,Tirodi Mine, Munsar Mine.
- > **NBCC, New Delhi** organized a slogan competition during the productivity week.

PRODUCTUVUTY WEEK BY LOCAL PRODUCTIVITY COUNCILS

Assam Productivity Councilobserved the Productivity Week by observing workshops at Tea gardens to keep them abreast of modern development and also expose the managements to newer challenges. The workshops were conducted at Nudwa Tea Estate, Rangagora Tea Estate, Chabua Tea Estate, Balijan North Tea Estate.

Three programmes were also organized at IOCL- Bongaigaon Refinery on 16.2.2019 and series of workshops were conducted at Brahmaputra Valley Fertilizer Corporation Limited (BVFCL), Namrupw.e.f. 12/02/2019 to 18/02/2019

Bihar State Productivity Council observed Productivity Week by organizing following workshops:

13.02.2019: BIT Mesra (Patna Campus)
14.02.2019: Commerce College Patna
15.02.2019: Patna Dairy Project
16.02.2019: Indian Institute of Business Management Patna
18.02.19: Development Management Institute Patna

Jharkhand State Productivity Council organized workshop dated 18th Feb 2019 on "Waste Management in Circular Economy for Productivity Council and Sustainability". The Speakers were from Jharkhand Rai University, CMPDIL, HEC. Various other workshops were organized at CCI, St. Xaviers College, HEC, SriAgarsen School.

Madhurai Productivity Council organized following workshops:

12.02.2019: The Week was inaugurated at MannarThirmalaiNaickarCollege Auditorium.

13.02.2019: Industrial Visit to TheRamco Cements Ltd.

14.02.2019:Executives and Workers presented their implamented projects related to Circular Economy

15.02.2019:Seminar on 3Rs and ISO 14000 was conducted for the student of

Salem Productivity Council organized workshops for MSME Sector on the following topic during the week:

- Latest updates in Goods and Service Tax for MSMEs was conducted.
- Fund Flow and Working Capital Management was conducted by SPC
- Export Opportunities for Emerging MSMEs and E.NAM

Baroda Productivity Council conducted following programs during Productivity Week celebration:

- 13th Feb 2019: Free Career Counselling for needy students
- 14th Feb 2019: General Knowledge Quiz Competition on "General Knowledge & Current

Kanpur Productivity Councilinaugurated Productivity week on Feb, 12, 2019 at Sir PadampatSinghania Auditorium and conducted a series of talks on the Theme as follows:

- IIA Bhawan Kanpur on Feb,13,2019 from 3 PM to 5 PM.
- Parle Biscuit Manufacturing Association in Swati Biscuit Conference Hall, Kanpur on Feb,14,2019 from 3 PM to 5 PM
- Kansai Nero Lac Paints Ltd, Jainpur Industrial Area, Kanpur Dehat on Feb,15,2019 from 11 AM to 2 PM.
- Indian Oil Corporation Ltd, Kanpur on Feb,16,2019 from 3 PM to 5 PM
- JhonsonMattey in training hall Kanpur on Feb,18,2019 from 3PM to 5 PM.

Kerala Sate Productivity Concilconducted a workshop on 12th Feb 2019. The Chief Guest **Dr. George Sleeba, Executive Director, K. Chittitappilly**inaugrated the week by a Flag hoisting ceremony.**Dr. M. Bhasi, Professor, School of Management Studies, Cochin University of Science and Technology**also presented a talk on the theme.

Kutch Saurashtra Productivity Council organized various talks on the following days:

12th February 2019: "Productivity Day" at Atmiya Institute of Technology & Science, Rajkot 13th February 2019:Training Program for Women was arranged on only for Girls Students ofGovernment Polytechnic, Rajkot

14th February 2019 : Training Program for workers of Industries for Indian Rayon, Veraval 15th& 16thFeb2019:Elocution competition for students

17th February 2019 : Productivity Scooter Rally

18thFebruary 2019:Valedictory function & "UdyogRatna Award Ceremony"

Rajasthan State Productivity Council: The Council organsied following programs during productivity week celebrations:

- Programme at Dept. of Economics Manipal University on Feb 13, 2019 Forenoon
- Seminar at Dept of Hotel Management, Manipal University on Feb 13, 2019 Afternoon
- Talk at PrakritBharati Academy on Feb 14, 2019 Afternoon
- Lecture programme at Taxila Business School on Feb 15, 2019 Forenoon
- Seminar at J.K. Lakshmipat University, Jaipur on Feb 15, 2019 Afternoon
- National Seminar at Swami Keshvanand Institute of Technology, Jaipur on Feb 16, 2019
- Programme at Hotel Shikha Jaipur on Feb 17, 2019
- Programme at Arya Institute of Engineering & Technology, Jaipur on Feb 18, 2019

