



WEBEL-BCC&i Tech Incubation Centre shares the success of its incubatee
Solaire Initiatives Pvt Ltd for its Innovative Product
"OM REDOX, Your Oxygen Box"

Date: 23rd June 2022

MEDIA DOSSIER

THE ECONOMIC TIMES **tech**

[Business News](#) › [Tech](#) › [Startups](#) › Bengal-based startup Solaire develops device to produce oxygen from water

Bengal-based startup Solaire develops device to produce oxygen from water

Synopsis

The machine is nothing but a "deep science innovation that generates oxygen which is 3.5 times purer than that one normally gets from a concentrator", Solaire cofounders Dr Soumyajit Roy and his wife Dr Pei Liang claimed.



ETech

A startup in West Bengal has come out with a device that produces [oxygen](#) from water just by pressing of a switch, the founders of the technology claimed. '[OM Redox](#)', the device developed by [Solaire](#) Initiatives Pvt Ltd, which is incubated in the

Webel-BCC&I Tech Incubation Centre here, provides pure oxygen from water, they said.

The machine is nothing but a "deep science innovation that generates oxygen which is 3.5 times purer than that one normally gets from a concentrator", the startup venture's cofounders Dr [Soumyajit Roy](#) and his wife Dr [Pei Liang](#) claimed on Thursday.

The device was selected by the Department of [Biotechnology](#) for showcasing and launch on its 10th foundation day and at the 1st Bio-Tech Expo 2022.

"Pressure swing adsorption method for production of oxygen works with the liquefaction of air, while concentrator operates through concentration of air by a compressor and then passing it through a catalyst. In these two processes, oxygen is generated from the air. Ours is an alternative technology," Roy, the professor of Indian Institute of Science Education and Research, Kolkata.

He said their innovation is called pneumatically coupled water oxidation by electrocatalytic reaction (Power) in which the life-saving gas is produced from water.

The machine was among the products that were featured in a book released by Union Science and Technology Minister Dr Jitendra Singh commemorating 75 years of Independence.

"This technology is patented, and approved by World Health Organization and European Conformity," he claimed, adding that the scientist couple is in discussion with various organisations for licensing the device and manufacturing and marketing of it.

"The product is a sleek white pinewood box, weighing 8 kg, which provides oxygen just on pressing a switch and runs with electricity and also with a battery back-up of 3.5 hours," said Pei Liang, a bachelor of medicine from a Huazhong University of Science and Technology in China.

The device can be made handy and scaled up, she said at a programme organised jointly by West Bengal Electronics Industry Development Corporation Limited (

Webel

) and the Bengal Chamber of Commerce and Industry.

"We are actively considering the proposal for manufacturing and marketing of the device that produces oxygen. We are positive about the technology and impressed with its simplicity of it. A girl or boy can operate the device. Given the progress that the startup has made, commercialisation of the device is expected in the next three months," West Bengal Electronics Industry Development Corporation Limited (Webel) Managing Director Sunrita Hazra said.

The incubation centre, a joint initiative of Webel and Bengal Chamber of Commerce and Industry, incubated around 54 companies in the last few years, including around 18 entities which are going through the process at present. Kalyan Kar the mentor of the unit said.

Of the companies which completed the incubation process, 10-12 reached the commercial state, he said, adding that several companies have approached the centre from tier II and III cities of

the state and the participation of women entrepreneurs is also significant. PTI BDC RG RG

The Telegraph

BUSINESS**Big leap in portable oxygen****A STAFF REPORTER**

Calcutta: A Bengal-based startup — Solaire — founded in 2019 by scientist couple Soumyajit Roy and Pei Liang — has found a novel way to make pure oxygen out of water, through a portable device.

The company, which was incubated by a joint initiative of Webel and the Bengal Chamber of Commerce and Industry, is expected to go commercial soon and Webel could offer manufacturing and marketing support.

Called "Om Redox, Your Oxygen Box", the device runs on both battery and electricity and can make oxygen which is 3.5 times purer than one nor-



Soumyajit Roy and Pei Liang in Calcutta on Thursday

mally sourced through a concentrator.

With oxygen availability having emerged as a major concern in the Covid pandemic, Roy said that the device, which is cheaper than concentrators, could emerge as an alternative.

"The device could find its use in healthcare, mining, hotels and restaurants, wellness centres and even as a lifestyle product.

"We are exploring opportunities for technology transfer and licensing," said Roy, who is currently a professor at the Indian Institute of Science Education and Research, Calcutta.

