



Media Coverage Report
**The Inauguration of UTPRERAK
Building**
26 June 2023



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Online Coverage



Infinity Web:

Bureau of Energy Efficiency sets up demonstration centre to advance clean tech



The centre aims to develop emerging technologies, including hydrogen, Carbon Capture, Usage and Storage, and solar thermal, to support the decarbonization efforts in these sectors

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Devdiscourse:

UTPRERAK will help improve energy efficiency of Indian industry: Krishan Pal



GOVERNMENT OF INDIA
MINISTRY OF POWER

The Centre is mandated to become the key reference and resource institution on industrial energy-efficient technologies.

The Ministry of Power, Government of India has set up a dedicated Centre of Excellence to accelerate industry adoption of clean technologies and thus scale up India's contribution to the global energy transition. Named UTPRERAK, short for Unnat Takniki Pradarshan Kendra, the Centre of Excellence to Accelerate Adoption of Energy Efficient Technologies seeks to play a catalytic role in improving energy efficiency of Indian industry. The Centre, named otherwise as Advanced Industrial Technology Demonstration Centre (AITDC), has been set up by the Bureau of Energy efficiency (BEE), Ministry of Power, at the Badarpur, New Delhi campus of the National Power Training Institute (NPTI), Ministry of Power. Union Minister of State for Power, Shri Krishan Pal inaugurated the Centre at NPTI Badarpur, New Delhi today, June 26, 2023.

The Centre is mandated to become the key reference and resource institution on industrial energy-efficient technologies. As its name indicates, the Advanced Industrial Technology Demonstration Centre will demonstrate and showcase energy-efficient technologies in key industry sectors. It will act as an exhibition cum information centre and knowledge repository. It will be a knowledge exchange platform, where best practices from across various key sectors could be diffused among industry professionals through workshops and seminars.

UTPRERAK will also serve as a strategic capacity-building institution and seeks to be a one-stop solution provider for energy professionals from across India for trainings and education in energy efficiency. It is expected to provide intensive training to more than 10,000 energy professionals from the industry and other potential sectors over the next five years.

Besides these, the Centre envisages to also provide key inputs for national energy policy formulation, link education and research in energy-efficient solutions, and develop innovative applied solutions for energy efficiency.

“Adoption of Advanced Technologies Key to becoming Developed Nation by 2047”

Inaugurating the Unnat Takniki Pradarshan Kendra, the Union Minister of State for Power Krishan Pal underlined the necessity of adoption of advanced technologies in order to help realize the Prime Minister's dream of making India a developed nation by the year 2047. Noting that the government has introduced Production Linked Incentive Schemes in various sectors for this very purpose, the Minister said that the latest technologies are necessary for us to progress and to compete in the global market. “There is a need to manufacture good technology at low cost. UTPRERAK will play an important role in improving energy efficiency of Indian industry; moreover, saving energy will help not just industry, but the nation as well.”

On the occasion, the Union Minister unveiled the logo of the Centre and released the brochure on the Centre.

“Energy Efficient Technologies Key to Achieving India's Emission Reduction Targets under NDCs”

Secretary, Ministry of Power, Alok Kumar highlighted the crucial role which energy-intensive technologies need to play in meeting India's greenhouse gas emission reduction commitments under Nationally Determined Contributions (NDCs). “At COP 26 in Glasgow, the Prime Minister of India announced updated NDCs for India, one of which is cutting down India's carbon dioxide emissions by 1 billion tons during the period 2020 – 2030. About half of this will come from deeper penetration of renewable energy, while the remaining half will come from energy-efficiency measures. The flagship Perform, Achieve and Trade (PAT) programme of BEE has been commended all over the world. In the initial cycles of PAT programme, energy efficiency margins were squeezed by better maintenance practices. Going forward, we need to introduce new technologies in our industries, which are highly energy-intensive, in sectors such as Iron & Steel, Cement, Paper, Chlor-Alkali and Textiles.”

“Going to roll out Indian Carbon Market Very Soon”

The Power Secretary said that the Centre should play a key role in helping the industry meet emission intensity reduction targets. “India is going to roll out Indian carbon market very soon, the thought is that we will give emission intensity reduction targets to the industry. To enable them to achieve these targets, we need to promote and handhold our industries in the adoption of these new technologies. UTPRERAK is to be seen in the context of this big endeavour.”

Speaking about the systems needed to make the Centre a success, the Secretary expressed the need for a Steering Committee and an Advisory Body. “To drive value out of the centre, we need to ensure that its facilities are maintained and upgraded continuously. While the Ministry of Power will allocate sufficient funds under the budget for BEE, we need to have a Steering Committee which will meet at the Centre itself, recommend necessary activities and supervise activities so that the centre is maintained well. Second, we need to see how to bring stakeholders together on this platform, so that the core objectives of the centre to disseminate technologies and accelerate their deployment by industry are achieved. Stakeholders include new engineers, energy managers, energy auditors, decision makers and manufacturers of energy efficient technologies. To bring all of them together, we should have an Advisory Body comprising industry and other stakeholders who will guide the centre in how its activities will be taken forward.”

