



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर Indian Institute of Technology Bhubaneswar

Media/Publication	The Prameya		
Date	11 th December 2025	Language	English
Headline	IIT Bhubaneswar signs research collaborative agreement with GRIDCO and NTU Singapore		
Link	https://www.prameyanews.com/iit-bhubaneswar-signs-research-collaborative-agreement-with-gridco-and-ntu-singapore		



Bhubaneswar, Dec 11: Indian Institute of Technology (IIT) Bhubaneswar has recently signed a research collaborative agreement with GRIDCO Ltd and Nanyang Technological University (NTU), Singapore, to advance four major deployment projects across key verticals of renewable energy—battery energy storage, microgrids, waste-to-energy, and agri-photovoltaics.

This collaboration is poised to enable prototype development, field deployment, and commercial-scale implementation, marking a significant step toward strengthening India's renewable energy ecosystem, particularly in the eastern region.

IIT Bhubaneswar is steadily positioning itself as a national renewable energy hub by developing state-of-the-art research and development infrastructure and fostering strategic international partnerships. Through this collaboration, the Institute aims to spearhead transformative initiatives that will shape the country's future energy landscape while supporting the Government of Odisha's energy-transition goals.



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर Indian Institute of Technology Bhubaneswar

Furthering this vision, an MoU was also signed between IIT Bhubaneswar, GRIDCO Ltd., Avaada, and ReNewPvt Ltd to establish a Centre of Excellence in Green Hydrogen. The proposed Centre will focus on translational research, entrepreneurship, and commercializable technology development in green hydrogen and allied domains. This initiative will catalyse innovation, create a robust research and industry ecosystem, and accelerate Odisha's emergence as a leading hub for energy transition aligned with the Prime Minister's net-zero mandate.

The MoUs were formally signed during the Global Energy Leaders' Summit (GELS-25) held in Puri from 5th to 7th December 2025. The ceremony was graced by the Deputy Chief Minister of Odisha, Kanak Vardhan Singh Deo, and Energy Secretary Vishal Kumar Dev. Senior representatives from partnering organisations—including Dr. Satyapriya Rath, Managing Director, GRIDCO; Prasant Choubey, President, Avaada; Vivek Jaiswal, Executive Vice President, ReNew; and Prof. Chandrashekhar N. Bhende, Dean (Sponsored Research & Industrial Consultancy-In-Charge); Prof. Subhranshu Ranjan Samantaray, Principal Investigator; and Prof. Umaprasana Ojha, Co-Principal Investigator from IIT Bhubaneswar—were also present on the occasion.



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर Indian Institute of Technology Bhubaneswar

Media/Publication	The Pragativadi		
Date	11 th December, 2025	Language	English
Headline	IIT Bhubaneswar Seals Renewable Energy Pact With GRIDCO and NTU Singapore		
Link	https://pragativadi.com/iit-bhubaneswar-seals-renewable-energy-pact-with-gridco-and-ntu-singapore/		



The partners will advance four key areas—Battery Energy Storage, Microgrids, Waste-to-Energy, and Agri-Photovoltaics. They will build prototypes, deploy projects, and scale them commercially.

IIT Bhubaneswar continues to position itself as a national hub for renewable energy. The institute builds cutting-edge infrastructure and forges global partnerships to strengthen India's energy ecosystem.

Moreover, IIT Bhubaneswar signed an MoU with GRIDCO, Avaada, and ReNew Pvt. Ltd. to set up a Centre of Excellence in Green Hydrogen. The Centre will focus on translational research, entrepreneurship, and technology development. It will accelerate Odisha's energy transition and align with the Prime Minister's Net-Zero vision.

The MoUs were signed during the Global Energy Leaders' Summit (GELS-25) in Puri from December 5–7, 2025. Deputy Chief Minister KV Singh Deo and Principal Secretary (Energy) Vishal Kumar Dev attended the ceremony. Senior leaders from GRIDCO, Avaada, ReNew, and IIT Bhubaneswar also joined.

