

# **PRESS COVERAGE**

***LAUNCH OF INDIA'S FIRST***

***ANDICOS WASTE TO ENERGY PLANT***

***AT HYDERABAD***



# Ion Exchange and Associate Companies

Publication	The Times of India
Edition	Hyderabad
Headline	Ion Exchange sets up waste-to-energy system in Hyd
Date	March 30, 2018
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## Ion Exchange sets up waste-to-energy system in Hyd

TIMES NEWS NETWORK

**Hyderabad:** Mumbai-based Ion Exchange (India) Limited on Thursday announced the commissioning of the country's first ANDICOS waste-to-energy system at Akshaya Patra in Hyderabad to treat waste water and organic waste from its new and fully automated kitchen.

ANDICOS is a joint initiative of Ion Exchange, Belgium-headquartered VITO and European. The plant has a capacity to treat approximately 1,000 kg of organic kitchen waste and

**The company is now in talks with civic bodies such as Mumbai Municipal Corporation and Delhi Jal Board**

2-6m<sup>3</sup> of sewage sludge daily and will generate approximately 20 KW/H of electrical power along with 1.35 tonnes of rich organic fertiliser per day. The company has invested Rs 7 crore in the plant.

The company is now in talks with civic bodies such as Mumbai Municipal Corporation and Delhi Jal Board, among others, for the usage of this technology.

Ajay Popat, president, Ion Exchange (India) Limited said, "There is a strong need to consider and implement solutions that promote sustainability. Water shortage has been a major concern and this is only followed by the problem of untreated waste. The new ANDICOS plant is unique as it integrates technology to combine solid organic waste and waste water to generate power, water and fertiliser that can be used thereafter

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## Ion's waste-to-energy plant takes off in Hyd

Will generate 20 KW power along with 1.35 tonnes of rich organic fertilisers per day

### BUSINESS BUREAU

**Hyderabad:** Ion Exchange (India) Ltd, a leading player in water and environment management, on Thursday commissioned India's first waste-to-energy system Andicos here. Andicos design is an energy neutral sewage water treatment system. Andicos is a joint initiative of Ion Exchange in collaboration with Belgium headquartered VITO and Europem.

The first Andicos waste-to-energy plant has been set up at Akshaya Patra in Hyderabad to treat waste water and organic waste from its new and fully automated kitchen. The Andicos waste-to-energy plant has a capacity to treat approximately 1,000 kgs of organic kitchen waste and 2 - 6m<sup>3</sup> of sewage sludge on a daily basis and will generate approximately 20 KW/H of electrical power along with 1.35 tonnes of rich organic fertiliser per day.

Rajesh Sharma, CMD, Ion Exchange (India) Ltd, said: "For over 50 years, Ion Exchange has been innovating water and waste treatment solutions. We have been preferred and trusted partners to diverse sectors like oil & gas, power, automobile, textile, food processing, pharmaceuticals and many more. We have been researching and developing the Andicos system and technology for over two years. All our solutions and systems are based



*Ion Exchange's Andicos plant treats 1,000kgs of organic waste from Akshaya Patra kitchen*

on the most advanced technologies available across the globe. This allows us to provide our clients with customised need-based systems that are versatile and performance oriented."

Ajay Popat, President, Ion Exchange (India) Ltd, said: "There is a strong need to consider and implement solutions that promote sustainability. Water shortage has been a major concern and this is only followed by the problem of untreated waste. The new Andicos plant is unique as it integrates technology to combine solid organic waste and waste water to generate power, water and fertiliser that can be used thereafter. Simultaneously, the plant also can be integrated to treat sewage making it a complete and all-round solution. We're certain that this new technology will add value and promote sustainable development across the country."

The Andicos integrates state-of-the-art technologies like Indion IPC MBR and Indion advanced bio-methanation process.

# Ion Exchange and Associate Companies

Publication	The Hindu Business Line
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Headline	Waste to energy solutions company Ion Exchange eyes smart city projects
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## Waste-to-energy solutions company Ion Exchange eyes smart city projects

V RISHI KUMAR

Hyderabad, March 30

Water and environment management solutions company Ion Exchange (India) Ltd is eyeing a diverse set of turnkey solutions for the upcoming smart city projects in the country, including waste-to-energy solutions.

With more than 7,000 tonnes of waste generated each day in large metros such as Mumbai and Delhi, the local administrations are seeking integrated solutions. The upcoming smart cities are also looking at waste-to-energy solutions as part of the larger plan.

"As a company which offers integrated waste management solutions to large corporates and corporations, we are en-

gaged in talks with several municipal corporations to offer our solutions.

"There is a strong need to consider and implement solutions that promote sustainability," said Ajay Popat, President, Ion Exchange (India) Ltd.

Rajesh Sharma, Chairman and Managing Director, said: "For over 50 years, Ion Exchange has been innovating water and waste treatment solutions. Our solutions allow us to provide our clients customised need-based systems that are versatile and performance-oriented."

With over five decades of business and revenues of ₹1,030 crore, Ion Exchange is looking at the next phase of growth in the country and in se-



Ajay Popat, President, Ion Exchange (India) Ltd KVS GIRI

lect markets abroad, including Sri Lanka, where it has bagged a mega project of about \$200 million, to be executed over the next three-four years.

"The company's exports, now at 32 per cent, are expected to go up to 40 per cent in two years.

"The company is looking at a

growth of 15 per cent next year," Popat said.

The company has commissioned what it described as the country's first Andicos Waste to Energy system for a project here.

While the treated raw sewage is transformed into purified water that can be reused, the sludge generated in the process is then combined with organic kitchen waste generated in homes and communities. This is then used as purified water, renewable energy and organic fertiliser.

The ₹7-crore plant has been set up by Ion Exchange at Akshaya Patra, a fully-automated community kitchen near Hyderabad to treat waste water and organic waste.

Publication	The Hindu
Edition	Hyderabad
Headline	Putting waste to good use
Date	March 30, 2018
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## Putting waste to good use

Ion Exchange sets up waste-to-energy project with ₹7 crore



**Setting an example:** Ajay Popat, president of Ion Exchange (India) Ltd, addressing the media in the city on Thursday. • K.V.S. GIRI

### **SPECIAL CORRESPONDENT** HYDERABAD

Water and environment management solutions provider Ion Exchange (India) Ltd commissioned a waste-to-energy project in Hyderabad that integrates technology to combine solid organic waste and waste water to generate power, purified water and fertilizer.

The company intends to use the facility, established at Akshaya Patra's community kitchen on the city outskirts, as a demonstration project for prospective customers.

Stating that it was the country's first such waste-to-

energy system, Ion Exchange (India) president Ajay Popat said it was based on the ANDICOS (anaerobic digestion by combining waste stream) design. While projects based on ANDICOS had been deployed for the industrial consumers, it was being used for the first time for community segment, he told presspersons here on Thursday.

### **Organic fertilizer**

The project, established by the company at Akshaya Patra, has a capacity to treat around 1,000 kg of organic kitchen waste and 2-6 cubic metre of sewage sludge on a

daily basis. It will generate about 20KW/H of electrical power along with 1.35 tonnes of organic fertilizer per day.

Noting that the company had set up the plant with ₹7 crore, Mr. Popat said the company would be showcasing the facility to prospective customers in the government. Among the agencies that were either working or evaluating the prospects of engaging with Ion Exchange include the municipal corporation of Mumbai, Delhi Jal Board as well as the Administrative Staff College of India (ASCI) on behalf of the Telangana government.

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Headline	Waste management system at Kandi
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## Waste management system at Kandi

**BUSINESS BUREAU**  
Hyderabad

Ion Exchange India, which is into water treatment as well as making chemicals and membranes, is setting up India's first Andicos waste-to-energy system at Kandi near Hyderabad. It integrates the technology to combine solid organic and waste water to generate power, water and fertilizer that can be used thereafter.

Andicos is a joint venture of Ion Exchange in collabo-

ration with Belgium headquartered VITO and Europem. The demonstration plant is being set up at a cost of Rs seven crore for Akshayapatra, according to Ajay Popat, Director, Ion Exchange India.

The setup, which will be formally launched on Friday, will be able to process about 1,000 kg kitchen waste and two to six cubic metre of sewage sludge from the new and automatic kitchen that Akshayapatra has set up near Kandi. The system first

treats raw sewage and produces purified water that can be reused. The sludge generated is then combined with organic kitchen waste thus producing renewable energy and organic fertilizer as well.

"Over the next six months, we will alter the ratios of kitchen waste and the sewage and measure how the outputs will be impacted. This will make the ground for wider adoption of the waste management system," he said adding that

it is in talks with municipal bodies to adopt the same for their waste management.

Ion Exchange has a manufacturing and research and development facility at Patancheru.

The unit makes chemicals that are used in waste management solutions across oil and gas, power, automobile, textile, food processing, pharmaceuticals etc. It is also into design and supply of water, process liquid, waste water treatment, water recycle plants.

# Ion Exchange and Associate Companies

Publication	Andhra Jyoti (Telugu Newspaper)
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## వ్యర్థాల నుంచి విద్యుదుత్పత్తి

హైదరాబాద్‌లో

### ఐయాన్ ఎక్స్‌చేంజ్ ప్లాంట్ ప్రారంభం

హైదరాబాద్ (ఆంధ్రజ్యోతి బీజినెస్): మన ద్రవ వ్యర్థాల నుంచి విద్యుత్‌ను ఉత్పత్తి చేసే ప్లాంట్‌ను ఐయాన్ ఎక్స్‌చేంజ్ (ఇండియా) లిమిటెడ్ హైదరాబాద్‌లో ఏర్పాటు చేసింది. ఈ ప్లాంట్ ద్వారా మురుగు నీటిని స్వచ్ఛమైన నీరుగా మార్చడానికి అవకాశం ఉంటుంది. అంతేకాకుండా వ్యర్థాలను సేంద్రియ ఎరువుగానూ మార్చవచ్చు. మూడు విధాలుగా ఉపయోగపడే ఈ ప్లాంట్‌ను నగరంలోని అక్షయ పాత్ర కిచెన్ వద్ద ఏర్పాటు చేసినట్లు ఐయాన్ ఎక్స్‌చేంజ్ ప్రెసిడెంట్ అజయ్ పొపాట్ గురువారంనాటిక్కడ విలేకరుల సమావేశంలో తెలిపారు. ఈ ప్లాంట్ కోసం 7 కోట్ల రూపాయలు ఖర్చు చేశామని చెప్పారు. ఇలాంటి ప్లాంట్ కోసం వెచ్చించిన పెట్టుబడి మూడు నుంచి ఐదేళ్లకా



లంలో చేతికి వస్తుందన్నారు. చిన్న పట్టణాల నుంచి పెద్ద నగరాల వరకు రోజూ వేల కిలోల చెత్త పోగవుతోందని, ఇలాంటి చెత్తను సక్రమంగా

ప్రాసెస్ చేయడం వల్ల ప్రయోజనం ఉంటుందని చెప్పారు. ఇందుకు సంబంధించిన సౌల్యాషన్నను తమ సంస్థ అందిస్తోందన్నారు. స్మార్ట్‌సిటీల అభివృద్ధి నేపథ్యంలో తమ సౌల్యాషన్నకు అపార అవకాశాలుంటాయని అజయ్ చెప్పారు. ప్రస్తుతం కంపెనీ రాబడి 1,030 కోట్ల రూపాయలుగా ఉందని, వచ్చే ఏడాదిలో 15 శాతం వృద్ధి రేటు నమోదయ్యే అవకాశం ఉందన్నారు. ఎగుమతుల రాబడి 32 శాతంగా ఉందని, రెండేళ్లకాలంలో ఇది 40 శాతం వరకు చేరుకోవచ్చన్నారు.