“Success of Centre should be judged by Rate of Industry Adoption of Energy-Efficient Technologies”

The Secretary said that what is most important is knowledge exchange and information sharing at the centre. “The major role would be in interacting with industry and exchanging knowledge so that technologies are deployed. The success of this centre should be judged by the rate at which technologies are deployed in the field. Lastly, once the technologies reach a level of penetration and dissemination, they should be graduated out and we should target new technologies, the Centre should be dynamic, not static.”

The centre consists of three demo halls for demonstration of technologies for five PAT sectors to begin with, namely Iron & Steel, Cement, Paper, Chlor-Alkali and Textiles. Various energy-efficient technologies such as pre-processing systems for alternative fuels and raw materials, arrangement for feeding alternative fuels and raw materials into the kiln calciner (co-processing) and waste heat recovery systems are displayed in these rooms. The centre also has two lecture halls for training and education activities, such as learning sessions for energy professionals.

Under the guidance of BEE, the Centre will undertake collaboration and technology transfer on advanced technologies with institutes across the

world. BEE would collaborate with various research institutions such as Indian Institutes of Technology (IITs), National Council for Cement and Building Materials (NCCBM), Central Pulp & Paper Research Institute (CPPRI), National Institute of Secondary Steel Technology (NISST), Jawaharlal Nehru Aluminium Research Development and Design Centre (JNARDDC), South India Textile Research Association (SITRA) and Northern India Textile Research Association (NITRA), etc., for carrying out research activities at the centre, which could in turn be demonstrated in plants after successful completion of R&D projects.

The Centre will also operate as a Regional Hub for conducting Research and Development activities for clean energy technologies in identified sectors (other energy-intensive sectors will be included subsequently). Emerging technologies such as Carbon Capture, Usage and Storage (CCUS) can be developed for the decarbonization of these sectors. When fully functional, it will have state-of-the-art facilities for networking, conferencing, training, and information dissemination on energy-efficient technologies.

On the occasion, a Memorandum of Understanding has been signed for collaboration between BEE and NPTI.

Additional Secretary, Ministry of Power, Ajay Tewari; DG, Bureau of Energy Efficiency, Abhay Bakre; DG, NPTI, Dr. Tripta Thakur; DDG, BEE, Dr. Ashok Kumar and Economic Advisor, Ministry of Power, Jitesh John were also present at the launch event, besides officers of BEE, NPTI and the media.

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PSU Watch:

Union Minister Krishan Gurjar urges industry to adopt advance tech to become competitive



Union Minister Krishan Pal Gurjar on Monday urged the industry to adopt advanced technologies for their operations in order to compete at the global level

Published on

New Delhi: Union Minister Krishan Pal Gurjar on Monday urged the industry to adopt advanced technologies for their operations in order to compete at the global level. The Minister of State (MoS) for Power was speaking at the inauguration of 'Advance Industrial Technology Demonstration Centre' at National Power Training Institute (NPTI) at Badarpur. "Advance technology is a must for the growth of the country. Today, if we have to compete with the world, we will have to adopt

advanced technologies," Gurjar, who is also the MoS for Heavy Industries, said.

Reduced consumption of energy will bring production cost of various industries

Reduced consumption of energy will bring the production cost of various industries and help them to compete in the market, he said. NPTI Director General (DG) Tripta Thakur said that industries like iron and steel, cement, pulp and paper, and textile together contribute around 30 percent to the total commercial energy consumption in India.

Institute under guidance of the Ministry of Power will educate on best practices

"The institute under the guidance of the Ministry of Power will educate on best practices and technologies to these sectors to help them adopt energy-efficient solutions which will result in the reduction of energy consumption," she said. The centre inaugurated has been set up by the Bureau of Energy Efficiency (BEE), under the Ministry of Power.

PSU Watch – India's Business News centre that places the spotlight on PSUs, Bureaucracy, Defence and Public Policy is now on Google News. Click to follow. Also, in your Telegram. You may also follow us on and stay updated.)

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Republic World:

Industries Should Adopt Advanced Technologies To Compete Globally, Says Krishan Pal Gurjar



Advanced technologies and reduction in energy consumption are the factors that will drive the industry in India further.

Union Minister Krishan Pal Gurjar on Monday urged the industry to adopt advanced technologies for their operations in order to compete at the global level.

The Minister of State (MoS) for Power was speaking at the inauguration of 'Advance Industrial Technology Demonstration Centre' at National Power Training Institute (NPTI) at Badarpur here.

