

Albot Tech unveils oxygen plant in Pune

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A 500 LPM oxygen plant was recently inaugurated by Ajit Pawar, Deputy Chief Minister of Maharashtra. The plant has been made operational by Albot Technologies in collaboration with DY Patil International University (DYPIU) and is installed on the premises of Y Patil Dnyanshanti School, Akurdi.

The list of guests of honour also included the likes of Dr Sanjay Patil - President, Dr DY Patil Pratishthan, Satej Patil - Chairman & Vice President Dr DY Patil Pratishthan, and Minister of State, Government of Maharashtra and Dr Prabhat Ranjan, VC DY Patil International University.

The plant has been engineered to produce over 500 litres of oxygen per minute. It employs the well-known Pressure Swing Adsorption (PSA) technique by which the enriched oxygen is generated from the ambient air while filtering out the nitrogen. With the PSA technique, an oxygen purity of 93 per cent can be achieved. Once the oxygen is generated, it can be directly supplied to the hospitals and industrial sectors.

“Our objective is to strengthen the oxygen manufacturing capacity in the nation to forestall the consequences as seen in the second wave of the pandemic. We are viewing this from a multidimensional perspective; enhancing the supply chain while keeping an eye on the evolving demand too,” said Dr Akash Singh, CEO, Albot Technologies.