Together, these initiatives strengthen IIT Bhubaneswar's role in renewable energy research, innovation, and deployment. They push Odisha and India toward leadership in sustainable energy solution



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर Indian Institute of Technology Bhubaneswar

Media/Publication	The Times of India		
Date	11 th November 2025	Language	English
Headline	IIT BBS partners with Survey of India on geo-spatial technology		
Link	https://timesofindia.indiatimes.com/city/bhubaneswar/iitbbs-signs-mou-with-gridco-ntu-for-renewable-energy-projects/amp_articleshow/125915414.cms		

Bhubaneswar: IIT Bhubaneswar signed a research collaborative agreement with Gridco and Nanyang Technological University (NTU), Singapore, to advance four major projects across key verticals of renewable energy — battery energy storage, microgrids, waste-to-energy, and agri-photovoltaics.

This collaboration is poised to enable prototype development, field deployment, and commercial-scale implementation, marking a significant step toward strengthening India’s renewable energy ecosystem, particularly in the eastern region.

Through this collaboration, the institute aims to spearhead transformative initiatives that will shape the country’s future energy landscape while supporting the Odisha govt’s energy-transition goals.

An MoU was also signed between IIT Bhubaneswar, Gridco, and two other companies to establish a centre of excellence in green hydrogen. The proposed centre will focus on translational research, entrepreneurship, and commercialisable technology development in green hydrogen and allied domains.

This initiative will catalyse innovation, create a robust research and industry ecosystem, and accelerate Odisha’s emergence as a leading hub for energy transition aligned with the Prime Minister’s Net-Zero mandate.

“These collaborative initiatives collectively reinforce IIT Bhubaneswar’s commitment to driving renewable energy research, innovation, and large-scale deployment, advancing Odisha’s and India’s leadership in sustainable energy solutions,” said an official statement from AIIMS Bhubaneswar.



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर Indian Institute of Technology Bhubaneswar

Media/Publication	The Nitidin		
Date	12 th December, 2025	Language	Odia
Headline	IIT Bhubaneswar enters into research collaboration with Gridco and Ntu to boost innovation in renewable energy sector.		

ନବୀକରଣ ଯୋଗ୍ୟ ଶକ୍ତି କ୍ଷେତ୍ରରେ ନବସୃଜନକୁ ପ୍ରୋତ୍ସାହନ ଆଇଆଇଟି ଭୁବନେଶ୍ୱର ଗ୍ରୀଡ଼କୋ ଏବଂ ଏନଟିୟୁ ସିଜ୍ଯାପୁର ସହିତ ଗବେଷଣା ସହଯୋଗ