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End of dialog window.

"Advance technology is a must for the growth of the country. Today, if we have to compete with the world, we will have to adopt advanced technologies," Gurjar, who is also the MoS for Heavy Industries, said.

Reduced consumption of energy will bring the production cost of various industries and help them to compete in the market, he said.

NPTI Director General (DG) Tripta Thakur said industries like iron and steel, cement, pulp & paper, and textile together contribute around 30 per cent to the total commercial energy consumption in India.

"The institute under the guidance of the Ministry of Power will educate on best practices and technologies to these sectors to help them adopt energy-efficient solutions which will result in the reduction of energy consumption," she told PTI.

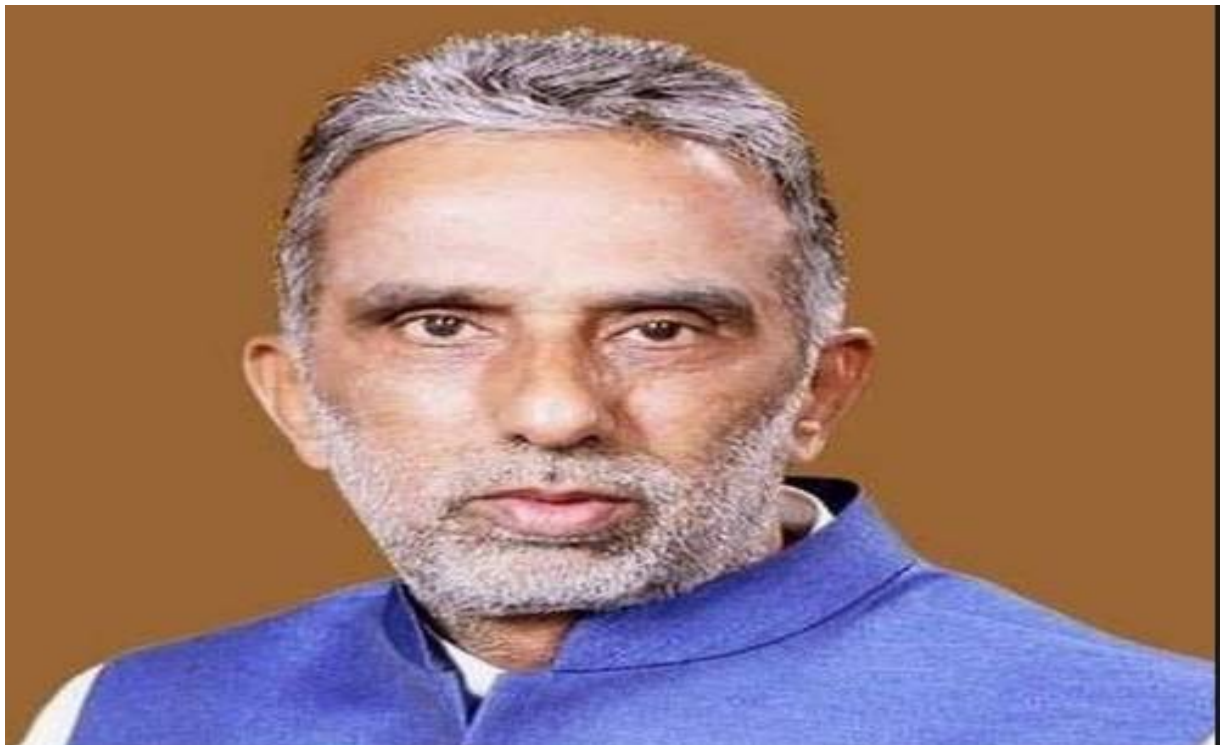
The centre inaugurated has been set up by the Bureau of Energy Efficiency (BEE), under the Ministry of Power.

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Devdiscourse:

Union Minister Krishan Gurjar urges industry to adopt advance tech to become competitive



Union Minister Krishan Pal Gurjar on Monday urged the industry to adopt advanced technologies for their operations in order to compete at the global level. The Minister of State MoS for Power was speaking at the inauguration of Advance Industrial Technology Demonstration Centre at National Power Training Institute NPTI at Badarpur here. Advance technology is a must for the growth of the country.

Union Minister Krishan Pal Gurjar on Monday urged the industry to adopt advanced technologies for their operations in order to compete at the global level.

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"Advance technology is a must for the growth of the country. Today, if we have to compete with the world, we will have to adopt advanced technologies," Gurjar, who is also the MoS for Heavy Industries, said.

Reduced consumption of energy will bring the production cost of various industries and help them to compete in the market, he said.

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The centre inaugurated has been set up by the Bureau of Energy Efficiency (BEE), under the Ministry of Power.