"There is a good amount of work which is being done in academics and science in Bengal," said Roy, who had graduated in Chemistry from St Xavier's College, Calcutta followed by MSc from IIT, Delhi and doctorate from the University of Bielefeld, Germany.

Pei Liang had finished her MBBS at Huazhong Universi-

ty of Science and Technology, China and gained PhD in neuroscience at the University of Bielefeld, Germany.

The startup was incubated with the Webel-BCC&I Tech Incubation Centre in February 2022. WebelMD Sunitra Hazra said that the state's nodal agency for developing IT infrastructure will consider offering support for manufacturing and marketing.

"We are positive about the technology and impressed by it," she said.

Around 18 startups are currently being mentored at the incubation centre, which is supported by Bandhan Konnagar, a CSR implementing organisation for the Bandhan Bank.

Friday, July 01, 2022

Startup in Bengal develops a device to produce oxygen from water

The device was selected by the Department of Biotechnology for showcasing and launch on its 10th foundation day and at the 1st Bio-Tech Expo 2022.

Updated: June 27, 2022 9:15:45 am



OM REDOX OXYGEN MAKER

~~₹35,000.00~~ ₹30,000.00

You save ₹5,000.00 (14%)

Oxygen Capacity

-- Select --

-- Select --

3.5 L/Min

10 L/Min

30/Min

Quantity

1

ADD TO CART

The machine was among the products that were featured in a book released by Union Science and Technology Minister Dr Jitendra Singh commemorating 75 years of Independence. (Image Source: Solitaire)

A startup in West Bengal has come out with a device that produces oxygen from water just by pressing of a switch, the founders of the technology claimed. ‘OM Redox’, the device

developed by Solaire Initiatives Pvt Ltd, which is incubated in the Webel-BCC&I Tech Incubation Centre here, provides pure oxygen from water, they said.

The machine is nothing but a “deep science innovation that generates oxygen which is 3.5 times purer than that one normally gets from a concentrator”, the startup venture’s cofounders Dr Soumyajit Roy and his wife Dr Pei Liang claimed on Thursday.

The device was selected by the Department of Biotechnology for showcasing and launch on its 10th foundation day and at the 1st Bio-Tech Expo 2022.

“Pressure swing adsorption method for production of oxygen works with the liquefaction of air, while concentrator operates through concentration of air by a compressor and then passing it through a catalyst. In these two processes, oxygen is generated from the air. Ours is an alternative technology,” Roy, the professor of Indian Institute of Science Education and Research, Kolkata.

He said their innovation is called pneumatically coupled water oxidation by electrocatalytic reaction (Power) in which the life-saving gas is produced from water.

The machine was among the products that were featured in a book released by Union Science and Technology Minister Dr Jitendra Singh commemorating 75 years of Independence.

“This technology is patented, and approved by World Health Organization and European Conformity,” he claimed, adding that the scientist couple is in discussion with various organisations for licensing the device and manufacturing and marketing of it.

“The product is a sleek white pinewood box, weighing 8 kg, which provides oxygen just on pressing a switch and runs with electricity and also with a battery back-up of 3.5 hours,” said Pei Liang, a bachelor of medicine from a Huazhong University of Science and Technology in China.

The device can be made handy and scaled up, she said at a programme organised jointly by West Bengal Electronics Industry Development Corporation Limited (Webel) and the Bengal Chamber of Commerce and Industry.

“We are actively considering the proposal for manufacturing and marketing of the device that produces oxygen. We are positive about the technology and impressed with its simplicity of it. A girl or boy can operate the device. Given the progress that the startup has made, commercialisation of the device is expected in the next three months,” West Bengal Electronics Industry Development Corporation Limited (Webel) Managing Director Sunrita Hazra said.

The incubation centre, a joint initiative of Webel and Bengal Chamber of Commerce and Industry, incubated around 54 companies in the last few years, including around 18 entities which are going through the process at present. Kalyan Kar the mentor of the unit said. Of the companies which completed the incubation process, 10-12 reached the commercial state, he said, adding that several companies have approached the centre from tier II and III cities of the state and the participation of women entrepreneurs is also significant.