ଜଟଣୀ, ୧୧।୧୨ (ଏସଏନଏସ): ଭାରତୀୟ ପ୍ରଯୁକ୍ତି ପ୍ରତିଷ୍ଠାନ (ଆଇଆଇଟି) ଭୁବନେଶ୍ୱର ସମ୍ପ୍ରତି ନବୀକରଣ ଯୋଗ୍ୟ ଶକ୍ତିର ପ୍ରମୁଖ କ୍ଷେତ୍ର - ବ୍ୟାଟେରୀ ଶକ୍ତି ସଂରକ୍ଷଣ, ମାଇକ୍ରୋଗ୍ରାଡ଼, ଅପରୟରୁ ଶକ୍ତି ଏବଂ କୃଷି-ଫଟୋଭୋଲଟାଇକ୍ସରେ ଚାରୋଟି ପ୍ରମୁଖ ନିୟୋଜନ ପ୍ରକଳ୍ପକୁ ଆଗକୁ ବଢ଼ାଇବା ପାଇଁ ଗ୍ରୀଡ଼କୋ ଲିମିଟେଡ଼ ଏବଂ ସିଜ୍ଯାପୁର ନାନୋଇଂ ପ୍ରଯୁକ୍ତିବିଦ୍ୟା ବିଶ୍ୱବିଦ୍ୟାଳୟ (ଏନଟିୟୁ) ସହିତ ଏକ ଐତିହାସିକ ଗବେଷଣା ସହଯୋଗ ଚୁକ୍ତିନାମା ସ୍ୱାକ୍ଷର କରିଛି । ଏହି ସହଯୋଗ ପ୍ରୋଟୋକୋଲ୍ ବିକାଶ, କ୍ଷେତ୍ର ନିୟୋଜନ ଏବଂ ବାଣିଜ୍ୟିକ-ସ୍ତରରେ କାର୍ଯ୍ୟାନୁଷ୍ଠାନକୁ ସମ୍ପନ୍ନ କରିବା ପାଇଁ ପ୍ରସ୍ତୁତ, ଯାହା ଭାରତର ନବୀକରଣୀୟ ଶକ୍ତି ଇକୋସିଷ୍ଟମକୁ, ବିଶେଷକରି ପୂର୍ବ କ୍ଷେତ୍ରରେ, ସୁଦୃଢ଼ କରିବା ଦିଗରେ ଏକ ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ ପଦକ୍ଷେପ । ଆଇଆଇଟି ଭୁବନେଶ୍ୱର ଅତ୍ୟାଧୁନିକ ଗବେଷଣା ଏବଂ ବିକାଶ ଭିତ୍ତିଭୂମି ବିକାଶ କରି ଏବଂ ରଣନୈତିକ ଆଡ଼ର୍ଜିତା ସହଭାଗୀତାକୁ ପ୍ରୋତ୍ସାହିତ କରି ଏକ ଜାତୀୟ ନବୀକରଣୀୟ ଶକ୍ତି କେନ୍ଦ୍ର ଭାବରେ ସ୍ଥିର ଭାବରେ ନିଜକୁ ସ୍ଥାନିତ କରୁଛି । ଏହି ସହଯୋଗ ମାଧ୍ୟମରେ, ପ୍ରତିଷ୍ଠାନ ଏପରି ପରିବର୍ତ୍ତନକାରୀ ପଦକ୍ଷେପଗୁଡ଼ିକୁ ନେତୃତ୍ୱ ଦେବାକୁ ଲକ୍ଷ୍ୟ ରଖିଛି ଯାହା ଦେଶର ଉଦ୍ଦିଷ୍ଟତାର ଶକ୍ତି ପରିବୃତ୍ତିକୁ ଆକାରଦେବ ଏବଂ ଓଡ଼ିଶା ସରକାରଙ୍କ ଶକ୍ତି-ପରିବର୍ତ୍ତନ ଲକ୍ଷ୍ୟକୁ ସମର୍ଥନ କରିବ । ଏହି ଦୃଷ୍ଟିକୋଣକୁ ଆଗକୁ ବଢ଼ାଇ, ଆଇଆଇଟି ଭୁବନେଶ୍ୱର, ଗ୍ରୀଡ଼କୋ ଲିମିଟେଡ଼, ଆଭାଡା ଏବଂ ଚିନ୍ମୁ ପ୍ରାଇଭେଟ ଲିମିଟେଡ଼ ମଧ୍ୟରେ ଗ୍ରୀନ୍ ହାଇଡ୍ରୋଜେନ୍ରେ ଏକ ଉତ୍କର୍ଷ କେନ୍ଦ୍ର ପ୍ରତିଷ୍ଠା ପାଇଁ ଏକ ବୁଝାମଣାପତ୍ର ସ୍ୱାକ୍ଷରିତ ହୋଇଛି ।



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर Indian Institute of Technology Bhubaneswar

Media/Publication	The Pioneer		
Date	12 th December, 2025	Language	English
Headline	IIT BBS signs agreement with GRIDCO, NTU		

Renewable energy innovation IIT BBS signs agreement with GRIDCO, NTU

PNS ■ Bhubaneswar

The Indian Institute of Technology (IIT) Bhubaneswar has recently signed a research collaborative agreement with GRIDCO Ltd and Nanyang Technological University (NTU), Singapore, to advance four major deployment projects across key verticals of renewable energy, battery energy storage, microgrids, waste-to-energy and agri-photovoltaics.