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Outlook:

Union Minister Krishan Gurjar Urges Industry To Adopt Advance Tech To Become Competitive

Union Minister Krishan Pal Gurjar on Monday urged the industry to adopt advanced technologies for their operations in order to compete at the global level.

The Minister of State (MoS) for Power was speaking at the inauguration of 'Advance Industrial Technology Demonstration Centre' at National Power Training Institute (NPTI) at Badarpur here.

"Advance technology is a must for the growth of the country. Today, if we have to compete with the world, we will have to adopt advanced technologies," Gurjar, who is also the MoS for Heavy Industries, said.

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The centre inaugurated has been set up by the Bureau of Energy Efficiency (BEE), under the Ministry of Power.

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My Times Now:

Bureau of Energy Efficiency sets up demonstration centre to advance clean tech



The centre aims to develop emerging technologies, including hydrogen, Carbon Capture, Usage and Storage, and solar thermal, to support the decarbonization efforts in these sectors

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Mint:

Bureau of Energy Efficiency sets up demonstration centre to advance clean tech



Active Stocks The centre aims to develop emerging technologies, including hydrogen, Carbon Capture, Usage and Storage, and solar thermal, to support the decarbonization efforts in these sectors

New Delhi: In a significant step towards promoting clean technologies and addressing the urgent need for energy efficiency in various industry sectors, the Bureau of Energy Efficiency (BEE) has established a demonstration centre under the guidance of the ministry of power.

The centre aims to enhance capacity-building efforts and serve as a one-stop solution provider for energy professionals across India. Furthermore, it will facilitate knowledge exchange, disseminate best practices, and provide crucial inputs for national energy policies.

The Unnat Takniki Pradarshan Kendra, located at the National Power Training Institute (NPTI) in Badarpur, New Delhi, was inaugurated by Minister of state for power and heavy industries, Krishan Pal.

The centre aims to develop emerging technologies, including hydrogen, Carbon Capture, Usage and Storage (CCUS), and solar thermal, to support the decarbonization efforts in these sectors. Additionally, the centre will facilitate technology information sourcing and showcase energy-efficient technologies.

Highlighting the importance of the demonstration centre, Krishan Pal emphasized its alignment with Prime Minister Narendra Modi's vision to promote technological innovation and sustainable business practices in India. The centre is expected to support major industrial sectors in their efforts to achieve energy efficiency while contributing to the country's economic growth.

Alok Kumar, Secretary of the Ministry of Power, expressed his satisfaction in dedicating this modern demonstration centre to the nation. He emphasized that the centre would play a pivotal role in promoting energy conservation and sustainable practices across five key sectors: Cement, Iron & Steel, Pulp & Paper, Textile, and Chlor-Alkali.

"By improving access to modern energy efficiency services, technologies, and knowledge, the centre will act as a nodal point for showcasing non-working models of proven technologies identified under the Perform, Achieve, and Trade (PAT) scheme of the BEE," he added.

The demonstration centre comprises three demo halls and two lecture halls. Each demo room is dedicated to specific sectors: the ground floor for the cement sector, the first floor for the Iron & Steel and Pulp & Paper sectors, and the second floor for the Textile and Chlor-Alkali sectors. These rooms showcase various energy-efficient technologies, including alternative fuels and raw materials pre-processing systems, feeding arrangements for kiln calciners, and waste heat recovery solutions.

The centre will collaborate with international institutes for technology transfer and advanced research collaborations. Once fully functional, the centre will provide state-of-the-art facilities for networking, conferences,

training programs, and information dissemination on energy-efficient technologies.

In addition to training initiatives, the centre will operate as a regional hub for conducting research and development activities in clean energy technologies for the identified sectors. Collaborations with prominent research institutions such as the Indian Institute of Technology (IIT), National Council for Cement and Building Materials (NCCBM), Central Pulp & Paper Research Institute (CPPRI), National Institute of Secondary Steel Technology (NISST), Jawaharlal Nehru Aluminium Research Development and Design Centre (JNARDDC), South India Textile Research Association (SITRA), and Northern India Textile Research Association (NITRA) will drive research projects.

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Knowledia:

Bureau of Energy Efficiency sets up demonstration centre to advance clean tech | Mint



The centre aims to develop emerging technologies, including hydrogen, Carbon Capture, Usage and Storage, and solar thermal, to support the decarbonization efforts in these sectors

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Business Journal:

Bureau of Energy Efficiency sets up demonstration centre to advance clean tech-Business Journal



New Delhi: In a big step in direction of selling clean applied sciences and addressing the pressing want for vitality effectivity in numerous trade sectors, the Bureau of Energy Efficiency (BEE) has established a demonstration centre beneath the steerage of the ministry of energy.

The centre goals to improve capacity-building efforts and function a one-stop resolution supplier for vitality professionals throughout India. Furthermore, it would facilitate data trade, disseminate finest practices, and supply essential inputs for nationwide vitality insurance policies.