South Gujarat Productivity Council (SGPC): The following Programs were organized during Productivity Week celebrations:

- 12th February, 2019: (Seminar on Energy & Water Efficient Textiles Processing Technology)
- 13th February, 2019: Visit to Circular Economy Projects at SVNIT
- 14th February, 2019: Visit to Shree NalandaGurukulVidhyalaya, Surat
- 15th February, 2019: Workshop on E Vehicle Tesla & Mahindra
- 16th February, 2019: Seminar on Industry 4.0 & Algo Trading
- 18th February, 2019: Seminar on Circular Economy in Construction Industry

PROJECTS

Project on People Capability Maturity Model for National Textile Corporation Ltd. (P-CMM Model)

HRM Group of NPC successfully completed the assessement of National Textile Corporation, New Delhi on PCMM Model.

All CMMs are constructed with **Five Levels of Maturity**. A maturity level is an evolutionary plateau at which one or more domains of the organization's processes have been transformed to achieve a new level of organizational capability. A maturity level consists of related practices for a predefined set of process areas that improve the organization's overall performance. Thus, an organization achieves a new level of maturity when a system of practices has been established or transformed to provide capabilities.

The existing System and Practices were assessed on developed Check-points as Fully Compliant, Largely Compliant, Partially Compliant and Initial Stage whereas Compliant means Implemented, Conformed**OR**fulfilled and Initial Stage denote that it is at the Decision-making Process, planning stage or Awaiting the Top Management Approval. These Levels are important for Organizations Performance and Optimum Utilization of Manpower which could make the organization a Centre of Excellence.

5S Certification audit for 8 IOCL Marketing divisions Terminal

NPC has initiated a National 5S Certification scheme to develop and sustain a productivity culture across country which encompasses high quality housekeeping & physical environment at the workplace. This Scheme is meant to be the vehicle to foster, motivate, recognize and certify Excellence in '5S' implementation for visibly demonstrating both progress and compliance. NPC awards certificate for 5 categories depending on the overall score obtained by the organization during the audit

NPC has conducted 5S Certification audit for 8 IOCL Marketing divisions Terminal across the country namely Bangalore, Barauni, Delhi, Mangalore, Mumbai, Patna, Panipat & Pune. These terminals have been awarded certificates in the category of "श्रेष्ठ", "उत्तम", "उत्कृष्ट", "उत्तम" respectively. In this audit various aspects such as organisational structure & approach for 5S Implementation, No. of Kaizen implemented, SOPs available and their compliance, Promotion Activity and Appreciation to the workers, Equipment Arrangement & up keeping, Floor Visual Control, Aisles,File Arrangement & Record Management, Safety & Fire Fighting System etc. were seen and areas covered include administration & Office Area, TLF & Tank Form Area, Store and General Area, Safety & Security etc.



TRAINING PROGRAMS

Residential Training Program on "Team Building and Leadership Skills" from 4th - 8thMarch, 2019 at Ooty

With the multi-fold objective of improving leadership skills and encouraging collaborative effort within teams, a residential training program of 5 days on "**Team Building and Leadership Skills**" was held at Ooty from 4th to 8th March, 2019. The participants were middle/senior professionals from organizations of repute like NTPC Ltd., Artificial Limbs Manufacturing Corporation of India, Management Development Institute, Power Finance Corporation Ltd., and General Insurance Corporation Ltd.

The team building & Leadership programs was packed full of case studies, experiential exercises, useful teamwork training exercises, tips and techniques to help new and experienced managers tread the steady route of becoming successful managers and team leaders. Dr S.P. Verma&DrNitinAggrawal, Group Head (HRM) were the core faculties. The feedback was collected online at the end of the workshop.



Training Program on "Vigilance as A Management Tool" from 28th Jan to 1st Feb, 2019 at Kanyakumari

A Training Program was conducted on "Vigilance as a Management Tool" at Kanyakumari, during 28thJanuary to 1st February 2019. The objective of this training programmeto cover the Basic concepts & terms of Vigilance, Vigilance Mechanism, Understanding Corruption-Definition type, causes, Formulation and adoption of vigilance policy. The participant will also learn Do &Do not of public servant and role of CBI, CVO, and CVC.

Participants from various government institutes like Institute Western Railway, Ministry OfPanchayatiraj, Southern Railway, ICMR-National Institute of nutrition etc. Central Public Sector likeMahandi Coalfields Limitedattended the programme.