This collaboration is poised to enable prototype development, field deployment and commercial-scale implementation marking a significant step towards strengthening India's renewable energy ecosystem, particularly in the



eastern region.

The IIT Bhubaneswar is steadily positioning itself as a national renewable energy hub by developing state-of-the-art research and development infrastructure and fos-

tering strategic international partnerships.

Through this collaboration, the institute aims to spearhead transformative initiatives that will shape the country's future energy land-

scape while supporting the Government of Odisha's energy-transition goals.

Furthering this vision, an MoU was also signed between IIT Bhubaneswar, GRIDCO, Avaada and ReNew Pvt Ltd to establish a Centre of Excellence in green hydrogen. The centre would focus on translational research, entrepreneurship and commercialisable technology development in green hydrogen and allied domains.

This initiative would catalyse innovation, create a robust research and industry ecosystem and accelerate Odisha's emergence as a leading hub for energy transition aligned with the Prime Minister's Net-Zero mandate.



Media/Publication	The Sambad		
Date	12 th December, 2025	Language	Odia
Headline	IIT BBS signs agreement with GRIDCO, NTU		
Link	https://m.sambadepaper.com/imageview_114771_188202_4_71_12-12-2025_17_i_1_sf.html		

ସମ୍ବାଦ

ଗ୍ରିଡକୋ ଓ ଏନ୍ଟିୟୁ ସିଙ୍ଗାପୁର ସହ ଆଇଆଇଟିର ତୁଳ୍ପ

କଟକ, ୧୧/୧୨(ଉପସା): ଭୁବନେଶ୍ୱର ଆଇଆଇଟି ଏବେ ନବୀକରଣଯୋଗ୍ୟ ବ୍ୟାଚେରି ଶକ୍ତି ସଂରକ୍ଷଣ, ମାଇକ୍ରୋ ଗ୍ରିଡ୍, ଅପରମ୍ଭରୁ ଶକ୍ତି ଓ କୃଷି ପଟୋଭୋଲଟାଇକ୍ସ କ୍ଷେତ୍ରରେ ଗବେଷଣା ପାଇଁ ଗ୍ରିଡକୋ ଓ ସିଙ୍ଗାପୁର ନାନାୟାଙ୍କ ପ୍ରଯୁକ୍ତିବିଦ୍ୟା ବିଶ୍ୱବିଦ୍ୟାଳୟ (ଏନ୍ଟିୟୁ) ସହିତ ଏକ ତୁଳ୍ପ ସ୍ୱାକ୍ଷର କରିଛି। ଏହି ସହଭାଗିତା ଭାରତର ନବୀକରଣଯୋଗ୍ୟ ଶକ୍ତି ବିନିଯୋଗରେ ଏକ ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ ପଦକ୍ଷେପ ବୋଲି କୁହାଯାଇଛି। ଅନ୍ୟପଟେ ପୁରୀରେ ଗତ ଡିସେମ୍ବର ୫ରୁ ୭ ତାରିଖ ପର୍ଯ୍ୟନ୍ତ ଅନୁଷ୍ଠିତ ଗ୍ଲୋବାଲ୍ ଏନର୍ଜି ଲିଡର୍ସ ଶିଖର ସମ୍ମିଳନୀ (ଜିଇଏଲଏସ-୨୫) ସମୟରେ ଏହି ଦୁଇୋପକାପତ୍ର ଗୁଡ଼ିକ ଆନୁଷ୍ଠାନିକ ଭାବରେ ସ୍ୱାକ୍ଷରିତ ହୋଇଥିଲା। ଏହି ଅବସରରେ ଉପ ମୁଖ୍ୟମନ୍ତ୍ରୀ କନକ ବର୍ଦ୍ଧନ ସିଂହଦେଓ ଓ