The Unnat Takniki Pradarshan Kendra, situated on the National Power Training Institute (NPTI) in Badarpur, New Delhi, was inaugurated by Minister of state for energy and heavy industries, Krishan Pal.

The centre goals to develop rising applied sciences, together with hydrogen, Carbon Capture, Usage and Storage (CCUS), and photo voltaic thermal, to help the decarbonization efforts in these sectors. Additionally, the centre will facilitate know-how info sourcing and showcase energy-efficient applied sciences.

Highlighting the significance of the demonstration centre, Krishan Pal emphasised its alignment with Prime Minister Narendra Modi's imaginative and prescient to promote technological innovation and sustainable enterprise practices in India. The centre is anticipated to help main industrial sectors of their efforts to obtain vitality effectivity whereas contributing to the nation's financial progress.

Alok Kumar, Secretary of the Ministry of Power, expressed his satisfaction in dedicating this contemporary demonstration centre to the nation. He emphasised that the centre would play a pivotal position in selling vitality conservation and sustainable practices throughout 5 key sectors: Cement, Iron & Steel, Pulp & Paper, Textile, and Chlor-Alkali.

“By improving access to modern energy efficiency services, technologies, and knowledge, the centre will act as a nodal point for showcasing non-working models of proven technologies identified under the Perform, Achieve, and Trade (PAT) scheme of the BEE,” he added.

The demonstration centre includes three demo halls and two lecture halls. Each demo room is devoted to particular sectors: the bottom ground for the cement sector , the primary ground for the Iron & Steel and Pulp & Paper sectors, and the second ground for the Textile and Chlor-Alkali sectors. These rooms showcase numerous energy-efficient applied sciences, together with different fuels and uncooked supplies pre-processing techniques, feeding preparations for kiln calciners, and waste warmth restoration options.

The centre will collaborate with worldwide institutes for know-how switch and superior analysis collaborations. Once absolutely practical, the centre will present state-of-the-art services for networking, conferences, coaching applications, and data dissemination on energy-efficient applied sciences.

In addition to coaching initiatives, the centre will function as a regional hub for conducting analysis and growth actions in clean vitality applied sciences for the recognized sectors. Collaborations with distinguished analysis establishments such because the Indian Institute of Technology (IIT), National Council for Cement and Building Materials (NCCBM), Central Pulp & Paper Research Institute (CPPRI), National Institute of Secondary Steel Technology (NISST), Jawaharlal Nehru Aluminium Research Development and Design Centre (JNARDDC), South India Textile Research Association (SITRA), and Northern India Textile Research Association (NITRA) will drive analysis tasks.

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Delly Ranks:

Bureau of Energy Efficiency sets up demonstration centre to advance clean tech



New Delhi: In a significant step towards promoting clean technologies and addressing the urgent need for energy efficiency in various industry sectors, the Bureau of Energy Efficiency (BEE) has established a demonstration centre under the guidance of the ministry of power.

The centre aims to enhance capacity-building efforts and serve as a one-stop solution provider for energy professionals across India. Furthermore, it will facilitate knowledge exchange, disseminate best practices, and provide crucial inputs for national energy policies.

The Unnat Takniki Pradarshan Kendra, located at the National Power Training Institute (NPTI) in Badarpur, New Delhi, was inaugurated by Minister of state for power and heavy industries, Krishan Pal.

The centre aims to develop emerging technologies, including hydrogen, Carbon Capture, Usage and Storage (CCUS), and solar thermal, to support the decarbonization efforts in these sectors. Additionally, the centre will facilitate technology information sourcing and showcase energy-efficient technologies.

Highlighting the importance of the demonstration centre, Krishan Pal emphasized its alignment with Prime Minister Narendra Modi's vision to promote technological innovation and sustainable business practices in India. The centre is expected to support major industrial sectors in their efforts to achieve energy efficiency while contributing to the country's economic growth.

Alok Kumar, Secretary of the Ministry of Power, expressed his satisfaction in dedicating this modern demonstration centre to the nation. He emphasized that the centre would play a pivotal role in promoting energy conservation and sustainable practices across five key sectors: Cement, Iron & Steel, Pulp & Paper, Textile, and Chlor-Alkali.

“By improving access to modern energy efficiency services, technologies, and knowledge, the centre will act as a nodal point for showcasing non-working models of proven technologies identified under the Perform, Achieve, and Trade (PAT) scheme of the BEE,” he added.

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The centre will collaborate with international institutes for technology transfer and advanced research collaborations. Once fully functional, the centre will provide state-of-the-art facilities for networking, conferences,

training programs, and information dissemination on energy-efficient technologies.