Training Program on Top Management Safety Leadership from 7-11 Jan, 2019

A Trainign Program was conducted from 7th -11th January 2019 atPortblair to inculcate cultural change and Safety Orientation at all levels in the organization and to equip Top Management with tools and techniques of Safety Management. A mix group of participants were present from organizations like ISRO, Indian Air Force, Indian NAVY, PESO.

"Learning never exhausts the mind"

WORKSHOPS

Three day program on Gender Sensitization and Sexual Harassment at Work Place during 20th -22nd Feb 2019

NPC had organised a three days programme on "Gender Sensetization and Sexual Harassment at Work Place" during 20th- 22thFebruary 2019, at AIP Chennai.TheProgramme aims at equipping the participants for prevention and redressal of sexual harassment in organisation and equip organisation to prevent sexual harassment. It will also equip top management in designing a system of handling complaints related to sexual harassment incidents as per Vishaka guidelines and sexual harassment of women at workplace (Prevention, Prohibition and Redressal) Act, 2013.The participants are from various institutes like Coir Board, National Institute of Sidha, ONGC, IOCL, Ministry of health &Family welfare, Security paper mill, Southern Railway, West Central Railway ,AFMC Pune etc.



One Day workshop on "Goods & Services Tax (GST)- Issues & Challenges" on 28th March, 2019 at NPC, HQ, New Delhi

HRM Group of NPC, New Delhi organized a one day workshop on "Goods & Services Tax (GST) - Issues & Challenges" to provide a learning opportunity for organizations and individuals involved in the implementation of GST. **Dr. Amita Prasad, DG, NPC** inaugurated the workshop and highlighted the significance of GST as major tax reform & its transformative impact on indirect tax system.

Shri Ν. Sharma, IAS (Rtd), Chairman, GST National Anti-profiteering Β. Authoritydeliberated on the GST issues & challenges and Shri Prakash Kumar, IAS, CEO of Goods and Services Tax Network highlighted the role of GSTN, its maturity and support services to Central & State Governments, tax payers & stakeholders.CA Mohit Gupta & CA KamakshiKhandelwal demonstrated concepts of registration & returns of GST, TDS under GST and Annual Return etc. Total of 73 participants from various government as well as private organizations/Institutes have attended the workshop.





Workshop on Sales force Productivity held from 23rd to 25th January 2019 at AIP Chennai

NPC, Chennai had organised a three days workshop for the frist time on "Sales force Productivity" during23rd- 25thJanuary2019, at AIP, Chennaito exponentially improve the productivity and efficiency of the sales team with a completely fresh outlook and content. The workshop equipped the participants with well researched and practiced HIGH IMPACT models, impact tools and methodologies which will help the sales team to transform the way they looks at markets and customers and increase their success rate from prospecting to closing.

The faculty for this workshop **Shri Jayaprakash**, is a Management and strategy Consultant, Corporate Trainer. Jay has more than 25 years of hands-on sales, marketing and technology management expertise in 40 + countries across Asia, The Middle East, Europe and Africa. The participants are from sales and marketing division, circulation department of Heritage Foods Limited,Hyderabad, Keyem steel re-rolling mill,Kannur and The Mathurbhumi Printing and Publishing Company,Kozhikode.



One day workshop on "Efficient Operation and Maintenance in Boiler" held on 12th Feb 2019

NPC Bhubaneshwar organized a One day intensive training programme on "Efficient Operation and Maintenance in Boiler" sponsored by Central Boiler Board, Ministry of Commerce and Industry, Government of Indiaon 12.02.2019 at Department of Electrical & Electronics Engineering, Siksha 'O' Anusandhan University (Deemed to be University), Bhubaneswar, Odisha. The objective of this workshop is to create an appropriate forum for deliberation on the techniques on effective operation and maintenance of the steam generating system to achieve desired performance with a view to obtain reduced energy input.

Three days program on Great Workplace Habits and Manners

NPC organised a three days programme on "Great workplace habits and manners" for Power Grid Corporation of India Ltd., Sundergarh Substation during 25th -27th February 2019. The Programme aimed to equip the participants for how participants present themselves and conduct themselves at work has a big impact on performance and on all of those with whom interact. Thinking in same line this training programme have covered topics like team work and collaboration,Positive Attitude, Office Etiquettes,Leadership,Effective Business Communication andTime and Stress Managementetc to equip participants with how best Great workplace habits and manners can be achieved.