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### స్మార్ట్‌సిటీల నిర్మాణంలో 'అయాన్ ఎక్స్‌చేంజ్' భాగస్వామ్యం

హైదరాబాద్, ఆంధ్రప్రభ: వాటర్ ప్యూరిఫికేషన్ విభాగంలో 50 సంవత్సరాల అనుభవం ఉన్న అయాన్ ఎక్స్‌చేంజ్ సంస్థ స్మార్ట్ సిటీల నిర్మాణంలో భాగస్వామ్యం పంచుకోవాలని నిర్ణయించింది. అందుకోసం ముంబై, హైదరాబాద్, ఢిల్లీ, బెంగళూరు తదితర ప్రధాన నగరాల్లో ఇంటిం

టికి వాటర్ ప్యూరిఫికేషన్ సిస్టమ్‌ను నెలకొల్పేందుకు చర్యలు ప్రారంభించింది. పూర్తి ఉచితంగా నీటి శుద్ధి పరికరాలను ఓగింది ప్యూరిఫికేషన్ తర్వాత వృధాగా వెళ్ళే నీటి ద్వారా ఎనర్జీ ప్లాంట్‌ను నెలకొల్పడమే లక్ష్యంగా ముందడుగు వేస్తున్నట్లు అయాన్ ఎక్స్‌చేంజ్ ఇండియా లిమిటెడ్ సీఎండి రాజేష్ శర్మ తెలిపారు. ఈ సందర్భంగా గురువారం ఇక్కడ సంస్థ అధ్యక్షుడు అజయ్ పోపాట్ కలిసి ఏర్పాటు చేసిన మీడియా ప్రతినిధుల సమావేశంలో ఆయన మాట్లాడారు. ప్రధాన నగరాల్లో ఒక్కో బస్టిని ఎంచుకొని వాటర్ ప్యూరిఫికేషన్ పరికరాలను ఇంటింటికి ఓగిందే కార్యక్రమాన్ని త్వరలోనే ప్రారంభిస్తామని తెలిపారు. జోత్ బ్యూటీరియా కలిగిన వాటర్‌ను

అందించడమే లక్ష్యంగా పని చేస్తున్నామన్నారు. కేంద్ర ప్రభుత్వం తలపెట్టిన స్మార్ట్ సిటీల నిర్మాణంలో భాగస్వామ్యం పంచుకుంటూ పరిశుభ్రమైన నీటిని అందించడం ఎంతో ముఖ్యమైన అంశమని ఆయన అన్నారు. అదే సమయంలో ప్యూరిఫికేషన్ తర్వాత వృధాగా వెళ్ళే నీటిని ఒక దగరకు చేర్చి తద్వారా అయాబస్ట్‌లోనే చిన్నపాటి విద్యుత్ ఫ్యాంట్లను నెలకొల్పడం తమ సంస్థ లక్ష్యమని చెప్పారు.



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## వ్యర్థాల నుంచి ఇంధనం..

ఈనాడు, హైదరాబాద్: నీటి శుద్ధి, పర్యావరణ నిర్వహణ సేవలను అందించే అయాన్ ఎక్స్చేంజ్ (ఇండియా) రాబోతున్న స్కాట్లెండ్ నగరాల్లో వ్యర్థాల నుంచి ఇంధనం తయారు చేసేందుకు ఉన్న అవకాశాలపై దృష్టి సారీస్తోంది. వీటితోపాటు మెట్రో నగరాల్లో వ్యర్థాల నిర్వహణకు అవసరమైన పరిష్కారాలను అందించేందుకు ప్రయత్నాలు చేస్తోంది. ఇందులో భాగంగా.. మురుగు నీరు, ఆహార వ్యర్థాల నుంచి ఇంధనం తయారు చేసే 'ఆండికోస్ వేస్ట్ టు ఎనర్జీ' ప్లాంటును ప్రయోగాత్మకంగా హైదరాబాద్ సమీపంలోని కంది అక్షయపాత్ర సంస్థలో ఏర్పాటు చేసింది. పూర్తిగా ఇక్కడి వంట గది నుంచి వచ్చిన నీరు, ఆహార వ్యర్థాలను సేకరించి, శుద్ధి చేసిన నీరు, ప్రత్యామ్నాయ ఇంధనం, ఆర్గానిక్ ఎరువును ఉత్పత్తి చేయబోతున్నట్లు అయాన్ ఎక్స్చేంజ్ ప్రెసిడెంట్

అజయ్ పోపట్ తెలిపారు. దీనికోసం రూ.7కోట్లను ఖర్చు చేసి నట్లు వెల్లడించారు. దీనిద్వారా వచ్చిన ఇంధనాన్ని తిరిగి ఆక్షయ పాత్ర కోసమే వినియోగించనున్నట్లు తెలిపారు. దాదాపు రూ.1090 కోట్ల టర్నోవర్ ఉన్న అయాన్ ఎక్స్చేంజ్ దేశీయంగా మరింత వృద్ధి సాధించడంతోపాటు.. కొన్ని ఇతర దేశాల్లో కూడా తమ ఉత్పత్తులను విడుదల చేసేందుకు ప్రయత్నిస్తోందని అజయ్ తెలిపారు. శ్రీలంకలో దాదాపు 200 మిలియన్ డాలర్లతో చేపట్టిన మెగా ప్రాజెక్టు మరో మూడు, నాలుగేళ్లలో కొలిక్కి రానుందని పేర్కొన్నారు. మొత్తం ఆదాయంలో 92శాతం వరకూ ఎగుమతుల ద్వారా ఆర్జిస్తున్నట్లు, రానున్న రెండేళ్లలో ఇది 40శాతానికి చేరుతుందని ఆశిస్తున్నట్లు పేర్కొన్నారు. రానున్న ఏడాదిలో సంస్థ 15శాతం వరకూ పృథ్విని లక్ష్యంగా విధించుకున్నట్లు తెలిపారు.

**శుద్ధి కేంద్రాన్ని ఏర్పాటు చేసిన అయాన్ ఎక్స్చేంజ్**

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Headline	Ion Exchange ANDICOS technology
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## అయాన్ ఎక్స్చేంజ్ 'ఆండికోస్' టెక్నాలజీ

హైదరాబాద్, బిజినెస్ బ్యూరో: నీరు, పర్యావరణ నిర్వహణ కంపెనీ అయాన్ ఎక్స్చేంజ్... ఆండికోస్ టెక్నాలజీ ఆధారిత వేస్ట్ టు ఎనర్జీ ప్లాంటును భారత్లో తొలిసారిగా హైదరాబాద్లో ఏర్పాటుచేసింది. రూ.7 కోట్లతో అక్షయపాత్ర కేంద్రంలో దీనిని నిర్మించింది. బెల్జియంకు చెందిన విటో, యూరోపెమ్ కంపెనీల సాయంతో ఆండికోస్ కాన్సెప్ట్, టెక్నాలజీ రూపుదిద్దుకుందని అయాన్ ఎక్స్చేంజ్ ఇండియా ప్రెసిడెంట్ అజయ్ పోపట్ గురువారమిక్కడ మీడియాకు చెప్పారు. ఈ ప్లాంటు ద్వారా మురుగు నుంచి స్వచ్ఛమైన నీరు, ఆహార వ్యర్థాల నుంచి సేంద్రియ ఎరువు తయారవుతుంది. అలాగే విద్యుత్ కూడా ఉత్పత్తవుతుంది. 3-5 ఏళ్లలో పెట్టుబడి రికవరీ అవుతుందని వెల్లడించారు. కంపెనీలు, సంస్థలు కోరితే బిల్డ్, ఆపరేట్, ఓన్ ప్రాతిపదికన ఇటువంటి ప్లాంట్ల ఏర్పాటుకు తాము సిద్ధమని ప్రకటించారు.





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## రాష్ట్రంలో అయాన్ విద్యుత్ ప్లాంట్

దేశంలోనే మొట్టమొదటిసారిగా తెలంగాణలో ఏర్పాటు

వ్యర్థాల నుంచి నీరు, విద్యుత్ను ఉత్పత్తి చేయనున్న సంస్థ

హైదరాబాద్, నమస్తే తెలంగాణ: పునరుత్పాదక ఇంధన తయారీలో తెలంగాణలో మరో ముందడుగు పడింది. ప్రముఖ సంస్థ అయాన్ ఎక్స్చేంజ్ దేశంలోనే మొట్టమొదటి ఆండికోస్ వేస్ట్ టు ఎనర్జీ ప్లాంట్ను హైదరాబాద్కు అత్యంత సమీపంలోని అక్షయ పాత్రా వద్ద ఏర్పాటు చేసింది. ఘన, ద్రవ్య వ్యర్థాల నుంచి విద్యుత్, నీరును ఈ విధానం ద్వారా ఉత్పత్తి చేస్తారు. ఇళ్లు, పరిశ్రమలు సహా అన్ని రకాల ఘన, ద్రవ వ్యర్థాల నుంచి స్వచ్ఛమైన నీరు, పునరుత్పాదక విద్యుత్, ఆర్గానిక్ ఎరువును పూర్తి పర్యావరణ హిత విధానంలో ఆండికోస్ ఉత్పత్తి చేస్తుందని సంస్థ ఇండియా ప్రెసిడెంట్ అజయ్ పోపట్ గురువారం వెల్లడించారు. ఈ ఆండికోస్ విధానాన్ని ప్రారంభించేందుకు వివిధ రాష్ట్ర ప్రభుత్వాలతో చర్చలు జరిపినప్పటికీ తెలంగాణ రాష్ట్ర ప్రభుత్వం సానుకూలంగా స్పందించడంతో ఇక్కడే తొలి యూనిట్ను ఏర్పాటు

చేసినట్లు చెప్పారు. రాష్ట్ర వ్యాప్తంగా ఆయా పురపాలక ప్రాంతాల్లో సైతం ఈ విధానాన్ని అవలంబించేందుకు రాష్ట్ర ప్రభుత్వంతో చర్చలు జరుపుతున్నట్లు అజయ్ పోపట్ తెలిపారు. నీటి లభ్యత తగినంత లేని పరిస్థితుల్లో, వ్యర్థాలు పెరిగిపోతున్న ప్రస్తుత తరుణంలో రాష్ట్ర ప్రభుత్వం పునరుత్పాదక ఇంధనాలపై దృష్టి సారించిందని ఇందులో భాగంగా తాము తెలంగాణలో కేంద్రాన్ని ఏర్పాటు చేశామని ఆయన వివరించారు. ఇందుకోసం సంస్థ రూ.7.5 కోట్ల మేర పెట్టుబడిగా పెట్టినట్లు చెప్పారు. అలాగే ఇప్పటికే హైదరాబాద్కు అత్యంత సమీపంలో నీటి శుద్ధి తయారీ యూనిట్ను పదేండ్ల క్రితం ఏర్పాటు చేయడం జరిగిందన్నారు. గడిచిన ఆర్థిక సంవత్సరంలో రూ.1,100 కోట్ల ఆదాయంపై రూ.28.60 కోట్ల నికర లాభాన్ని ఆర్జించింది. ప్రస్తుత ఆర్థిక సంవత్సరంలో రెండంకెల వృద్ధిని సాధించే అవకాశం ఉందన్నారు.