In addition to training initiatives, the centre will operate as a regional hub for conducting research and development activities in clean energy technologies for the identified sectors. Collaborations with prominent research institutions such as the Indian Institute of Technology (IIT), National Council for Cement and Building Materials (NCCBM), Central Pulp & Paper Research Institute (CPPRI), National Institute of Secondary Steel Technology (NISST), Jawaharlal Nehru Aluminium Research Development and Design Centre (JNARDDC), South India Textile Research Association (SITRA), and Northern India Textile Research Association (NITRA) will drive research projects.

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India Daily Mail:

Bureau of Energy Efficiency sets up demonstration centre to advance clean tech



modern Delhi: In a vital step in opposition to selling blank applied sciences and addressing the pressing want for calories potency in Numerous

business sectors, the Bureau of Power Potency (BEE) has established an illustration centre below the steering of the ministry of energy.

The centre objectives to toughen capacity-building efforts and function a one-stop answer supplier for calories execs throughout India. Moreover, it's going to facilitate wisdom change, disseminate absolute best practices, and supply Compulsory inputs for nationwide calories insurance policies.

The Unnat Takniki Pradarshan Kendra, positioned on the Nationwide Energy Coaching Institute (NPTI) in Badarpur, modern Delhi, was once

inaugurated via Minister of state for energy and Thick industries, Krishan Friend.

The centre objectives to flourish rising applied sciences, together with hydrogen, Carbon seize, Utilization and Garage (CCUS), and sun thermal, to Promote the decarbonization efforts in those sectors. Moreover, the centre will facilitate generation data sourcing and show off energy-efficient applied sciences.

Highlighting the significance of the demonstration centre, Krishan Friend emphasised its alignment with Top Minister Narendra Modi's imaginative and prescient to advertise technological innovation and sustainable industry practices in India. The centre is anticipated to Promote primary business sectors of their efforts to succeed in calories potency whilst contributing to the rustic's financial enlargement.

Alok Kumar, Secretary of the Ministry of Energy, expressed his delight in dedicating this Unused demonstration centre to the country. He emphasised that the centre would play a pivotal position in selling calories conservation and sustainable practices throughout 5 key sectors: Plaster, Iron & Metal, Pulp & Paper, Textile, and Chlor-Alkali.

“Via making improvements to get entry to to Unused calories potency services and products, applied sciences, and data, the centre will act as a nodal level for showcasing non-working fashions of confirmed applied sciences known below the Carry out, Accomplish, and Business (PAT) scheme of the BEE,” he Joined.

The demonstration centre accommodates 3 demo halls and two lecture halls. Each and every demo room is devoted to express sectors: the bottom ground for the cement sector , the primary ground for the Iron & Metal and Pulp & Paper sectors, and the second one ground for the Textile and Chlor-Alkali sectors. Those rooms show off Numerous energy-efficient applied sciences, together with choice fuels and uncooked fabrics pre-processing programs, feeding preparations for kiln calciners, and waste warmth restoration answers.

The centre will collaborate with global institutes for generation switch and complicated analysis collaborations. As soon as absolutely useful, the centre will supply state of the art amenities for networking, meetings,

coaching systems, and data dissemination on energy-efficient applied sciences.

Along with coaching tasks, the centre will function as a regional hub for carrying out analysis and construction actions in blank calories applied sciences for the known sectors. Collaborations with outstanding analysis establishments such because the Indian Institute of Era (IIT), Nationwide Council for Plaster and Construction Fabrics (NCCBM), Central Pulp & Paper Analysis Institute (CPPRI), Nationwide Institute of Lesser Metal Era (NISST), Jawaharlal Nehru Aluminium Analysis Construction and Design Centre (JNARDDC), South India Textile Analysis Affiliation (SITRA), and Northern India Textile Analysis Affiliation (NITRA) will force analysis initiatives.

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Zee Business:

Union Minister Gurjar urges industry to adopt advance tech to become competitive

Union Minister Krishan Pal Gurjar on Monday urged the industry to adopt advanced technologies for their operations in order to compete at the global level.

The Minister of State (MoS) for Power was speaking at the inauguration of 'Advance Industrial Technology Demonstration Centre' at National Power Training Institute (NPTI) at Badarpur here.

"Advance technology is a must for the growth of the country. Today, if we have to compete with the world, we will have to adopt advanced technologies," Gurjar, who is also the MoS for Heavy Industries, said.

Reduced consumption of energy will bring the production cost of various industries and help them to compete in the market, he said.

NPTI Director General (DG) Tripta Thakur said industries like iron and steel, cement, pulp & paper, and textile together contribute around 30 per cent to the total commercial energy consumption in India.

"The institute under the guidance of the Ministry of Power will educate on best practices and technologies to these sectors to help them adopt energy-efficient solutions which will result in the reduction of energy consumption," she told PTI.