THE TIMES OF INDIA



City startup in oxygen box biz

Kolkata: Webel-BCC&I Tech Incubation Centre, a joint initiative of The Bengal Chamber of Commerce & Industry (BCC&I) and Webel, supported by Bandhan Konnagar (a CSR implementing organisation for Bandhan Bank) on Thursday presented one of its successful incubatee Solaire Initiatives, which has come up with its innovative product 'OM REDOX, Your Oxygen Box'. Webel chairman Samar Jha, MD Sunrita Hazra and Arnab Basu, VP, The Bengal Chamber, were present at the programme. TNN

Startup in Bengal Develops a Device, OM Redox to Produce Oxygen from Water



The machine is nothing but a deep science innovation that generates oxygen which is 3.5 times purer than that one normally gets from a concentrator. The device was selected by the Department of Biotechnology for showcasing and launch on its 10th foundation day and at the 1st Bio-Tech Expo 2022. (File Photo: moneycontrol)

Startup based in Bengal Develops a Device to Produce Oxygen from Water. The machine was featured in a book released by Union Science and Technology Minister.

A startup in West Bengal has come out with a device that produces oxygen from water just by pressing on a switch, the founders of the technology claimed. 'OM Redox', the device developed by Solaire Initiatives Pvt Ltd, which is incubated in the Weibel-BCC&I Tech Incubation Centre here, provides pure oxygen from water, they said.

The machine is nothing but a deep science innovation that generates oxygen which is 3.5 times purer than that one normally gets from a concentrator, the startup venture's cofounders Dr Soumyajit Roy and his wife Dr Pei Liang claimed on Thursday.

The device was selected by the Department of Biotechnology for showcasing and launch on its 10th foundation day and at the 1st Bio-Tech Expo 2022.

Pressure swing adsorption method for production of oxygen works with the liquefaction of air, while concentrator operates through concentration of air by a compressor and then passing it through a catalyst. In these two processes, oxygen is generated from the air. Ours is an alternative technology, Roy, the professor of Indian Institute of Science [Education](#) and Research, Kolkata. He said their innovation is called pneumatically coupled water oxidation by electrocatalytic reaction (Power) in which the life-saving gas is produced from water.

The machine was among the products that were featured in a book released by Union Science and [Technology](#) Minister Dr Jitendra Singh commemorating 75 years of Independence. This technology is patented, and approved by [World](#) Health Organization and European Conformity, he claimed, adding that the scientist couple is in discussion with various organisations for licensing the device and manufacturing and marketing of it.

"The product is a sleek white pinewood box, weighing 8 kg, which provides oxygen just on pressing a switch and runs with electricity and also with a battery back-up of 3.5 hours," said Pei Liang, a bachelor of medicine from a Huazhong University of Science and [Technology](#) in China. The device can be made handy and scaled up, she said at a programme organised jointly by West Bengal Electronics Industry Development Corporation Limited (Webel) and the Bengal Chamber of Commerce and Industry.

We are actively considering the proposal for manufacturing and marketing of the device that produces oxygen. We are positive about the technology and impressed with its simplicity. A girl or boy can operate the device. Given the progress that the startup has made, commercialisation of the device is expected in the next three months, West Bengal Electronics Industry Development Corporation Limited (Webel) Managing Director Sunrita Hazra said.

The incubation centre, a joint initiative of Webel and Bengal Chamber of Commerce and Industry, incubated around 54 companies in the last few

years, including around 18 entities which are going through the process at present. Kalyan Kar the mentor of the unit said. Of the companies which completed the incubation process, 10-12 reached the commercial state, he said, adding that several companies have approached the centre from tier II and III cities of the state and the participation of women entrepreneurs is also significant.

Startup In Bengal Develops Device, To Produce Oxygen From Water

By: SAYANTAN BARUA

- June 28, 2022
- 7:47 pm
- [Nation](#), [Bengal](#), [East](#)



TW Newsdesk, June 28: A startup in West Bengal has come out with a device that produces oxygen from water just by pressing on a switch, the founders of the technology stated. 'OM Redox', the device developed by [Solaire Initiatives Pvt Ltd](#),

which is incubated in the Webel-BCC&I Tech Incubation Centre in Kolkata, that machine will provide pure oxygen from water, they stated.

The machine is nothing but work on a deep science innovation that generates oxygen that is 3.5 times purer than that is normally produced from a concentrator, the startup venture's cofounders Dr Soumyajit Roy and his wife Dr. Pei Liang claimed.