# Ion Exchange and Associate Companies

Publication	Surya (Telugu Newspaper)
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Headline	ANDICOS Waste to Energy plant
Date	March 30, 2018
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## ఆండ్రికోస్ వేస్ట్ టు ఎనర్జీ ప్లాంట్ ప్రారంభం



హైదరాబాద్: నీరు, పర్యావరణ నిర్వహణలో పరిశ్రమ అగ్రగామి అయాన్ఎక్స్చేంజ్ (ఇండియా) లిమిటెడ్ భారతదేశపు మొట్టమొదటి ఆండ్రికోస్ వేస్ట్ టు ఎనర్జీ సిస్టమ్ను హైదరాబాద్లో ప్రారంభించింది. ఆండ్రికోస్ అనేది బెల్జియం కేంద్రంగా కలిగిన వీటో, యరోపెమ్తో భాగస్వామ్యం కలిగిన అయాన్ ఎక్స్చేంజ్ భాగస్వామ్య కార్యక్రమం. ఆండ్రికోస్ డిజైన్లో అత్యాధునిక సాంకేతికతతో కూడిన ఇండికాన్ ఐపీసీ ఎంబీఆం, ఇండియాన్ అడ్వాన్స్డ్ బయో మెథనేషనల్ ప్రాసెస్ కలిసి ఉంటాయి. ఈ సందర్భంగా అయాన్ ఎక్స్చేంజ్ (ఇండియా) లిమిటెడ్ చైర్మన్ అండ్ మేనేజింగ్ డైరెక్టర్ రాజేష్ శర్మ మాట్లాడుతూ గత 50 సంవత్సరాలుగా అయాన్ ఎక్స్చేంజ్ సృజనాత్మకరీతిలో నీటి వ్యర్థ శుద్ధిపరిష్కారాలను కనుగొంటూనే ఉంది. ఆయిల్ అండ్ గ్యాస్, పవర్, ఆటోమొబైల్, టెక్స్టైల్, ఫుడ్ ప్రాసెసింగ్, ఫార్మాస్యూటికల్స్ లాంటి మరెన్నో రంగాలలో నమ్మకమైన భాగస్వాములుగా నిలుస్తున్నామన్నారు.

# Ion Exchange and Associate Companies

Publication	Navrashtra (Marathi Newspaper)
Edition	Mumbai
Headline	First ANDICOS Energy plant
Date	April 5, 2018
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## पहिली अॅण्डिकॉस एनर्जी यंत्रणा

मुंबई : आयन एक्स्चेंज (इंडिया) लिमिटेड या जल व पर्यावरण व्यवस्थापनामधील आघाडीच्या कंपनीने आज हैद्राबादमधील तेलंगणा येथे भारताची पहिली अॅण्डिकॉस वेस्ट टू एनर्जी यंत्रणा दाखल केली आहे. अॅण्डिकॉस हा बेल्जियम येथे मुख्यालय असलेले विटो व युरोपेम यांच्या सहयोगाने आयन एक्स्चेंजचा संयुक्त उपक्रम आहे. सांडपाण्याचे निर्जंतुकीकरण करत शुद्ध पाणी निर्माण करते.

# Ion Exchange and Associate Companies

Publication	Pratahakal (Marathi Newspaper)
Edition	Mumbai
Headline	Ion Exchange launches India's first Waste to Energy plant
Date	April 5, 2018
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## आयन एक्सचेंजतर्फे भारताची पहिली ऑण्डिकॉस वेस्ट टू एनर्जी यंत्रणा सादर सांडपाण्याचे निर्जंतुकीकरण करत शुद्ध पाण्याची निर्मिती करते

मुंबई, दि. ४ (प्रतिनिधी) : आयन एक्सचेंज (इंडिया) लिमिटेड या जल व पर्यावरण व्यवस्थापनामधील आघाडीच्या कंपनीने आज हैद्राबादमधील तेलंगणा येथे भारताची पहिली ऑण्डिकॉस वेस्ट टू एनर्जी यंत्रणा दाखल केली आहे. ऑण्डिकॉस हा बेल्जियम येथे मुख्यालय असलेले विटो व युरोपेम यांच्या सहयोगाने आयन एक्सचेंजचा संयुक्त उद्यम आहे.

ऑण्डिकॉसच्या डिझाईनमध्ये इंडीऑन आयपीसी एमबीआर व इंडीऑन अॅडव्हान्स बायो-मिथेनेशन प्रक्रिया सारख्या अत्याधुनिक तंत्रज्ञानाचा समावेश आहे. इंडीऑन आयपीसी एमबीआर सांडपाण्याचे निर्जंतुकीकरण करत शुद्ध पाण्याची निर्मिती करते, जे पुन्हा वापरता येऊ शकते. इंडीऑन आयपीसी एमबीआर प्रक्रियेमध्ये तयार झालेला गाळ घर व समाजामध्ये आणि इंडीऑन अॅडव्हान्स बायो-मिथेनेशन प्रक्रियेमध्ये तयार झालेल्या केंद्रीय सिंचन कचाऱ्यासोबत एकत्र होते. म्हणूनच ऑण्डिकॉस यंत्रणेमध्ये ओल्या व सुक्या कचऱ्यामधून शुद्ध पाणी, नवीकरणीय ऊर्जा व सेंद्रीय खत प्राप्त होते.

ऑण्डिकॉस वेस्ट टू एनर्जी यंत्रणा केंद्रीयकृत व अकेंद्रीयकृत वापरासाठी

योग्यरीत्या निर्माण करता येऊ शकते. पहिली ऑण्डिकॉस वेस्ट टू एनर्जी यंत्रणा हैद्राबादमधील अक्षयपात्र येथे उभारण्यात आली आहे. अक्षयपात्र येथील नवीन व पूर्णपणे ऑटोमेटेड किचनमधून बाहेर पडणाऱ्या सांडपाणी व सेंद्रीय कचऱ्यावर प्रक्रिया केली जाते. ऑण्डिकॉस वेस्ट टू एनर्जी यंत्रणेमध्ये दररोज जवळपास १००० किग्रॅ सेंद्रीय किचन कचरा आणि २-६ मी सांडपाण्याच्या



गाळावर प्रक्रिया करण्याची क्षमता आहे. ही यंत्रणा दररोज जवळपास २० किलोवॅट/तास वीजनिर्मितीसोबतच १.३५ टन सेंद्रीय खताची निर्मिती करेल. आयन एक्सचेंज (इंडिया) लिमिटेडचे अध्यक्ष व व्यवस्थापकीय संचालक श्री. राजेश शर्मा म्हणाले, '५० वर्षांहून अधिक काळापासून आयन एक्सचेंज जल व कचरा व्यवस्थापन सोल्युशन्समध्ये नाविन्यता आणण्याचा प्रयत्न करत आलेली आहे. आम्ही दोन वर्षांपासून ऑण्डिकॉस

यंत्रणा व तंत्रज्ञानाबाबत संशोधन करत ती विकसित करण्याचा प्रयत्न करत आहोत. आमची सर्व सोल्युशन्स व यंत्रणा जगभरात उपलब्ध असलेल्या प्रगत तंत्रज्ञानावर आधारित आहे. यामुळे आम्हाला आमच्या क्लायंट्सना वैविध्यपूर्ण व कार्यक्षम यंत्रणा देण्यामध्ये मदत होते.'

# Ion Exchange and Associate Companies

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**आयन एक्सचेंजतर्फे  
वेस्ट टू एनर्जी  
यंत्रणा सादर**

● मुंबई। प्रतिनिधी

आयन एक्सचेंज (इंडिया) लिमिटेड या जल व पर्यावरण व्यवस्थापनामधील आघाडीच्या कंपनीने आज हैद्राबादमधील तेलंगणा येथे भारताची पहिली ऑण्डिकॉस वेस्ट टू एनर्जी यंत्रणा दाखल केली आहे. ऑण्डिकॉस हा बेल्जियम येथे मुख्यालय असलेले विटो व युरोपेम यांच्या सहयोगाने आयन एक्सचेंजचा संयुक्त उद्यम आहे.

ऑण्डिकॉसच्या डिझाईनमध्ये इंडीऑन आयपीसी एमबीआर व इंडीऑन ऍडव्हान्स बायो-मिथेनेशन प्रक्रिया सारख्या अत्याधुनिक तंत्रज्ञानाचा समावेश आहे. इंडीऑन आयपीसी एमबीआर सांडपाण्याचे निर्जंतुकीकरण करत शुद्ध पाण्याची निर्मिती करते, जे पुन्हा वापरता येऊ शकते. इंडीऑन आयपीसी एमबीआर प्रक्रियेमध्ये तयार झालेला गाळ घर व समाजामध्ये आणि इंडीऑन ऍडव्हान्स बायो-मिथेनेशन प्रक्रियेमध्ये तयार झालेल्या केंद्रीय सिचन कचा-यासोबत एकत्र होतो. म्हणूनच ऑण्डिकॉस यंत्रणेमध्ये ओल्या व सुक्या कच-यामधून शुद्ध पाणी, नवीकरणीय ऊर्जा व सेंद्रीय खत प्राप्त होते.

# Ion Exchange and Associate Companies

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## आयन एक्सचेंजतर्फे अॅण्डिकॉस वेस्ट टू एनर्जी यंत्रणा सादर

■ मुंबई । प्रतिनिधी

आयन एक्सचेंज (इंडिया) लिमिटेड या जल व पर्यावरण व्यवस्थापनामधील आघाडीच्या कंपनीने आज हैद्राबादमधील तेलंगणा येथे भारताची पहिली अॅण्डिकॉस वेस्ट टू एनर्जी यंत्रणा दाखल केली आहे. अॅण्डिकॉस हा बेल्जियम येथे मुख्यालय असलेले विटो व युरोपेम यांच्या सहयोगाने आयन एक्सचेंजचा संयुक्त उद्यम आहे.

अॅण्डिकॉसच्या डिझाईनमध्ये इंडीऑन आयपीसी एमबीआर व इंडीऑन ऍडव्हान्स बायो-मिथेनेशन प्रक्रिया सारख्या अत्याधुनिक तंत्रज्ञानाचा समावेश आहे.

इंडीऑन आयपीसी एमबीआर सांडपाण्याचे निर्जंतुकीकरण करत शुद्ध पाण्याची निर्मिती करते, जे पुन्हा वापरता येऊ शकते. इंडीऑन आयपीसी एमबीआर प्रक्रियेमध्ये तयार झालेला गाळ घर व समाजामध्ये आणि इंडीऑन ऍडव्हान्स बायो-मिथेनेशन प्रक्रियेमध्ये तयार



झालेल्या केंद्रीय सिंचन कचा-यासोबत एकत्र होतो. म्हणूनच अॅण्डिकॉस यंत्रणेमध्ये ओल्या व सुक्या कच-यामधून शुद्ध पाणी, नवीकरणीय ऊर्जा व सेंद्रीय खत प्राप्त होते.