The centre inaugurated has been set up by the Bureau of Energy Efficiency (BEE), under the Ministry of Power.

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NEWS DRUM:

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New Delhi, Jun 26 (PTI) Union Minister Krishan Pal Gurjar on Monday urged the industry to adopt advanced technologies for their operations in order to compete at the global level.

Advertisement

The Minister of State (MoS) for Power was speaking at the inauguration of 'Advance Industrial Technology Demonstration Centre' at National Power Training Institute (NPTI) at Badarpur here.

"Advance technology is a must for the growth of the country. Today, if we have to compete with the world, we will have to adopt advanced technologies," Gurjar, who is also the MoS for Heavy Industries, said.

Reduced consumption of energy will bring the production cost of various industries and help them to compete in the market, he said.

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NPTI Director General (DG) Tripta Thakur said industries like iron and steel, cement, pulp & paper, and textile together contribute around 30 per cent to the total commercial energy consumption in India.

"The institute under the guidance of the Ministry of Power will educate on best practices and technologies to these sectors to help them adopt energy-efficient solutions which will result in the reduction of energy consumption," she told PTI.

The centre inaugurated has been set up by the Bureau of Energy Efficiency (BEE), under the Ministry of Power. PTI ABI ABI MR

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Alive News:

केंद्रीय राज्य मंत्री ने उन्नत तकनीकी प्रदर्शन केंद्र को राष्ट्र को किया समर्पित

Faridabad/Alive News : केंद्रीय भारी उद्योग एवं ऊर्जा राज्य मंत्री कृष्ण पाल गुर्जर ने आज सोमवार को भारत सरकार के विद्युत मंत्रालय के ऊर्जा दक्षता ब्यूरो द्वारा नई दिल्ली बदरपुर में स्थापित उन्नत औद्योगिक प्रौद्योगिकी प्रदर्शन केंद्र (उत्प्रेरक) को राष्ट्र को समर्पित किया।

इस अवसर पर आईएस आलोक कुमार, अजय तिवारी, अतिरिक्त सचिव (विद्युत) भारत सरकार, आशीष उपाध्याय, विशेष सचिव-वित्तीय सलाहकार, विद्युत मंत्रालय, जितेश जॉन, आर्थिक सलाहकार, विद्युत मंत्रालय, बीईई महानिदेशक अभय बाकरे, डॉ. तृप्ता ठाकुर, महानिदेशक, एनपीटीआई, अशोक कुमार उप-महानिदेशक बीईई, डॉ. मंजू माम प्रधान निदेशक, एनपीटीआई कॉरपोरेट कार्यालय, एस.के खंडारे निदेशक बीईई, संस्थान प्रमुख एनपीटीआई-बदरपुर डॉ. इन्दु माहेश्वरी उपस्थित रहे।

केंद्रीय राज्य मंत्री कृष्ण पाल गुर्जर ने कहा कि यह केन्द्र अत्याधुनिक सुविधाओं से सुसज्जित है तथा इसमें स्थापित विशेष प्रयोगशालाओं की श्रृंखला स्टील, सीमेंट, कपड़ा आदि जैसे विभिन्न क्षेत्रों में अनुसंधान और विकास को सक्षम बनाती है। उन्नत औद्योगिक प्रौद्योगिकी प्रदर्शन केंद्र- उत्प्रेरक नवाचार, अनुसंधान एवं विकास की अनवरत कोशिश का साक्षी है। नवीनतम तकनीकों से सुसज्जित और प्रतिभाशाली व्यक्तित्वों की एक टीम द्वारा संचालित इस केंद्र का उद्देश्य ऊर्जा संरक्षण और ऊर्जा दक्षता के क्षेत्र में अभूतपूर्व विचारों को वास्तविकताओं में बदलते हुए सैद्धांतिक अवधारणाओं और व्यावहारिक कार्यान्वयन के बीच एक पुल बनाना है।

उन्होंने कहा कि यह केंद्र ऊर्जा दक्षता और ऊर्जा संरक्षण के क्षेत्र में क्षमता निर्माण को सक्षम बनाएगा और ज्ञान-संग्रहण तथा संगोष्

इस उद्घाटन समारोह में अनेक गणमान्य शासकीय अधिकारी, उद्योग जगत के अग्रणीय और प्रसिद्ध शोधकर्ता तथा एनपीटीआई एवं बीईई के वरिष्ठ अधिकारी, फैकल्टी और स्टाफ सदस्य उपस्थित रहे।

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ET Government:

UTPRERAK to help improve energy efficiency of Indian industry: Union MoS Power Krishan Pal



UTPRERAK will also serve as a strategic capacity-building institution and seeks to be a one-stop solution provider for energy professionals from across India for trainings and education in energy efficiency. It is expected to provide intensive training to more than 10,000 energy professionals from the industry and other potential sectors over the next five years.