Solaire Develops Device to Produce Oxygen from Water



25 JUN 2022

NEWS SYNOPSIS

According to the founders of the technology, a startup in West Bengal has developed a device that produces oxygen from water simply by pressing a switch. They claim that '**OM Redox**,' a device developed by **Solaire** Initiatives Pvt Ltd and incubated in the Webel-BCC&I Tech Incubation Centre here, produces pure oxygen from water.

According to the startup venture's co-founders, Dr. **Soumyajit Roy** and his wife Dr. Pei Liang, the machine is nothing more than a "deep science innovation that generates oxygen that is 3.5 times purer than that which is normally obtained from a concentrator." The **Department of Biotechnology** chose the device for display and launch on its 10th anniversary and at the first **Bio-Tech Expo 2022**.

"Pressure swing adsorption method for production of oxygen works with the liquefaction of air, while concentrator operates through concentration of air by a compressor and then passing it through a catalyst. In these two processes, oxygen is generated from the air. Ours is an alternative technology," Roy, the professor of the **Indian Institute of Science Education and Research**, Kolkata. He said their innovation is called pneumatically coupled water oxidation by **electrocatalytic reaction** (Power) in which the life-saving gas is produced from water.

Samachar Central

- West Bengal Startup Develops New Device That Can Produce Oxygen From Water

West Bengal Startup Develops New Device That Can Produce Oxygen From Water

A startup in West Bengal has come out with a device that produces oxygen from water just by pressing of a switch, the founders of the technology claimed. 'OM Redox', the device developed by Solaire Initiatives Pvt Ltd, which is incubated in the Webel-BCC&I Tech Incubation Centre here, provides pure oxygen from water, they said.

The machine is nothing but a "deep science innovation that generates oxygen which is 3.5 times purer than that one normally gets from a concentrator", the startup venture's cofounders Dr Soumyajit Roy and his wife Dr Pei Liang claimed on Thursday.

The device was selected by the Department of Biotechnology for showcasing and launch on its 10th foundation day and at the 1st Bio-Tech Expo 2022.

"Pressure swing adsorption method for production of oxygen works with the liquefaction of air, while concentrator operates through concentration of air by a compressor and then passing it through a catalyst. In these two processes, oxygen is generated from the air. Ours is an alternative technology," Roy, the professor of Indian Institute of Science Education and Research, Kolkata.

He said their innovation is called pneumatically coupled water oxidation by electrocatalytic reaction (Power) in which the life-saving gas is produced from water. The machine was among the products that were featured in a book released by Union Science and Technology Minister Dr Jitendra Singh commemorating 75 years of Independence.

"This technology is patented, and approved by World Health Organization and European Conformity," he claimed, adding that the scientist couple is in discussion with various organisations for licensing the device and manufacturing and marketing of it.

“The product is a sleek white pinewood box, weighing 8kg, which provides oxygen just on pressing a switch and runs with electricity and also with a battery back-up of 3.5 hours,” said Pei Liang, a bachelor of medicine from a Huazhong University of Science and Technology in China.

The device can be made handy and scaled up, she said at a programme organised jointly by West Bengal Electronics Industry Development Corporation Limited (Webel) and the Bengal Chamber of Commerce and Industry.

“We are actively considering the proposal for manufacturing and marketing of the device that produces oxygen. We are positive about the technology and impressed with its simplicity of it. A girl or boy can operate the device. Given the progress that the startup has made, commercialisation of the device is expected in the next three months,” West Bengal Electronics Industry Development Corporation Limited (Webel) Managing Director Sunrita Hazra said.

The incubation centre, a joint initiative of Webel and Bengal Chamber of Commerce and Industry, incubated around 54 companies in the last few years, including around 18 entities which are going through the process at present. Kalyan Kar the mentor of the unit said.



Device to make oxygen from water developed by Bengal-based startup

short by Anisha Joneja / 05:06 pm on 26 Jun 2022, Sunday

West Bengal-based startup Solaire Initiatives Pvt Ltd has developed a device called 'OM Redox', which makes oxygen from water with the press of a switch. As per the startup's Co-founders, Dr Soumyajit Roy and Dr Pei Liang, the machine generates oxygen that is 3.5 times purer than from a concentrator. The device weighs 8 kg and runs with electricity.