अॅण्डिकॉस वेस्ट टू एनर्जी यंत्रणा केंद्रीयकृत व अकेंद्रीयकृत वापरासाठी योग्यरीत्या निर्माण करता येऊ शकते. पहिली अॅण्डिकॉस वेस्ट टू एनर्जी यंत्रणा हैद्राबादमधील अक्षयपात्र येथे उभारण्यात आली आहे.

अक्षयपात्र येथील नवीन व पूर्णपणे ऑटोमेटेड किचनमधून बाहेर पडणा-या सांडपाणी व सेंद्रीय कच-यावर प्रक्रिया केली जाते. अॅण्डिकॉस वेस्ट टू एनर्जी यंत्रणेमध्ये दररोज जवळपास १००० किग्रॅ सेंद्रीय किचन कचरा आणि २-६ मी सांडपाण्याच्या गाळावर प्रक्रिया करण्याची क्षमता आहे.

# Ion Exchange and Associate Companies

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## आयन एक्सचेंजतर्फे भारताची पहिली ऑण्डिकॉस वेस्ट टू एनर्जी यंत्रणा

● मुंबई | प्रतिनिधी

आयन एक्सचेंज (इंडिया) लिमिटेड या जल व पर्यावरण व्यवस्थापनामधील आघाडीच्या कंपनीने आज हैद्राबादमधील तेलंगणा येथे भारताची पहिली ऑण्डिकॉस वेस्ट टू एनर्जी यंत्रणा दाखल केली आहे. ऑण्डिकॉस हा बेल्जियम येथे मुख्यालय असलेले व्हिटो व युरोपेम यांच्या सहयोगाने आयन एक्सचेंजचा संयुक्त उद्यम आहे.

ऑण्डिकॉसच्या डिझाईनमध्ये इंडीऑन आयपीसी एमबीआर व इंडीऑन एंडव्हान्स बायो-मिथेनेशन प्रक्रिया सारख्या अत्याधुनिक तंत्रज्ञानाचा समावेश आहे. इंडीऑन आयपीसी एमबीआर सांडपाण्याचे निर्जंतुकीकरण करत शुद्ध पाण्याची निर्मिती करते, जे पुन्हा वापरता येऊ शकते. इंडीऑन आयपीसी एमबीआर प्रक्रियेमध्ये तयार झालेला गाळ घर व समाजामध्ये आणि इंडीऑन अॅडव्हान्स बायो-मिथेनेशन प्रक्रियेमध्ये तयार झालेल्या केंद्रीय सिंचन कचऱ्यासोबत एकत्र होतो. म्हणूनच ऑण्डिकॉस

यंत्रणेमध्ये ओल्या व सुक्या कचऱ्यामधून शुद्ध पाणी, नवीकरणीय ऊर्जा व सेंद्रीय खत प्राप्त होते.

ऑण्डिकॉस वेस्ट टू एनर्जी यंत्रणा केंद्रीयकृत व अकेंद्रीयकृत वापरासाठी योग्यरीत्या निर्माण करता येऊ शकते. पहिली ऑण्डिकॉस वेस्ट टू एनर्जी यंत्रणा हैद्राबादमधील अक्षयपात्र येथे उभारण्यात आली आहे. अक्षयपात्र येथील नवीन व पूर्णपणे ऑटोमेटेड किचनमधून बाहेर पडणाऱ्या सांडपाणी व सेंद्रीय कचऱ्यावर प्रक्रिया केली जाते. ऑण्डिकॉस वेस्ट टू एनर्जी यंत्रणेमध्ये दररोज जवळपास १०००-किग्रॅ सेंद्रीय किचन कचरा आणि २-६ मी सांडपाण्याच्या गाळावर प्रक्रिया करण्याची क्षमता आहे. ही यंत्रणा दररोज जवळपास २० किलोवॉट/तास वीजनिर्मितीसोबतच १.३५ टन सेंद्रीय खताची निर्मिती करेल. आयन एक्सचेंज (इंडिया) लिमिटेडचे अध्यक्ष व व्यवस्थापकीय संचालक राजेश शर्मा म्हणाले, '५० वर्षांहून अधिक काळापासून आयन एक्सचेंज जल व कचरा व्यवस्थापन सोल्यूशन्समध्ये नाविन्यता आणण्याचा प्रयत्न करत आलेली आहे.

# Ion Exchange and Associate Companies

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## आयन एक्सचेंजतर्फे अॅण्डिकॉस वेस्ट टू एनर्जी यंत्रणा

। ठाणे प्रतिनिधी।

आयन एक्सचेंज, इंडिया या जल व पर्यावरण व्यवस्थापनामधील आघाडीच्या कंपनीने हैदराबादमधील तेलंगणा येथे भारताची पहिली अॅण्डिकॉस वेस्ट टू एनर्जी यंत्रणा दाखल केली आहे. अॅण्डिकॉस हा बेल्जियम येथे मुख्यालय असलेले विटो व युरोपेम यांच्या सहयोगाने आयन एक्सचेंजचा संयुक्त प्रकल्प आहे. अॅण्डिकॉसच्या डिझाईनमध्ये इंडीऑन आयपीसी एमबीआर व इंडीऑन ऍडव्हान्स बायो-मिथेनेशन प्रक्रिया सारख्या अत्याधुनिक तंत्रज्ञानाचा समावेश आहे. इंडीऑन आयपीसी एमबीआर सांडपाण्याचे निर्जंतुकीकरण करत शुद्ध पाण्याची निर्मिती करते, जे पुन्हा वापरता येऊ शकते. इंडीऑन आयपीसी एमबीआर प्रक्रियेमध्ये तयार झालेला गाळ घर व समाजामध्ये आणि इंडीऑन ऍडव्हान्स बायो-मिथेनेशन प्रक्रियेमध्ये तयार झालेल्या केंद्रीय सिंचन कचऱ्यासोबत एकत्र होतो. म्हणूनच अॅण्डिकॉस यंत्रणेमध्ये ओल्या व सुक्या कचऱ्यामधून शुद्ध पाणी, नवीकरणीय ऊर्जा व सेंद्रीय खत प्राप्त होते.

जगभरातील प्रगत तंत्रज्ञानावर आधारित अॅण्डिकॉस वेस्ट टू एनर्जी यंत्रणा केंद्रीयकृत व अकेंद्रीयकृत वापरासाठी योग्यरीत्या निर्माण करता येऊ शकते. पहिली अॅण्डिकॉस वेस्ट टू एनर्जी यंत्रणा हैदराबादमधील अक्षयपात्र येथे उभारण्यात आली आहे. अक्षयपात्र येथील नवीन व पूर्णपणे ऑटोमेटेड किचनमधून बाहेर पडणा-या सांडपाणी व सेंद्रीय कच-यावर प्रक्रिया केली जाते. अॅण्डिकॉस वेस्ट टू एनर्जी यंत्रणेमध्ये दररोज जवळपास १००० किग्रॅ सेंद्रीय किचन कचरा आणि २-६ मी सांडपाण्याच्या गाळावर प्रक्रिया करण्याची क्षमता आहे. ही यंत्रणा दररोज जवळपास २० किलोवॅट/तास वीजनिर्मितीसोबतच १.३५ टन सेंद्रीय खताची निर्मिती करेल. आयन एक्सचेंज (इंडिया) लिमिटेडचे अध्यक्ष व व्यवस्थापकीय संचालक राजेश शर्मा म्हणाले, ५० वर्षांहून अधिक काळापासून आयन एक्सचेंज जल व कचरा व्यवस्थापन सोल्यूशन्समध्ये नाविन्यता आणण्याचा प्रयत्न करत आलेली आहे. आम्ही दोन वर्षांपासून अॅण्डिकॉस यंत्रणा व तंत्रज्ञानाबाबत संशोधन करत ती विकसित करण्याचा प्रयत्न करत आहोत. आमची सर्व सोल्यूशन्स व यंत्रणा जगभरात उपलब्ध असलेल्या प्रगत तंत्रज्ञानावर आधारित आहे.

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## आयन एक्सचेंजतर्फे भारताची पहिली अॅण्डिकॉस वेस्ट टू एनर्जी यंत्रणा

मुंबई - आयन एक्सचेंज (इंडिया) लिमिटेड या जल व पर्यावरण व्यवस्थापनामधील आघाडीच्या कंपनीने हैदराबादमधील तेलंगणा येथे भारताची पहिली अॅण्डिकॉस वेस्ट टू एनर्जी यंत्रणा दाखल केली आहे. अॅण्डिकॉस हा बेल्जियम येथे मुख्यालय असलेले विटो व युरोपेम यांच्या सहयोगाने आयन एक्सचेंजचा संयुक्त उपक्रम आहे. अॅण्डिकॉसच्या डिझाईनमध्ये इंडीऑन आयपीसी एमबीआर व इंडीऑन ऍडव्हान्स बायो-मिथेनेशन प्रक्रिया सारख्या अत्याधुनिक तंत्रज्ञानाचा समावेश आहे. इंडीऑन आयपीसी एमबीआर सांडपाण्याचे निर्जंतुकीकरण करत शुद्ध पाण्याची निर्मिती करते, जे पुन्हा वापरता येऊ शकते. इंडीऑन आयपीसी एमबीआर प्रक्रियेमध्ये तयार झालेला गाळ घर व समाजामध्ये आणि इंडीऑन ऍडव्हान्स बायो-मिथेनेशन प्रक्रियेमध्ये तयार झालेल्या केंद्रीय सिंचन कचऱ्यासोबत एकत्र होतो. म्हणूनच अॅण्डिकॉस यंत्रणेमध्ये ओल्या व सुक्या कचऱ्यामधून शुद्ध पाणी, नवीकरणीय ऊर्जा व सेंद्रीय खत प्राप्त होते, असे आयन एक्सचेंज (इंडिया) लि.चे अध्यक्ष व व्यवस्थापकीय संचालक राजेश शर्मा म्हणाले.



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## सांडपाणी निर्जंतुकीकरण सक्षम यंत्रणा



**आ**यन एक्स्चेंज (इंडिया) लिमिटेड या जल व पर्यावरण व्यवस्थापनामधील आघाडीच्या कंपनीने आज हैदराबादमधील तेलंगणा येथे भारताची पहिली ऑण्डिकॉस वेस्ट टू एनर्जी यंत्रणा दाखल केली आहे. ऑण्डिकॉस हे बेल्जियम येथे मुख्यालय असलेले विटो व युरोपेम यांच्या सहयोगाने आयन एक्स्चेंजचा संयुक्त उद्यम आहे.