Besides, the center envisages to provide key inputs for national energy policy formulation, link education and research in energy-efficient solutions, and develop innovative applied solutions for energy efficiency.

Adoption of advanced technologies key to becoming developed nation by 2047

Inaugurating the Unnat Takniki Pradarshan Kendra, the Union Minister of State for Power Krishan Pal underlined the necessity of adoption of advanced technologies in order to help realize the Prime Minister's dream of making India a developed nation by the year 2047. Noting that the government has introduced production linked incentive schemes in various sectors for this very purpose, the minister said that the latest technologies are necessary to progress and to compete in the global market. "There is a need to manufacture good technology at low cost. UTPRERAK will play an important role in improving energy efficiency of Indian industry. Moreover, saving energy will help not just industry, but the nation as well."

On the occasion, the Union Minister unveiled the logo of the center and released a brochure.

Energy efficient technologies key to achieve India's emission reduction targets under NDCs

Secretary, Ministry of Power, Alok Kumar highlighted the crucial role which energy-intensive technologies need to play in meeting India's greenhouse gas emission reduction commitments under Nationally Determined Contributions (NDCs). "At COP 26 in Glasgow, the Prime Minister of India announced updated NDCs for India, one of which is cutting down India's carbon dioxide emissions by 1 billion tons during the period 2020 – 2030. About half of this will come from deeper penetration of renewable energy, while the remaining half will come from energy-efficiency measures. The flagship Perform, Achieve and Trade (PAT) programme of BEE has been commended all over the world. In the initial cycles of PAT programme, energy efficiency margins were squeezed by better maintenance practices. Going forward, we need to introduce new technologies in our industries, which are highly energy-intensive, in sectors such as Iron & Steel, Cement, Paper, Chlor-Alkali and Textiles."

Going to roll out Indian carbon market soon

The Power Secretary said that the center should play a key role in helping the industry meet emission intensity reduction targets. "India is going to roll out Indian carbon market very soon; the thought is that we will give emission intensity reduction targets to the industry. To enable them to achieve these targets, we need to promote and handhold our

industries in the adoption of these new technologies. UTPRERAK is to be seen in the context of this big endeavour.”

Speaking about the systems needed to make the center a success, the Secretary expressed the need for a steering committee and an advisory body. “To drive value out of the centre, we need to ensure that its facilities are maintained and upgraded continuously. While the Ministry of Power will allocate sufficient funds under the budget for BEE, we need to have a steering committee which will meet at the center itself, recommend necessary activities and supervise activities so that the centre is maintained well. Second, we need to see how to bring stakeholders together on this platform, so that the core objectives of the centre to disseminate technologies and accelerate their deployment by industry are achieved. Stakeholders include new engineers, energy managers, energy auditors, decision makers and manufacturers of energy efficient technologies. To bring all of them together, we should have an advisory body comprising industry and other stakeholders who will guide the centre in how its activities will be taken forward.”

The Secretary said that what is most important is knowledge exchange and information sharing at the center. “The major role would be in interacting with industry and exchanging knowledge so that technologies are deployed. The success of this centre should be judged by the rate at which technologies are deployed in the field. Lastly, once the technologies reach a level of penetration and dissemination, they should be graduated out and we should target new technologies, the Centre should be dynamic, not static.”

The center consists of three demo halls for demonstration of technologies for five PAT sectors to begin with, namely iron & steel, cement, paper, chlor-alkali and textiles. Various energy-efficient technologies such as pre-processing systems for alternative fuels and raw materials, arrangement for feeding alternative fuels and raw materials into the kiln calciner (co-processing) and waste heat recovery systems are displayed in these rooms. The centre also has two lecture halls for training and education activities, such as learning sessions for energy professionals.

Under the guidance of BEE, the center will undertake collaboration and technology transfer on advanced technologies with institutes across the world. BEE would collaborate with various research institutions such as Indian Institutes of Technology (IITs), National Council for Cement and Building Materials (NCCBM), Central Pulp & Paper Research Institute (CPPRI), National Institute of Secondary Steel Technology (NISST), Jawaharlal Nehru Aluminium Research Development and Design Centre (JNARDDC), South India Textile Research Association (SITRA) and Northern India Textile Research Association (NITRA), etc., for carrying out research activities at the centre, which could in turn be demonstrated in plants after successful completion of R&D projects.

The center will also operate as a regional hub for conducting research and development activities for clean energy technologies in identified sectors (other energy-intensive sectors will be included subsequently). Emerging technologies such as Carbon Capture, Usage and Storage (CCUS) can be developed for the decarbonization of these sectors. When fully functional, it will have state-of-the-art facilities for networking, conferencing, training, and information dissemination on energy-efficient technologies.

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