আনন্দবাজার পত্রিকা

স্টার্ট-আপে নতুন স্বীকৃতি

নিজস্ব সংবাদদাতা

কলকাতার পাশাপাশি রাজ্যের দ্বিতীয় ও তৃতীয় শ্রেণির শহর থেকেও স্টার্ট-আপ সংস্থা গড়ার বোর্ক বাড়ছে বলে জানালেন ওয়েবল এবং বেঙ্গল চেম্বারের যৌথ উদ্যোগে তৈরি হওয়া ইনকিউবেশন সেন্টারের কর্তারা। সেই সেন্টারের সহায়তায় সম্প্রতি বাঙালি অধ্যাপক সৌম্যজিৎ রায় কম খরচে জল থেকে অক্সিজেন তৈরির বিশেষ যন্ত্র বানিয়েছেন। যেটি স্বাধীনতার ৭৫ বছর উপলক্ষে ৭৫টি উদ্ভাবনের তালিকায় জায়গা পেয়েছে।

ইন্ডিয়ান ইনস্টিটিউট অব সায়েন্স এডুকেশন অ্যান্ড রিসার্চের অধ্যাপক সৌম্যজিৎ এবং তাঁর স্ত্রী পেয়ি লিয়াং বৃহস্পতিবার দাবি করেন, প্রযুক্তির পেটেন্ট নিয়েছেন তাঁরা। উৎপাদন ও বিপণনের জন্য পুজোর আগেই তাঁদের সংস্থার সঙ্গে গাটছড়া বাঁধতে পারে ওয়েবল। ওয়েবলের এমডি সুনতা হাজরা জানান, মাস তিনেকের মধ্যে বিষয়টি চূড়ান্ত হতে পারে।

ইনকিউবেশন সেন্টারের দুই মেন্টর কল্যাণ কর ও তন্ময় বন্দ্যোপাধ্যায় জানিয়েছেন, তাঁরা এখনও পর্যন্ত ৫৪টি স্টার্ট-আপ সংস্থাকে পরামর্শ দিচ্ছেন।



অক্সিজেন তৈরির যন্ত্র আনছে ওয়েবল

এই সময়: মেডিক্যাল অক্সিজেন তৈরি করার যন্ত্র উৎপাদন করবে ওয়েবল। সব কিছু ঠিকঠাক থাকলে আগামী তিন মাসের মধ্যে অত্যাধুনিক প্রযুক্তির 'ওম রেডক্স, ইয়োর অক্সিজেন বক্স' উৎপাদন তারা শুরু করে দেবেন বলে ওয়েবল ম্যানেজিং ডিরেক্টর সুনরিতা হাজারা বৃহস্পতিবার জানিয়েছেন। যন্ত্রটি উদ্ভাবন করেছে রাজ্যেরই স্টার্ট-আপ সংস্থা সোলোয়ার। রাজ্যে আরও বেশি স্টার্ট-আপ সংস্থা গড়ে তুলতে ওয়েবল-বেঙ্গল চেম্বার অফ কমার্স অ্যান্ড ইন্ডাস্ট্রি টেক ইনকিউবেশন সেন্টারের ফসল অধ্যাপক সৌম্যজিৎ রায় ও অধ্যাপক পে লিয়াংয়ের সোলোয়ার। সুনরিতা বলেন, 'ওয়েবল মেডিক্যাল অক্সিজেন তৈরির এই যন্ত্রের উৎপাদন করবে। ওয়েবলের নিজস্ব কারখানাতেই আগামী তিন মাসের মধ্যে উৎপাদন চালু করার আমরা পরিকল্পনা করেছি। পূর্ব ভারতে যন্ত্রটির বিপণনও ওয়েবল করবে।'

বিশ্বে বর্তমানে মেডিক্যাল অক্সিজেন তৈরির দুটি প্রযুক্তি রয়েছে। পিএসএ এবং কনসেনট্রেটর। দুটি প্রযুক্তিতেই বাতাস থেকে অক্সিজেন তৈরি করা হয়। সৌম্যজিৎ জানিয়েছেন, তাঁদের উদ্ভাবিত 'ব্লু ওশান' প্রযুক্তি জল থেকে অক্সিজেন তৈরি করবে। তিনি বলেন, 'ভালো অক্সিজেন কনসেনট্রেটরের দাম বাজারে ৭০ হাজার টাকার মতো।

সেখানে আমাদের পেটেস্টেড অক্সিজেন বক্সটির দাম ৩৫ হাজার টাকা। আমরা ১০ হাজার টাকা দামের একটি ছোট বক্সও তৈরি করেছি, যা হাত ব্যাগে করে স্বচ্ছন্দে নিয়ে যাওয়া যাবে।'