ऑण्डिकॉसच्या डिझाईनमध्ये इंडिऑन आयपीसी एमबीआर व इंडिऑन अॅडव्हान्स बायो-मिथेनेशन प्रक्रिया सारख्या अत्याधुनिक तंत्रज्ञानाचा समावेश आहे. इंडिऑन आयपीसी एमबीआर सांडपाण्याचे निर्जंतुकीकरण करत शुद्ध पाण्याची निर्मिती करते, जे पुन्हा वापरता येऊ शकते. इंडिऑन आयपीसी एमबीआर प्रक्रियेमध्ये तयार झालेला गाळ घर व समाजामध्ये आणि इंडिऑन अॅडव्हान्स बायो-मिथेनेशन प्रक्रियेमध्ये तयार झालेल्या केंद्रीय सिंचन कचऱ्यासोबत एकत्र होतो. म्हणूनच ऑण्डिकॉस यंत्रणेमध्ये ओल्या व सुक्या कचऱ्यामधून शुद्ध पाणी, नवीकरणीय ऊर्जा व सेंद्रीय खत प्राप्त होते.

ऑण्डिकॉस वेस्ट टू एनर्जी यंत्रणा केंद्रीयकृत व

सांडपाण्याचे  
निर्जंतुकीकरण करत शुद्ध  
पाण्याची निर्मिती करते

अकेंद्रीयकृत वापरासाठी योग्यरीत्या निर्माण करता येऊ शकते. पहिली ऑण्डिकॉस वेस्ट टू एनर्जी यंत्रणा हैदराबादमधील अक्षयपात्र येथे उभारण्यात आली आहे. अक्षयपात्र येथील नवीन व पूर्णपणे ऑटोमेटेड किचनमधून बाहेर पडणाऱ्या सांडपाणी व सेंद्रीय कचऱ्यावर प्रक्रिया केली जाते. ऑण्डिकॉस वेस्ट टू एनर्जी यंत्रणेमध्ये दररोज जवळपास १००० किग्रॅ सेंद्रीय किचन कचरा आणि २-६ मी सांडपाण्याच्या गाळावर प्रक्रिया करण्याची क्षमता आहे. ही यंत्रणा दररोज जवळपास २० किलोवॅट/तास वीजनिर्मितीसोबतच १.३५ टन सेंद्रीय खताची निर्मिती करेल.

# Ion Exchange and Associate Companies

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Date	April 7, 2018
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 **ION EXCHANGE**  
Refreshing the Planet

आयन  
एक्सचेंजतर्फे  
भारताची पहिली  
ऑण्डिकॉस वेस्ट  
टू एनर्जी यंत्रणा  
सादर

आयन एक्सचेंज (इंडिया) लिमिटेड या जल व पर्यावरण व्यवस्थापनामधील आघाडीच्या कंपनीने आज हैद्राबादमधील तेलंगणा येथे भारताची पहिली ऑण्डिकॉस वेस्ट टू एनर्जी यंत्रणा दाखल केली आहे. ऑण्डिकॉस हा बेल्जियम येथे मुख्यालय असलेले विटो व युरोपेय यांच्या सहयोगाने आयन एक्सचेंजचा संयुक्त उद्यम आहे.

ऑण्डिकॉसच्या डिझाईनमध्ये इंडीऑन आयपीसी एमबीआर व इंडीऑन अॅडव्हान्स बायो-मिथेनेशन प्रक्रिया सारख्या अत्याधुनिक तंत्रज्ञानाचा समावेश आहे. इंडीऑन आयपीसी एमबीआर सांडपाण्याचे निर्जंतुकीकरण करत शुद्ध पाण्याची निर्मिती करते, जे पुन्हा वापरता येऊ शकते.

इंडीऑन आयपीसी एमबीआर प्रक्रियेमध्ये तयार झालेला गाळ घर व समाजामध्ये आणि इंडीऑन अॅडव्हान्स बायो-मिथेनेशन प्रक्रियेमध्ये तयार झालेल्या केंद्रीय सिंचन कचरा-यासोबत एकत्र होते.

म्हणूनच ऑण्डिकॉस यंत्रणेमध्ये ओल्या व सुक्या कचऱ्यामधून शुद्ध पाणी, नवीकरणीय ऊर्जा व सेंद्रीय खत प्राप्त होते.

ऑण्डिकॉस वेस्ट टू एनर्जी यंत्रणा केंद्रीयकृत व अकेंद्रीयकृत वापरासाठी योग्यरीत्या निर्माण करता येऊ शकते. पहिली ऑण्डिकॉस वेस्ट टू एनर्जी यंत्रणा

हैद्राबादमधील अक्षयपात्र येथे उभारण्यात आली आहे. अक्षयपात्र येथील नवीन व पूर्णपणे ऑटोमेटेड किचनमधून बाहेर पडणा-या सांडपाणी व सेंद्रीय

कच-यावर प्रक्रिया केली जाते. ऑण्डिकॉस वेस्ट टू एनर्जी यंत्रणेमध्ये दररोज जवळपास १००० किग्रॅ सेंद्रीय किचन कचरा आणि

२-६ मी सांडपाण्याच्या गाळावर प्रक्रिया करण्याची क्षमता आहे. ही यंत्रणा दररोज जवळपास २० किलोवॅट/तास

वीजनिर्मितीसोबतच १.३५ टन सेंद्रीय खताची निर्मिती करेल.



# Ion Exchange and Associate Companies

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Page	5

**आयन एक्सचेंज भारताची पहिली  
ऑण्डिकॉस वेस्ट टू एनर्जी यंत्रणा सादर**

**मुंबई:-** आयन एक्सचेंज (इंडिया) लिमिटेड या जल व पर्यावरण व्यवस्थापनामधील आघाडीच्या कंपनीने हैद्राबादमधील तेलंगणा येथे भारताची पहिली ऑण्डिकॉस वेस्ट टू एनर्जी यंत्रणा दाखल केली आहे. ऑण्डिकॉस हा बेलजियम येथे मुख्यालय असलेले विटो व युरोपेम यांच्या सहयोगाने आयन एक्सचेंजचा संयुक्त उद्यम आहे.

ऑण्डिकॉसच्या डिझाईनमध्ये इंडीऑन आयपीसी एमबीआर व इंडीऑन ऍडव्हान्स बायो-मिथेनेशन प्रक्रियासारख्या अत्याधुनिक तंत्रज्ञानाचा समावेश आहे. इंडीऑन आयपीसी एमबीआर प्रक्रियेमध्ये तयार झालेला गाळ घर व समाजामध्ये आणि इंडीऑन ऍडव्हान्स बायो-मिथेनेशन प्रक्रियेमध्ये तयार झालेल्या केंद्रीय सिंचन कचऱ्यासोबत एकत्र होतो. म्हणूनच ऑण्डिकॉस यंत्रणेमध्ये ओल्या व सुक्या कचऱ्यामधून शुध्द पाणी, नवीकरणीय ऊर्जा व सेंद्रीय खत प्राप्त होते.

ऑण्डिकॉस वेस्ट टू एनर्जी यंत्रणा केंद्रीयकृत व अकेंद्रीयकृत वापरासाठी योग्यरीत्या निर्माण करता येऊ शकते. पहिली ऑण्डिकॉस वेस्ट टू एनर्जी यंत्रणा हैद्राबादमधील अक्षयपात्र येथे उभारण्यात आली आहे. अक्षयपात्र येथील नवीन व पूर्णपणे ऑटोमेटेड किचनमधून बाहेर पडणाऱ्या सांडपाणी व सेंद्रीय कचऱ्यावर प्रक्रिया केली जाते. ऑण्डिकॉस वेस्ट टू एनर्जी यंत्रणेमध्ये दररोज जवळपास १००० कि.ग्रॅ. सेंद्रीय किचन कचऱा आणि २-६ मी सांडपाण्याच्या गाळावर प्रक्रिया करण्याची क्षमता आहे. ही यंत्रणा दररोज जवळपास २० किलोवॅट/तास वीजनिर्मितीसोबतच १.३५ टन सेंद्रीय खताची निर्मिती करेल.

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Page	3

**गंदा पाणी मांथी शुद्ध पाणीनी  
निर्मिती करती यंत्रणा रजू कराई**

मुंबई । आयन एक्सचेंज द्वारा देशनी प्रथम अेन्डिकॉस वेस्ट टू एनर्जी यंत्रणा दाखल करवामां आली छे. अेन्डिकॉस बेल्जियममां मुख्यालय धरावती विटो अने युरोपेमना सहयोगाथी आयन एक्सचेंजनुं संयुक्त साहस छे. अेन्डिकॉसनी डिजाईनमां ईन्डियोन आईपीसी अेमबीआर अने ईन्डियोन अेडव्हान्स बायो-मिथेनेशन प्रक्रिया जेवी अत्याधुनिक टेकनोलॉजीनी समावेश धाय छे. ईन्डियोन आईपीसी अेमबीआर गंदा पाणीनुं निर्जंतुकीकरण करीने शुद्ध पाणीनी निर्मिती करे छे, जे इरीधी उपयोग करी शकाय छे. ईन्डियोन आईपीसीअेमबीआर प्रक्रियामां तयार धयेलो गार घर अने समाजमां अने ईन्डियोन अेडव्हान्स बायो-मिथेनेशन प्रक्रिया तयार धयेला केंद्रीय सिंचन कचरा साथे बेगो धाय छे, जेथी अेन्डिकॉस यंत्रणांमोनी अने सूका कचरांमोथी शुद्ध पाणी, नवीनीकरणक्षम ऊर्जा अने सेन्द्रिय भातर प्राप्त धाय छे.

# Ion Exchange and Associate Companies

Publication	Dalal Street Investment Journal (Business Websites)
Edition	Online
Headline	Ion Exchange launches ANDICOS waste to energy plant in Hyderabad
Date	March 29, 2018
URL	<a href="https://www.dsj.in/DSIJArticleDetail/ArtMID/10163/ArticleID/1283/Ion-Exchange-launches-ANDICOS-waste-to-energy-plant-in-Hyderabad">https://www.dsj.in/DSIJArticleDetail/ArtMID/10163/ArticleID/1283/Ion-Exchange-launches-ANDICOS-waste-to-energy-plant-in-Hyderabad</a>

## **Ion Exchange launches ANDICOS waste to energy plant in Hyderabad**

Leading environment management company, Ion Exchange commissioned the country's first ANDICOS waste to energy production system in Hyderabad, Telengana.

This ANDICOS waste to energy system is set up at Akshaya Patra kitchen in Hyderabad.

Built in collaboration with European companies Europem and VITO, ANDICOS integrates state-of-the-art technologies. The technologies include INDION IPC MBR and INDION advanced bio-methanation process. The ANDICOS system extracts purified water, energy and organic fertiliser from waste. The system can be easily custom-built according to the specification of industries or municipalities.

Ion Exchange has a diversified product range. It offers one-stop water treatment solutions and is engaged in the manufacture ion exchange resins and speciality chemicals for water and wastewater treatment. The company also provides treatment solutions for non-water applications. On the results front for the December quarter FY18, the company reported revenue of Rs. 242.94 crore as compared to Rs. 217.08 crore in the September FY18. The company registered a net profit of Rs. 8.85 crore as compared to Rs. 7.92 crore in the September FY18.

On Wednesday, the stock of Ion Exchange closed at Rs. 497.65 per share, up by Rs. 23.25 or 4.90 per cent.