Half Day workshop on "Women's Safety& Self Defense" on 8th March, 2019 at NPC, HQ, New Delhi

To empower women and foster a safe environment for women professionals at workplace, HRM Group at NPC hosted a special workshop on "Women's Safety& Self Defense" on the occasion of **International Women's Day on March 8, 2019.**The workshop was inaugurated by **Dr. Amita Prasad, IAS, DG NPC**. Total of 43 women professionals from various government as well as private organizationsattended the workshop.The session covered Success stories on Women Empowerment, key areas of concern for women at the workplace, live demonstration on Self Defence techniques to the women employee, understanding the related legislation and the steps that can be taken by organizations to mitigate future risks. The workshop also helped in sensitizationto Gender Issues& women equality, Self Defence and Rights of Womenin India in Indian constitution through special sessions by renowned psychologist, Professional Martial Art trainer and an Advocate.



Implementation of Energy Conservation Building Code (ECBC) on 16th Jan 2019

Workshop on "Implementation of Energy Conservation Building Code (ECBC) for Stakeholders of Odisha" sponsored by State Designated Agency, Department of Energy Odishawas conducted on 16.01.2019 at Bhubaneswar. The program was inaugurated by Commissioner-cum-Secretary Department of Energy Govt of Odisha. The Stakeholders workshop was attended by 80 officers of various departments of Govt. of Odhisha.

The Stakeholders workshop was attended by 80 officers of various departments of Govt. of Odhisha.Engineering in Chief & State Designated Agency, Govt. of Odisha constantly strives to propagate Energy Conservation and Energy Efficiency practices to every corner of the state. In view of capacity building on Energy Conservation Building Code (ECBC) for stakeholders of Odisha the EIC (E)-Cum-PCEI & SDA ODISHA has organisedthisprogramme at hotel The New Marrion, Bhubaneswar on 16th January 2019.

Date

13-16 May, 2019

Venue

Chennai



S.

No. 1

Behaviour Based Safety

2 Kolkata Industrial Internet of Things: A gateway to Digital Factory 13-17 May, 2019 3 Management Development Program (Stress Management Delhi 27-28 May, 2019 & Conflict Resolution Strategies) 4 Jammu Six (6) Waste Management Rules 2016 27-28 May, 2019 5 Workshop on Waste to Profit through 3R 27-28 May, 2019 Kanpur 6 Productivity enhancement through Lean Manufacturing 27-28 May, 2019 Mumbai Techniques 7 Patna **Basic Productivity Tools and Techniques** 27-28 May, 2019 8 Seminar on "ISO 9001, ISO 14001 and ISO 45001" 27-29 May, 2019 Guwahati 9 Building Organizational Excellence in Digital Era 27-31 May, 2019 Gangtok 10 Vigilance for Organizational Efficiency 27-31 May, 2019 Raipur 11 Lean and Six Sigma for Organizational Growth 27-31 May, 2019 Ahmedabad Port Blair 12 Managing People at work place in digital age with special 27-31 May, 2019 reference to Society 5.0 & Industry 4.0 13 Preventive Vigilance & e-Procurement: Key to Good 27-31 May, 2019 Mount Abu Governance 14 5 S – A tools for Good House Keeping Practices 27-31 May, 2019 Mussorie 15 Management Development Program (Decision Making and 27-31 May, 2019 Lucknow Problem Solving) 16 Productivity enhancement through Lean Manufacturing Gangtok 27-31 May, 2019 Techniques 17 Workshop on Waste to Profit through 3R 29 - 30 May, 2019 Puri/Chilika 18 Six (6) Waste Management Rules 2016 29-30 May, 2019 Dindigul 19 Six (6) Waste Management Rules 2016 29-30 May, 2019 Imphal

UPCOMING TRAINING PROGRAM

MAY

Title of Programme

JUNE				
S. No.	Title of Programme	Date	Venue	
1	Programme on "Information Security and Ethical Hacking	03-04 June, 2019	Ooty	
2	Digital Workplace : Essentials for non-IT Executives	03-04 June, 2019	Delhi	
3	Effective Office Management & Administration and General Financial Rules & CCS Rules, Noting and Drafting, Vigilance Management	03-07 June,2019	Shimla	
4	Six (6) Waste Management Rules 2016	03-04 June, 2019	Tuticorin	
5	Six (6) Waste Management Rules 2016	06-07 June, 2019	Dimapur	
6	5 S and its successful implementation	06-07 June, 2019	Ahmedabad	
7	Process Safety Management System in chemical industries	10-11 June, 2019	Vadodara	
8	Integrating Lean Manufacturing System & Industry 4.0 Concepts	10-11 June, 2019	Delhi	
9	Workshop on Waste to Profit through 3R	10-11 June, 2019	Aizawl	
10	5 S – A tools for Good House Keeping Practices	10-11 June, 2019	Agartala	
11	Productivity enhancement tools and techniques	10-14 June, 2019	Shillong	
12	Management Development Program (Developing Leadership Skills for Effective Teamwork)	10-14 June, 2019	Shimla	