তাঁর দাবি, তাঁদের তৈরি যন্ত্রটি প্রতি মিনিটে সাড়ে ৩ লিটার অক্সিজেন উৎপাদন করতে সক্ষম। তিনি জানান, সংস্থার লক্ষ্য চিকিৎসার জন্য মেডিক্যাল অক্সিজেন তৈরির বাজার ধরার পাশাপাশি এই যন্ত্রটিকে একটি লাইফস্টাইল পণ্য হিসাবে তুলে ধরা, যেখানে ক্রান্তি কাটাতে মানুষ ওই যন্ত্র থেকে টাকা অক্সিজেন নেবেন।

এদিকে ওয়েবল-এর ওই ইনকিউবেশন সেন্টারের অন্যতম মেন্টর তথাপ্রযুক্তি বিশেষজ্ঞ কল্যাণ কর বলেন, 'স্টার্ট-আপ গড়তে ইচ্ছুক যে সমস্ত উদ্যোগী আমাদের কাছে আসছেন, তাঁদের ৬০-৬৫ শতাংশই টিয়ার-২ ও টিয়ার-৩ শহরের বাসিন্দা। পাশাপাশি, আমরা ২৫-৩০% মহিলা উদ্যোগীও পেয়েছি, যাঁরা স্টার্ট-আপ গড়ে তোলার নির্দিষ্ট পরিকল্পনা নিয়ে আমাদের সঙ্গে যোগাযোগ করেছেন।'

এখনও পর্যন্ত ওই কেন্দ্রে মোট ৫৪টি সংস্থাকে ইনকিউবেট করা হয়েছে এবং তার মধ্যে ১০-১২টি বাণিজ্যিক ভাবে দাঁড়িয়ে গিয়েছে বলে তিনি জানিয়েছেন।

আজকাল

ঘরে জল থেকে মিলবে অক্সিজেন

আজকালের প্রতিবেদন

আপেক্ষাকালীন পরিস্থিতিতে এবার ঘরে বসেই পাওয়া যাবে বিশুদ্ধ অক্সিজেন। জল থেকে বৈদ্যুতিন অনুঘটক প্রক্রিয়ায় এই অক্সিজেন উৎপাদন করা যাবে। যা সাধারণ কনসেনট্রেটরের তুলনায় সাড়ে তিনগুণ বেশি বিশুদ্ধ অক্সিজেন উৎপাদন করবে। 'ওম রেডক্স, ইয়োর অক্সিজেন বক্স'-এর মাধ্যমেই এভাবে অক্সিজেন উৎপাদন করা যাবে। বন্ধন-কোম্পাগরের সহযোগিতায় ওয়েবেল-বিসিসিঅ্যান্ডআই টেক ইনকিউবেশন সেন্টারের যৌথ উদ্যোগে গড়ে উঠেছে ইনকিউব্যাটোসোলারি ইনিশিয়েটিভ প্রাইভেট লিমিটেড। তারাই 'ওম রেডক্স, ইয়োর অক্সিজেন বক্স' তৈরি করেছে। ইতিমধ্যে এটির পেটেন্টও পাওয়া হয়ে গেছে।



আইএসও ৯০০১:২০১৫ শংসাপত্রও পাওয়া হয়ে গেছে। পেয়েছে 'ছ' এবং ইউরোপিয়ান কনফর্মিটি-র অনুমোদনও।

বৃহস্পতিবার সাংবাদিক সম্মেলনে এই উদ্ভাবনের কথা ঘোষণা করেন ওয়েবেল-এর চেয়ারম্যান সমর বা, ওয়েবেল-এর এমডি সুনীতা হাজারা, দ্য বেঙ্গল চেম্বার অফ কমার্স অ্যান্ড ইন্ডাস্ট্রি-র ভাইস প্রেসিডেন্ট অর্পব বসু। তাঁরা জানান, যন্ত্রটির ওজন মাত্র ৮ কেজি। জল দিয়ে বোতাম টিপলেই অক্সিজেন উৎপাদন শুরু হয়ে যাবে। লোডশেডিংয়ের সময় সাড়ে তিন ঘণ্টা ব্যাটারি ব্যাক-আপও পাওয়া যাবে। তাঁরা জানান, কারোর যাতে আপেক্ষাকালীন পরিস্থিতিতে বাড়িতে অক্সিজেনের অভাব না ঘটে, এই ভাবনা থেকে এই যন্ত্রটি তৈরি করা হয়েছে।