# Ion Exchange and Associate Companies

Publication	Equity Bulls (Business Websites)
Edition	Online
Headline	Ion Exchange India Ltd. launches India's first ANDICOS Waste to Energy plant in Hyderabad
Date	March 29, 2018
URL	<a href="http://equitybulls.com/admin/news2006/news_det.asp?id=225197">http://equitybulls.com/admin/news2006/news_det.asp?id=225197</a>

## **Ion Exchange India Ltd. launches India's first ANDICOS Waste to Energy plant in Hyderabad**

Posted On: **2018-03-29 04:14:07**

Industry leaders in water and environment management, Ion Exchange (India) Limited; today launches and commissions India's first ANDICOS Waste to Energy system in Hyderabad, Telangana. ANDICOS is a joint initiative of Ion Exchange in collaboration with Belgium headquartered VITO and Europem.

The ANDICOS design integrates state-of-the-art technologies like INDION IPC MBR and INDION Advanced Bio-methanation process. INDION IPC MBR treats raw sewage and produces purified water that can be reused. The sludge generated in the INDION IPC MBR process is then combined with organic kitchen waste generated in homes and communities in INDION Advanced Bio-methanation process. Thus, the ANDICOS system recovers purified water, renewable energy and organic fertiliser from liquid and solid waste.

The ANDICOS Waste to Energy plant can be built modularly for centralised and decentralised uses and can also be customised for large municipal installations. The first ANDICOS Waste to Energy plant has been set up at Akshaya Patra in Hyderabad to treat waste water and organic waste from its new and fully automated kitchen. The ANDICOS Waste to Energy plant has a capacity to treat approximately 1000 kgs of organic kitchen waste and 2 - 6m<sup>3</sup> of sewage sludge on a daily basis and will generate approximately 20 KW/H of electrical power along with 1.35 tonnes of rich organic fertiliser per day.

On launching the company's first Waste to Energy plant in India, Mr. Rajesh Sharma, Chairman and Managing Director, Ion Exchange (India) Limited said, "For over 50 years, Ion Exchange has been innovating water and waste treatment solutions. We have been preferred and trusted partners to diverse sectors like Oil & Gas, Power, Automobile, Textile, Food Processing, Pharmaceuticals and many more. We have been researching and developing the ANDICOS system and technology for over two years. All our solutions and systems are based on the most advanced technologies available across the globe. This allows us to provide our clients with customised need based systems that are versatile and performance oriented."

Also present at the launch of the project, Mr. Ajay Popat, President, Ion Exchange (India) Limited said, "There is a strong need to consider and implement solutions that promote sustainability. Water shortage has been a major concern and this is only followed by the problem of untreated waste. The new ANDICOS plant is unique as it integrates technology to combine solid organic waste and waste water to generate power, water and fertiliser that can be used thereafter. Simultaneously, the plant also can be integrated to treat sewage making it a complete and all round solution. We are certain that this new technology will add value and promote sustainable development across the country."

# Ion Exchange and Associate Companies

Shares of ION EXCHANGE (INDIA) LTD. was last trading in BSE at Rs.498.1 as compared to the previous close of Rs. 474.4. The total number of shares traded during the day was 6775 in over 153 trades.

The stock hit an intraday high of Rs. 498.1 and intraday low of 465.1. The net turnover during the day was Rs. 3317671.

# Ion Exchange and Associate Companies

Publication	The Economic Times
Edition	Online
Headline	Dozen municipalities evinced interest in waste to energy plant: Ion Exchange
Date	March 29, 2018
URL	<a href="https://economictimes.indiatimes.com/industry/energy/power/dozen-municipalities-evinced-interest-in-waste-to-energy-plant-ion-exchange/articleshow/63534130.cms">https://economictimes.indiatimes.com/industry/energy/power/dozen-municipalities-evinced-interest-in-waste-to-energy-plant-ion-exchange/articleshow/63534130.cms</a>

## **Dozen municipalities evinced interest in waste to energy plant: Ion Exchange**

Nearly a dozen municipal bodies across the country have evinced interest in converting waste to energy and are in active discussions for deployment of such technologies which forms an essential part of Smart Cities mission, said president of Ion Exchange, Ajay Popat.

The company, which unveiled its first waste to energy plant for civil bodies on Thursday and is being deployed at not-for-profit organisation Akshaya Patra's centre in Hyderabad, is investing nearly Rs 7 crore.

"This will be a demonstrating model for community kitchen organisers and municipal bodies who are increasingly focusing on converting waste into energy. We are already in active talks with municipal bodies in Mumbai, Delhi, Telangana and Andhra Pradesh among many others," said Popat.

The company has also been entrusted with setting up this technology for Spiritual leader Baba Ramdev-led Patanjali Ayurved.

The technology has been developed in collaboration with Belgium-headquartered VITO and Europem and has a capacity to treat approximately 1,000 kg of organic kitchen waste and 2-6 cubic metre of sewage sludge on a daily basis and will help generate nearly 20 kilo what per hour of electrical power along with 1.35 tons of rich organic fertilizer daily.

# Ion Exchange and Associate Companies

Publication	The Hindu
Edition	Online
Headline	Putting waste to good use
Date	March 30, 2018
URL	<a href="http://www.thehindu.com/news/cities/Hyderabad/putting-waste-to-good-use/article23385913.ece">http://www.thehindu.com/news/cities/Hyderabad/putting-waste-to-good-use/article23385913.ece</a>

## Putting waste to good use



Ajay Popat, president of Ion Exchange (India) Ltd, addressing the media in the city on Thursday.

### Ion Exchange sets up waste-to-energy project with ₹7 crore

Water and environment management solutions provider Ion Exchange (India) Ltd commissioned a waste-to-energy project in Hyderabad that integrates technology to combine solid organic waste and waste water to generate power, purified water and fertilizer.

The company intends to use the facility, established at Akshaya Patra's community kitchen on the city outskirts, as a demonstration project for prospective customers.

Stating that it was the country's first such waste-to-energy system, Ion Exchange (India) president Ajay Popat said it was based on the ANDICOS (anaerobic digestion by combining waste stream) design. While projects based on ANDICOS had been deployed for the industrial consumers, it was being used for the first time for community segment, he told presspersons here on Thursday.

### Organic fertilizer

The project, established by the company at Akshaya Patra, has a capacity to treat around 1,000 kg of organic kitchen waste and 2-6 cubic metre of sewage sludge on a daily basis. It will generate about 20KW/H of electrical power along with 1.35 tonnes of organic fertilizer per day.

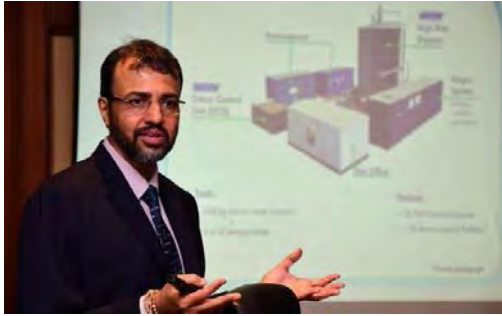
Noting that the company had set up the plant with ₹7 crore, Mr. Popat said the company would be showcasing the facility to prospective customers in the government. Among the agencies that were either working or evaluating the prospects of engaging with Ion Exchange include the municipal corporation of Mumbai, Delhi Jal Board as well as the Administrative Staff College of India (ASCI) on behalf of the Telangana government.



# Ion Exchange and Associate Companies

Publication	Nyoooz
Edition	Online
Headline	Putting waste to good use
Date	March 30, 2018
URL	<a href="https://www.nyoooz.com/news/hyderabad/1070212/putting-waste-to-good-use/">https://www.nyoooz.com/news/hyderabad/1070212/putting-waste-to-good-use/</a>

## Putting waste to good use



**Water and environment management solutions provider Ion Exchange (India) Ltd commissioned a waste-to-energy project in Hyderabad that integrates technology to combine solid organic waste and waste water to generate power, purified water and fertilizer. Ajay Popat, president of Ion Exchange (India) Ltd, addressing the media in the city on Thursday. Stating**

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While projects based on ANDICOS had been deployed for the industrial consumers, it was being used for the first time for community segment, he told presspersons here on Thursday. Organic fertilizer The project, established by the company at Akshaya Patra, has a capacity to treat around 1,000 kg of organic kitchen waste and 2-6 cubic metre of sewage sludge on a daily basis.

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Among the agencies that were either working or evaluating the prospects of engaging with Ion Exchange include the municipal corporation of Mumbai, Delhi Jal Board as well as the Administrative Staff College of India (ASCI) on behalf of the Telangana government..

# Ion Exchange and Associate Companies

Publication	Telangana First
Edition	Online
Headline	Putting waste to good use
Date	March 30, 2018
URL	<a href="http://www.telanganafirst.in/?p=8321">http://www.telanganafirst.in/?p=8321</a>

## **Putting waste to good use**



Ajay Popat, president of Ion Exchange (India) Ltd, addressing the media in the city on Thursday.

### **Ion Exchange sets up waste-to-energy project with ₹7 crore**

Water and environment management solutions provider Ion Exchange (India) Ltd commissioned a waste-to-energy project in Hyderabad that integrates technology to combine solid organic waste and waste water to generate power, purified water and fertilizer.

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### **Organic fertilizer**

The project, established by the company at Akshaya Patra, has a capacity to treat around 1,000 kg of organic kitchen waste and 2-6 cubic metre of sewage sludge on a daily basis. It will generate about 20KW/H of electrical power along with 1.35 tonnes of organic fertilizer per day.

Noting that the company had set up the plant with ₹7 crore, Mr. Popat said the company would be showcasing the facility to prospective customers in the government. Among the agencies that were either working or evaluating the prospects of engaging with Ion Exchange include the municipal corporation of Mumbai, Delhi Jal Board as well as the Administrative Staff College of India (ASCI) on behalf of the Telangana government.

# Ion Exchange and Associate Companies

Publication	MoneyControl (Business Websites)
Edition	Online
Headline	Ion Exchange opens plant in Hyderabad to tap energy from waste
Date	March 29, 2018
URL	<a href="https://www.moneycontrol.com/news/business/ion-exchange-opens-plant-in-hyderabad-to-tap-energy-from-waste-2539493.html">https://www.moneycontrol.com/news/business/ion-exchange-opens-plant-in-hyderabad-to-tap-energy-from-waste-2539493.html</a>

## **Ion Exchange opens plant in Hyderabad to tap energy from waste**

**Water treatment and environment management company Ion Exchange (India) Ltd today commissioned a plant here to convert waste into energy.**

**[PTI@moneycontrol.com](mailto:PTI@moneycontrol.com)**

Water treatment and environment management company Ion Exchange (India) Ltd today commissioned a plant here to convert waste into energy.

The company claimed that the plant, a joint initiative of Ion Exchange and Belgium-headquartered VITO, was the first of its kind in India.

The plant would treat waste water and organic waste from its new and fully-automated kitchen, it said.

The president of the Ion Exchange Ajay Popat said, "The new ANDICOS plant is unique as it integrates technology to combine solid organic waste and waste water to generate power, water and fertiliser."

The company said it has been researching and developing the ANDICOS system and technology of tapping energy from waste for over two years.