For further details please <u>Clik here</u>

<u> </u>	JUNE	Data	Manua
S. No.	Title of Programme	Date	Venue
13	Inventory control & Supply Chain Management	10-14 June, 2019	Puri
14	Digitization in Organization	10-14 June, 2019	Bhubaneswar
15	5 S – A tools for Good House Keeping Practices	10-12 June, 2019	Jaipur
16	Management Development Program on Transformational Leadership & Managing Change	10- 14 June, 2019	Udaipur
17	5 S –A tools for Good House Keeping Practices	10-11 June, 2019	Aurangabad
18	Energy Audit for improved efficiency	11-12 June, 2019	Ranchi
19	Six (6) Waste Management Rules 2016	12-13 June, 2019	Mangalore
20	Integrating Lean Manufacturing System and Industry 4.0	12-14 June, 2019	Vishakhapatnam
21	Train the Trainers on 5S	13-14 June, 2019	Chennai
22	Advanced Energy Management Course for Energy Managers and Auditors	13-14 June, 2019	Chennai
23	Conflict Resolution and Strategic Financial Management	17-21 June, 2019	Leh
24	Management Development Program (Performance Management)	17-18 June, 2019	Delhi
25	Digital Workplace : Essentials for non-IT Executives	17-21 June, 2019	Shillong
26	Inventory control & Supply Chain Management	17-21 June, 2019	Mysore
27	Modern Office Management and Performance Management	17-21 June, 2019	Dharamshala
28	Advance Course On Secretarial Effectiveness : Capacity Building	18 – 22 June, 2019	Mount Abu
29	Six (6) Waste Management Rules 2016	19-20 June, 2019	Thrissur
30	Spare Parts Management & Inventory Control	19-21 June, 2019	Chandigarh
31	Energy conservation & audit in electrical utilities	24-26 June, 2019	Puri
32	Management Development Program (Work Life Balance)	24-28 June, 2019	Darjeeling
33	Internal Auditing based on ISO 9001, ISO 14001 & ISO 45001	24-28 June, 2019	Mysore
34	Modern Management Practices for improving organizational performance	24- 28 June, 2019	Dharamshala
35	Productivity Improvement through Team Building and Effective Communication	24-28 June, 2019	Tezpur
36	Internet of Things (IoT) for Energy Efficiency in Buildings & Industries	24-28 June, 2019	Hyderabad
37	Smart Governance: Excellence in Citizen/ customer centric Public Service Delivery	24-28 June, 2019	Mount Abu
38	Smart Manufacturing System	24-28 June, 2019	Nainital
39	Process Safety Management System	24-28 June, 2019	Digha
40	Six (6) Waste Management Rules 2016	26-27 June, 2019	Kandla
41	Advanced Tools for Quality Environment and Safety	26-28 June, 2019	Bhubaneswar
42	Management Development Program (Leadership & Teamwork for Performance Excellence)	27-28 June, 2019	Delhi



For further details please <u>Clik here</u>

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LATEST NEWS

National Certificate In Supervision Examinations (NCS) – 2019 Last date for receipt of application: 31st May 2019

Recognizing the need to educate the Supervisors, both prospective and working, National Productivity Council (NPC), launched a scheme of NCS in 1970. The objective has been to ensure a uniform professional standard in respective supervisory developmental activities. An annual examination is conducted under the scheme and the syllabus primarily concentrates on the practical applications of the theoretical principles. The examination has been widely accepted and at present it is being conducted in English as well as Hindi. So far 75000 candidates registered for the certificate.

Read more: <u>http://www.npcindia.gov.in/itf_event/ncs-2016-download-prospectus-</u> application-form-hall-ticket-ecc-form/

5 'S' Certification Scheme

NPC has initiated a National 5 'S' Certification scheme to develop and sustain a productivity culture across country which encompasses high quality housekeeping & physical environment at the workplace. This Scheme is meant to be the vehicle to foster, motivate, recognize and certify Excellence in 5 'S' implementation for visibly demonstrating both progress and compliance.

Read more & apply: https://5s.npcgandhinagar.in/

- > Call for Research Articles for Productivity Journal Read more....
- Call for articles for Productivity Research Book has been extended to 15th May 2019. Read more...