ଓଡ଼ିଶା ସରକାରଙ୍କ ପ୍ରମୁଖ ସଚିବ(ଶକ୍ତି) ବିଶାଳ କୁମାର ଦେବ ଯୋଗ ଦେଇଥିଲେ। ସହଭାଗୀ ସଂଗଠନଗୁଡ଼ିକର ବରିଷ୍ଠ ପ୍ରତିନିଧିମାନଙ୍କ ମଧ୍ୟରେ ଗ୍ରିଡକୋର ପରିଚାଳନା ନିର୍ଦ୍ଦେଶକ ସତ୍ୟପ୍ରିୟ ରଥ, ଆଭାତାର ସଭାପତି ପ୍ରଶାନ୍ତ ଚୌବେ, ଚିନ୍ମୟ କାର୍ଯ୍ୟନିର୍ବାହୀ ଉପାଧ୍ୟକ୍ଷ ବିବେକ ଜୟସ୍ୱାଲ ଓ ଆଇଆଇଟି ପକ୍ଷରୁ ପ୍ରଫେସର ରବିଶେଖର ଏନ୍ ଭେଣ୍ଟେ, ଡିନ୍ ପ୍ରଫେସର ଶ୍ରୀରାମୁ ରଞ୍ଜନ ସାମନ୍ତରାୟ, ପ୍ରଫେସର ଉମାପ୍ରସନ୍ନା ଓଷା ଉପସ୍ଥିତ ଥିଲେ।

BHUBANESWAR Edition

Page No. 17, December 12, 2025



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर Indian Institute of Technology Bhubaneswar

Media/Publication	The Samaja		
Date	12 th December, 2025	Language	Odia
Headline	Agreement signed between IIT and NTU		

ସମାଜ

ଆଇଆଇଟି ଓ ଏନଟିୟୁ ମଧ୍ୟରେ ଚୁକ୍ତି ସ୍ୱାକ୍ଷରିତ



ଜଟଣା, ୧୧୧୭(ନି.ପ୍ର) : ଶକ୍ତି ସଂରକ୍ଷଣ, ଭିତ୍ତିଭୂମି ବିକାଶ କ୍ଷେତ୍ରରେ ଗବେଷଣା ପାଇଁ ଭୁବନେଶ୍ୱର ଆଇଆଇଟି ସହଯୋଗରେ ଗ୍ରୀଡ଼କୋ ଏବଂ ସିଙ୍ଗାପୁରସ୍ଥିତ ଏନଟିୟୁ ବିଶ୍ୱ ବିଦ୍ୟାଳୟ ମଧ୍ୟରେ ଏକ ଚୁକ୍ତି ସ୍ୱାକ୍ଷରିତ ହୋଇଥିବା ଆଇଆଇଟି ସୂଚନା ଦେଇଛି । ଏହା ବ୍ୟତୀତ ଆଇଆଇଟି ପରିସରରେ ଏକ ଗ୍ରୀନ୍ ହାଇଡ୍ରୋ ଜେନ ଉତ୍କର୍ଷ କେନ୍ଦ୍ର

ପ୍ରତିଷ୍ଠା ନିମନ୍ତେ ମଧ୍ୟ ବୁଝାମଣା ପତ୍ର ସ୍ୱାକ୍ଷରିତ ହୋଇଥିବା ଆଇଆଇଟି ପକ୍ଷରୁ ସୂଚନା ଦିଆଯାଇଛି । ବାଣିଜ୍ୟିକ, ପ୍ରଯୁକ୍ତି ବିଦ୍ୟାର ବିକାଶ, ଗବେଷଣା ଏବଂ ନବସୃଜନ କ୍ଷେତ୍ରରେ ଉତ୍କର୍ଷ କେନ୍ଦ୍ର ସହାୟକ ହେବ ବୋଲି କୁହାଯାଇଛି । ଏହି କାର୍ଯ୍ୟକ୍ରମରେ ଉପମୁଖ୍ୟମନ୍ତ୍ରୀ କନକ ବର୍ଦ୍ଧନ ସିଂହଦେଓ ଏବଂ ରାଜ୍ୟ ସରକାରଙ୍କ ଶକ୍ତି ବିଭାଗ ସଚିବ ବିଶାଳ କୁମାର ଦେବ ଯୋଗ