# Ion Exchange and Associate Companies

Publication	The Hindu Business Line
Edition	Online
Headline	Ion Exchange offers waste-to-energy solutions to smart cities
Date	March 29, 2018
URL	<a href="https://www.thehindubusinessline.com/companies/ion-exchange-offers-waste-to-energy-solutions-to-smart-cities/article23382767.ece">https://www.thehindubusinessline.com/companies/ion-exchange-offers-waste-to-energy-solutions-to-smart-cities/article23382767.ece</a>

## Ion Exchange offers waste-to-energy solutions to smart cities

Water and environment management solutions company, Ion Exchange (India) Ltd is eyeing a diverse set of turnkey solutions for the upcoming smart city projects in the country, including waste-to-energy solutions. With more than 7,000 tonnes of waste generated each day in large metros such as Mumbai and Delhi, the local administrations are seeking integrated solutions. The upcoming smart cities, too, are looking at waste-to-energy solutions as part of the larger plan.

“As a company which offers integrated waste management solutions to large corporates and corporations, we are engaged in talks with several municipal corporations to offer our solutions. There is a strong need to consider and implement solutions that promote sustainability,” Ajay Popat, President, Ion Exchange (India) Ltd, said.

Rajesh Sharma, Chairman and Managing Director, Ion Exchange (India) Ltd said, “For over 50 years, Ion Exchange has been innovating water and waste treatment solutions. Our solutions allow us to provide our clients customised need-based systems that are versatile and performance-oriented.”

With over five decades of business and revenues of Rs 1,030 crore, Ion Exchange is looking at the next phase of growth in the country and in select markets abroad, including Sri Lanka, where it has bagged a mega project of about \$200 million, to be executed over the next three-four years. “The company exports, now at 32 per cent, are expected to go up to 40 per cent within two years. The company is looking at a growth of 15 per cent next year,” Popat said.

## ANDICOS

The company commissioned what it described as the country's first Andicos Waste to Energy system for a project in Hyderabad. Andicos is a joint initiative of Ion Exchange with Belgium-headquartered VITO and Europem. The Andicos design and technology solutions provides an integrated waste-to-energy solution through the bio-methanation process.

While the treated raw sewage is transformed into purified water that can be reused, the sludge generated in the process is then combined with organic kitchen waste generated in homes and communities. This is then used as purified water, renewable energy and organic fertiliser from liquid and solid waste. The Rs 7-crore plant has been set up by Ion Exchange at Akshaya Patra, a fully-automated community kitchen near Hyderabad to treat waste water and organic waste.

# Ion Exchange and Associate Companies

Publication	Corporate Ethos
Edition	Online
Headline	
Date	March 29, 2018
URL	<a href="http://corporateethos.com/green-initiatives/ion-exchange-launches-system-to-convert-raw-sewage-to-purified-water/">http://corporateethos.com/green-initiatives/ion-exchange-launches-system-to-convert-raw-sewage-to-purified-water/</a>

## Ion Exchange Launches System to Convert Raw Sewage to Purified Water



Ion Exchange (India) Ltd (BSE: 500214) has announced the launch of India's first ANDICOS Waste to Energy system in Hyderabad, Telangana in collaboration with Belgium based VITO and Europem.

The ANDICOS design integrates state-of-the-art technologies like INDION IPC MBR and INDION Advanced Bio-methanation process. INDION IPC MBR treats raw sewage and produces purified water that can be reused. The sludge generated in the INDION IPC MBR process is then combined with organic kitchen waste generated in homes and communities in INDION Advanced Bio-methanation process. Thus, the ANDICOS system recovers purified water, renewable energy and organic fertiliser from liquid and solid waste.

The ANDICOS Waste to Energy plant can be built modularly for centralised and decentralised uses and can also be customised for large municipal installations. The first ANDICOS Waste to Energy plant has been set up at Akshaya Patra in Hyderabad to treat waste water and organic waste from its new and fully automated kitchen. The ANDICOS Waste to Energy plant has a capacity to treat approximately 1000 kgs of organic kitchen waste and 2 – 6m<sup>3</sup> of sewage sludge on a daily basis and will generate approximately 20 KW/H of electrical power along with 1.35 tonnes of rich organic fertiliser per day.

Rajesh Sharma, CMD of Ion Exchange said that the company had been researching and developing the ANDICOS system and technology for over two years. The solutions are based on the latest technologies available across the globe. Ajay Popat, President of Ion Exchange said that the ANDICOS plant is unique as it integrates technology to combine solid organic waste and waste water to generate power, water and fertiliser than can be used thereafter.

# Ion Exchange and Associate Companies

Publication	Business Standard
Edition	Online
Headline	Ion Exchange opens plant in Hyderabad to tap energy from waste
Date	March 29, 2018
URL	<a href="http://www.business-standard.com/article/pti-stories/ion-exchange-opens-plant-in-hyderabad-to-tap-energy-from-waste-118032900538_1.html">http://www.business-standard.com/article/pti-stories/ion-exchange-opens-plant-in-hyderabad-to-tap-energy-from-waste-118032900538_1.html</a>

## Ion Exchange opens plant in Hyderabad to tap energy from waste

[Water treatment](#) and [environment](#) management company [Ion Exchange \(India\) Ltd](#) today commissioned a plant here to convert [waste](#) into energy,

The company claimed that the plant, a joint initiative of Ion Exchange and Belgium-headquartered VITO, was the first of its kind in [India](#).

The plant would treat [waste](#) water and organic [waste](#) from its new and fully-automated kitchen, it said. The [president](#) of the Ion Exchange Ajay Popat said, "The new [ANDICOS plant](#) is unique as it integrates technology to combine solid organic [waste](#) and [waste](#) water to generate power, water and fertiliser."

The company said it has been researching and developing the ANDICOS system and technology of tapping [energy](#) from [waste](#) for over two years.

Publication	Outlook India
Edition	Online
Headline	Ion Exchange launches waste to energy plant in Hyderabad
Date	March 29, 2018
URL	<a href="https://www.outlookindia.com/newscroll/ion-exchange-launches-waste-to-energy-plant-in-hyderabad/1279725">https://www.outlookindia.com/newscroll/ion-exchange-launches-waste-to-energy-plant-in-hyderabad/1279725</a>

## Ion Exchange launches waste to energy plant in Hyderabad

Hyderabad, Mar 29 PTI) Water treatment and environment management company, Ion Exchange (India) Limited today commissioned a waste to energy plant here.

The company said its India's first 'ANDICOS' (a joint initiative of Ion Exchange in collaboration with Belgium- headquartered VITO and Europem) waste to energy system.

The plant has been set up at "Akshaya Patra" here to treat waste water and organic waste from its new and fully automated kitchen, it said.

The company said it has been researching and developing the ANDICOS system and technology for over two years.

The company's President Ajay Popat said: "The new ANDICOS plant is unique as it integrates technology to combine solid organic waste and waste water to generate power, water and fertiliser that can be used thereafter."

# Ion Exchange and Associate Companies

Publication	India Today
Edition	Online
Headline	Ion Exchange launches waste to energy plant in Hyderabad
Date	March 29, 2018
URL	<a href="https://www.indiatoday.in/pti-feed/story/ion-exchange-launches-waste-to-energy-plant-in-hyderabad-1200665-2018-03-29">https://www.indiatoday.in/pti-feed/story/ion-exchange-launches-waste-to-energy-plant-in-hyderabad-1200665-2018-03-29</a>

## Ion Exchange launches waste to energy plant in Hyderabad

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Publication	UNI Varta
Edition	Online
Headline	HYDERABAD, MAR 29 (UNI) - Ajay Popat, President and Director, ION Exchange (India) Ltd, briefing the media persons during the launch of first ANDICOS Waste to Energy plant, in Hyderabad on Thursday.
Date	March 29, 2018
URL	<a href="http://www.univarta.com/photoes/187702.html">http://www.univarta.com/photoes/187702.html</a>



HYDERABAD, MAR 29 (UNI) - Ajay Popat, President and Director, ION Exchange (India) Ltd, briefing the media persons during the launch of first ANDICOS Waste to Energy plant, in Hyderabad on Thursday. (PHOTO WITH STORY) UNI PHOTO-28U

# Ion Exchange and Associate Companies

Publication	Net India123
Edition	Online
Headline	Ion Exchange revenue growth to be 12-15 per cent during 2018-19: Ajay Popat
Date	March 29, 2018
URL	<a href="https://www.netindia123.com/articles/showdetails.asp?id=3309493&amp;ndate=20180329&amp;cat=India">https://www.netindia123.com/articles/showdetails.asp?id=3309493&amp;ndate=20180329&amp;cat=India</a>

## **Ion Exchange revenue growth to be 12-15 per cent during 2018-19: Ajay Popat**

Ion Exchange, an industry leader in water and environment management revenue growth will be around 12-15 per cent, Ion Exchange (India) President Ajay Popat said.

Talking to media here on Thursday, Mr Ajay who is here in connection with to launch India's first ANDICOS Waste to Energy System established at a cost of Rs 7 crore at Akshya Patra here on Friday for demo purpose said that the company head count was 3000. The company has posted revenue of Rs 10,298 million during 2016-17. The revenue growth during 2017-18 also expecting the same percentage of during FY 2018-19, he said. Of the total revenue, 62 per cent coming from domestic and 38 per cent from exports Mr Ajay said and hopped to grow exports from 38 per cent to 40 per cent during 2018-19.

ANDICOS is a joint initiative of Ion Exchange in collaboration with Belgium headquartered VITO and Europem. The ANDICOS design integrates state-of-the-art technologies like Indion IPC MBR and Indion Advanced Bio-methanation process. INDION IPC treats raw sewage and produces purified water that can be reused. The sludge generated in the INDION IPC MBR process is then combined with organic kitchen waste generated in homes and communities in Indion Advanced Bio-methanation process. Thus, the INDICOS System recovers purified water, renewable energy and organic fertilizers from liquid and solid waste.

Mr Ajay said that the ANDICOS waste to Energy plant which established at Aksha Patra has a capacity to treat approximately 1000 kgs of organic kitchen waster and 2-6M3 of sewage sludge on a daily basis and would generate approximately 20KW/H of electrical power along with 1.32 tonnes of rich organic fertilizer per day. The employment opportunity would be around 10-12, he said. Mr Ajay said that there was huge demand for ANDICOS in the country. Several municipalities across the country were consulting with the company. The consultation process were going on, he said.



# Ion Exchange and Associate Companies

Publication	UNI India
Edition	Online
Headline	Ion Exchange revenue growth to be 12-15 per cent during 2018-19: Ajay Papat
Date	March 29, 2018
URL	<a href="http://www.uniindia.com/ion-exchange-revenue-growth-to-be-12-15-per-cent-during-2018-19-ajay-papat/business-economy/news/1183368.html">http://www.uniindia.com/ion-exchange-revenue-growth-to-be-12-15-per-cent-during-2018-19-ajay-papat/business-economy/news/1183368.html</a>

## **Ion Exchange revenue growth to be 12-15 per cent during 2018-19: Ajay Papat**

Hyderabad, Mar 29 (UNI) Ion Exchange, an industry leader in water and environment management revenue growth will be around 12-15 per cent, Ion Exchange (India) President Ajay Papat said. Talking to media here on Thursday, Mr Ajay who is here in connection with to launch India's first ANDICOS Waste to Energy System established at a cost of Rs 7 crore at Akshya Patra here on Friday for demo purpose said that the company head count was 3000. The company has posted revenue of Rs 10,298 million during 2016-17. The revenue growth during 2017-18 also expecting the same percentage of during FY 2018-19, he said.