सन्मार्ग

अब पानी से बनेगा कंसेंट्रेटर की तुलना में 3.5 गुना शुद्ध आक्सीजन

सन्मार्ग संवाददाता
कोलकाता : गुरुवार को वेबेल-बोसोसोएडआई टेक इनक्यूबेशन सेंटर के संयुक्त पहल और बंधन कोन्गार के सहयोग से एक प्रोडक्ट 'ओम रेडॉक्स, योर ऑक्सीजन बॉक्स' लॉन्च किया गया। इस मौके पर आयोजित संवाददाता सम्मेलन में वेबेल के चेयरमैन समर झा, वेबेल की एमडी सुररीता हाजरा और द बंगाल चेम्बर के उपाध्यक्ष अर्णव बसु मौजूद थे। अब लोगों को पूरी तरह शुद्ध ऑक्सीजन इलेक्ट्रिसिटी यानी बिजली से मिल सकेगी।

कंसेंट्रेटर की तुलना में होगा साढ़े तीन गुना शुद्ध : ओम

रेडॉक्स, योर ऑक्सीजन बॉक्स पश्चिम बंगाल से किया गया वैज्ञानिक शोध है। इससे कंसेंट्रेटर की तुलना में 3.5 गुना शुद्ध ऑक्सीजन मिल सकेगी। इसे वर्ल्ड हेल्थ ऑर्गनाइजेशन (डब्ल्यूएचओ) और यूरोपियन कनफॉर्मिटी (सीई) की ओर से भी अनुमोदन मिला है। इसका वजन 8 किलो होगा और एक विच दबाते ही ऑक्सीजन सौधे इलेक्ट्रिसिटी से मिलेगी। इसका बैटरी बैक अप 3.5 घण्टे का है। ऑक्सीजन को कमी से कोई पीड़ित ना हो, इस उद्देश्य से ही इस ऑक्सीजन को लाया जा रहा है। ये इमरजेंसी अथवा रग्गुलर बेसिस पर

- वजन होगा लगभग 8 किलो
- बैटरी बैक अप 3.5 घण्टे

इलेक्ट्रोकेटलिटिक रिप्लेशन तकनीक से शुद्ध ऑक्सीजन देती है। पावर टेक्नोलॉजी से युक्त मशीन शुद्ध पानी (मिनरल/आरओ) से शुद्ध ऑक्सीजन बनाती है।

ईस्ट व नार्थ ईस्ट मार्केट से होगी शुरुआत : वेबेल की एमडी सुररीता हाजरा ने कहा कि प्रोडक्ट का उत्पादन करने पर वेबेल विचार कर रहा है और ईस्ट व नार्थ ईस्ट इंडिया में मार्केट के साथ इसकी

शुरुआत की जाएगी। द बंगाल चेम्बर के वाइस प्रेसिडेंट और प्राइम बॉटर हाउस कूपर्स लिमिटेड के एडवाइजरी लीडर व पार्टनर अर्णव बसु ने कहा, 'स्टार्ट अप को बढ़ावा देने में बंगाल चेम्बर ईको सिस्टम की सुविधा प्रदान कर रहा है। इसका उद्देश्य राज्य में स्टार्ट अप आंदोलन को शुरुआत करना है ताकि सोल्यर जैसे अधिक से अधिक स्टार्ट अप पश्चिम बंगाल में आ सकें।' या जिसमें विभिन्न प्रख्यात विश्वविद्यालयों के वैज्ञानिक, मेडिकल एक्सपर्ट व इंजीनियर हैं। सोल्यर द्वारा ही उक्त उत्पाद बनाया

गया है। **बड़ी आईटी कंपनियां कर रही हैं राज्य में निवेश** : कार्यक्रम में मौजूद अर्णव के एग्जॉक्सीव समर झा ने आईटी कंपनियों को लेकर कहा कि वर्ष 2010 में केवल 500 आईटी कंपनियां थीं जबकि अब आईटी कंपनियों की संख्या बढ़कर 4000 हो गयी है। इनफोसिस द्वारा एक बड़ा कैम्पस बनाया जा रहा है जिसमें काम से कम 5000 लोगों को रोजगार मिल सकेगा। आईटीसी ने 17 एकड़ जमीन ली है और टीसीएस भी कोलकाता में निवेश कर रहा है। वेबेल द्वारा बंगाल सिलिकॉन वैली पर भी कार्य किया जा रहा है।