Of the total revenue, 62 per cent coming from domestic and 38 per cent from exports Mr Ajay said and hopped to grow exports from 38 per cent to 40 per cent during 2018-19.

ANDICOS is a joint initiative of Ion Exchange in collaboration with Belgium headquartered VITO and Europem. The ANDICOS design integrates state-of-the-art technologies like Indion IPC MBR and Indion Advanced Bio-methanation process. INDION IPC treats raw sewage and produces purified water that can be reused. The sludge generated in the INDION IPC MBR process is then combined with organic kitchen waste generated in homes and communities in Indion Advanced Bio-methanation process. Thus, the INDICOS System recovers purified water, renewable energy and organic fertilizers from liquid and solid waste.

Mr Ajay said that the ANDICOS waste to Energy plant which established at Aksha Patra has a capacity to treat approximately 1000 kgs of organic kitchen waster and 2-6M3 of sewage sludge on a daily basis and would generate approximately 20KW/H of electrical power along with 1.32 tonnes of rich organic fertilizer per day. The employment opportunity would be around 10-12, he said.

Mr Ajay said that there was huge demand for ANDICOS in the country. Several municipalities across the country were consulting with the company. The consultation process were going on, he said.

# Ion Exchange and Associate Companies

Publication	Sakshi
Edition	Online
Headline	అయన్ ఎక్స్చేంజ్ 'అండ్ కేస్' టెక్నాలజీ
Date	March 29, 2018
URL	<a href="https://www.sakshibusiness.com/view/ion-exchange-opens-plant-in-hyderabad-to-tap-energy-from-waste-15039">https://www.sakshibusiness.com/view/ion-exchange-opens-plant-in-hyderabad-to-tap-energy-from-waste-15039</a>

## అయన్ ఎక్స్చేంజ్ 'అండ్ కేస్' టెక్నాలజీ



హైదరాబాద్, బిజినెస్ టైమ్స్: సీరు, వరలభరణసర షాణకంవ సీఅయన్ ఎక్స్చేంజ్ ... అండ్ కేస్ టెక్నాలజీ ఆధారిత వ్యవస్థలను ఎన్జీఓలను నుభ రతల్తలిస రిగ హైదరాబాద్ లో ఏర్పాటు చేసి యి. రూ. 7 కోట్ల అకమప తడ యి రిలీజ్ చేసి సరవయి యి. బెల్జియం కు చెయినవటి, యారీ వ మె కంవ సీలను యిత అండ్ కేస్ కన్స్ట్రక్షన్ టెక్నాలజీ రూపొందించు దంస అయన్ ఎక్స్చేంజ్ ఇండియా ప్రైవేట్ లిమిటెడ్ గురువ రమీక కడమీడయ కు చెప్పారు. ఈవలయ దవల మ రుగును చిస్ మ ఛునసీరు, ఆహార వ్యయలను చిస్ రిలీయ ఎరువతయ రవతుంది . అల గేవదయత కుత ఉత వ్యయతుంది. 3-5 వలయ వలయ రిలీయ రివలయతుంది సరవలయ యి రు. కంవ సీలు, సరస్థుక రిలీయ అవలయ, ఓన్ వలయ పదికన ఇటు వంటివలయ వలయ కుత మ సరవలయ సరవలయ యి రు .

Publication	Shafaqna
Edition	Online
Headline	Ion Exchange opens plant in Hyderabad to tap energy from waste
Date	March 29, 2018
URL	<a href="http://in.shafaqna.com/EN/06782142">http://in.shafaqna.com/EN/06782142</a>

### Ion Exchange opens plant in Hyderabad to tap energy from waste

Water treatment and environment management company Ion Exchange (India) Ltd today commissioned a plant here to convert waste into energy.

# Ion Exchange and Associate Companies

Publication	Refiff.com
Edition	Online
Headline	Ion Exchange opens plant in Hyderabad to tap energy from waste
Date	March 29, 2018
URL	<a href="http://realtime.rediff.com/news/business/Ion-Exchange-opens-plant-in-Hyderabad-to-tap-energy-from-waste/b7d4a575819b45ce">http://realtime.rediff.com/news/business/Ion-Exchange-opens-plant-in-Hyderabad-to-tap-energy-from-waste/b7d4a575819b45ce</a>

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Publication	News Thread
Edition	Online
Headline	Dozen municipalities evinced interest in waste to energy plant: Ion Exchange
Date	March 29, 2018
URL	<a href="https://www.newstread.com/business/industry/energy/dozen-municipalities-evinced-interest-in-waste-to-energy-plant-ion-exchange/">https://www.newstread.com/business/industry/energy/dozen-municipalities-evinced-interest-in-waste-to-energy-plant-ion-exchange/</a>

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Nearly a dozen municipal bodies across the country have evinced interest in converting waste to energy and are in active discussions for deployment of such technologies which forms an essential part of Smart Cities mission, said president of Ion Exchange, Ajay Popat.

The company, which unveiled its first waste to energy plant for civil bodies on Thursday and is being deployed at not-for-profit organisation Akshaya Patra's centre in Hyderabad, is investing nearly Rs 7 crore.

"This will be a demonstrating model for community kitchen organisers and municipal bodies who are increasingly focusing on converting waste into energy. We are already in active talks with municipal bodies in Mumbai, Delhi, Telangana and Andhra Pradesh among many others," said Popat.

The company has also been entrusted with setting up this technology for Spiritual leader Baba Ramdev-led Patanjali Ayurved.

The technology has been developed in collaboration with Belgium-headquartered VITO and Europem and has a capacity to treat approximately 1,000 kg of organic kitchen waste and 2-6 cubic metre of sewage sludge on a daily basis and will help generate nearly 20 kilo what per hour of electrical power along with 1.35 tons of rich organic fertilizer daily.

# Ion Exchange and Associate Companies

Publication	India.com
Edition	Online
Headline	Ion Exchange opens plant in Hyderabad to tap energy from waste
Date	March 29, 2018
URL	<a href="http://www.india.com/news/agencies/ion-exchange-opens-plant-in-hyderabad-to-tap-energy-from-waste-2-2970570/">http://www.india.com/news/agencies/ion-exchange-opens-plant-in-hyderabad-to-tap-energy-from-waste-2-2970570/</a>

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The plant would treat waste water and organic waste from its new and fully-automated kitchen, it said.

The president of the Ion Exchange Ajay Popat said, "The new ANDICOS plant is unique as it integrates technology to combine solid organic waste and waste water to generate power, water and fertiliser."

The company said it has been researching and developing the ANDICOS system and technology of tapping energy from waste for over two years.

# Ion Exchange and Associate Companies

Publication	Web India123
Edition	Online
Headline	Ion Exchange revenue growth to be 12-15 per cent during 2018-19: Ajay Popat
Date	March 29, 2018
URL	<a href="https://news.webindia123.com/news/Articles/India/20180329/3309493.html">https://news.webindia123.com/news/Articles/India/20180329/3309493.html</a>

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# Ion Exchange and Associate Companies

Publication	NewsBoss
Edition	Online
Headline	Ion Exchange opens plant in Hyderabad to tap energy from waste
Date	March 30, 2018
URL	<a href="http://newsboss.in/ly/fzJtqx/Ion-Exchange-opens-plant-in-Hyderabad-to-tap-energy-from-waste">http://newsboss.in/ly/fzJtqx/Ion-Exchange-opens-plant-in-Hyderabad-to-tap-energy-from-waste</a>

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Publication	EIN News
Edition	Online
Headline	Ion Exchange India Ltd. launches India's first ANDICOS Waste to Energy plant in Hyderabad
Date	March 30, 2018
URL	<a href="https://wastemanagement.einnews.com/article_detail/439365656/ITFEEn9qUalptIhl?ref=rss&amp;lcode=QI55KzTTROczNOTwvMoMyg%3D%3D">https://wastemanagement.einnews.com/article_detail/439365656/ITFEEn9qUalptIhl?ref=rss&amp;lcode=QI55KzTTROczNOTwvMoMyg%3D%3D</a>

Ion Exchange India Ltd. launches India's first ANDICOS Waste to Energy plant in Hyderabad

Mar 29, 2018 - Equity Bulls

Industry leaders in water and environment management, Ion Exchange (India) Limited; today launches and commissions India's first ANDICOS Waste to Energy system in Hyderabad, Telengana. ANDICOS is a joint initiative of Ion Exchange in collaboration with Belgium headquartered VITO and Europem. The ANDICOS design integrates state-of-the-art technologies like INDION IPC MBR and ...

Publication	Sakshi
Edition	Online
Headline	అయస్ ఎక్స్‌చేంజి 'ఆండీకోస్' టెక్నాలజీ
Date	March 30, 2018
URL	<a href="https://www.sakshi.com/news/business/ion-exchange-launches-andicos-waste-energy-plant-hyderabad-1058676">https://www.sakshi.com/news/business/ion-exchange-launches-andicos-waste-energy-plant-hyderabad-1058676</a>

## అయస్ ఎక్స్‌చేంజి 'ఆండీకోస్' టెక్నాలజీ

**పూ దల బ ద, ఓఓఓఓఓ ఓ ఓ ఓ :** నీరు, వరలపరణనరే షాణకవే నీఅయస్ ఎక్స్‌చేంజి ... ఆండీకోస్ టెక్నాలజీ ఆధారిత వనోజులు ఎనజీఘాటులు నుభ రతలీతలిన రిగ పూ దల బ ద లీ వరపటు చేసి యి. రూ.గీకొత్త అకమువ తడ యె రులీ దీనినినిరపెయి యి. బెఱియలు కుచ యెనవలీ, యారీ వ మె కవ నీలన యిత ఆండీకోస్ కననోషా టెక్నాలజీ రూపదదనుందనిఅయస్ ఎక్స్‌చేంజి ఇండియ వరసిడ యి అజయిపీ పట గురువ రమీకె కడమీడయ కుచపెపరు.

ఈపలయ దవల మ రుగునుంచెసెమ్ ఛుననీరు, ఆహారవ రులనుంచెనీ యియెరువతయ రవతుంది . అల గేవదయిత కూడ ఉత వతతుంది. 3-5 వంజీ వలెలుడిరికవరీ అవతుందనివలయి యరు. కవ నీలు, సరస్యకు రితబెల్ల ఆపరేట, ఓనవరతిపదీకనఇటు వంటిపలయివరపటు కుత మ నోదనునిపడటి యరు .

# Ion Exchange and Associate Companies

Publication	Energy World (The Economic Times)
Edition	Online
Headline	Dozen municipalities evinced interest in waste to energy plant: Ion Exchange
Date	March 30, 2018
URL	<a href="https://energy.economictimes.indiatimes.com/news/power/dozen-municipalities-evinced-interest-in-waste-to-energy-plant-ion-exchange/63540472">https://energy.economictimes.indiatimes.com/news/power/dozen-municipalities-evinced-interest-in-waste-to-energy-plant-ion-exchange/63540472</a>

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New Delhi: Nearly a dozen municipal bodies across the country have evinced interest in converting [waste to energy](#) and are in active discussions for deployment of such technologies which forms an essential part of [Smart Cities](#) mission, said president of [Ion Exchange](#), Ajay Popat.

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