ଦେଇଥିଲେ । ଗ୍ରୀଡ଼କୋର ପରିଚାଳନା ନିର୍ଦ୍ଦେଶକ ଡ. ସତ୍ୟପ୍ରସାଦ, ଆଇଆଇଟିର ପ୍ରଶାସନ ଚୌବେ, ରିମୁଦ୍ଧ କାର୍ଯ୍ୟନିର୍ବାହୀ ଉପାଧ୍ୟକ୍ଷ ବିବେକ ଜୟସାଲ, ଆଇଆଇଟି ପକ୍ଷରୁ ପ୍ରଫେସର ତନ୍ମୟଶେଖର ଏନ. ଭେଣ୍ଟେ, ପ୍ରଫେସର ଶୁଭ୍ରାଂଶୁ ରଞ୍ଜନ ସାମନ୍ତରାୟ, ପ୍ରଫେସର ଉମାପ୍ରସନ୍ନା ଓଝା ପ୍ରମୁଖ ଚୁକ୍ତି ସ୍ୱାକ୍ଷରିତ ସମୟରେ ଉପସ୍ଥିତ ଥିଲେ ।

The Samaja, BHUBANESWAR Edition

Page No. 22 December 12, 2025



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर Indian Institute of Technology Bhubaneswar

Media/Publication	The Indus Valley Times		
Date	11 th December, 2025	Language	English
Headline	IIT Bhubaneswar Signs Research Collaborative Agreement with GRIDCO and NTU Singapore to Propel Renewable Energy Innovation		
Link	http://indusvalleytimes.com/news/iit-bhubaneswar-signs-research-collaborative-agreement-with-gridco-and-ntu-singapore-to-propel-renewable-energy-innovation/		



Bhubaneswar, Dec.11: Indian Institute of Technology (IIT) Bhubaneswar has recently signed a landmark Research Collaborative Agreement with GRIDCO Ltd. and Nanyang Technological University (NTU), Singapore, to advance four major deployment projects across key verticals of renewable energy—Battery Energy Storage, Microgrids, Waste-to-Energy, and Agri-Photovoltaics. This collaboration is poised to enable prototype development, field deployment, and commercial-scale implementation, marking a significant step toward strengthening India’s renewable energy ecosystem, particularly in the eastern region.

IIT Bhubaneswar is steadily positioning itself as a national renewable energy hub by developing state-of-the-art research and development infrastructure and fostering strategic international partnerships. Through this collaboration, the Institute aims to spearhead transformative initiatives that will shape the country’s future energy landscape while supporting the Government of Odisha’s energy-transition goals.

Furthering this vision, an MoU was also signed between IIT Bhubaneswar, GRIDCO Ltd., Avaada, and ReNew Pvt. Ltd. to establish a Centre of Excellence in Green Hydrogen. The proposed Centre will focus on translational research, entrepreneurship, and commercializable technology development in Green Hydrogen and allied domains. This initiative will catalyse innovation, create a robust research and industry ecosystem, and accelerate Odisha’s emergence as a leading hub for energy transition aligned with the Hon’ble Prime Minister’s Net-Zero mandate.



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर Indian Institute of Technology Bhubaneswar

The MoUs were formally signed during the Global Energy Leaders' Summit (GELS-25) held in Puri from 5th to 7th December 2025. The ceremony was graced by the Hon'ble Deputy Chief Minister of Odisha, Shri Kanak Vardhan Singh Deo, and the Principal Secretary (Energy), Government of Odisha, Shri Vishal Kumar Dev. Senior representatives from partnering organisations—including Dr. Satyapriya Rath, Managing Director, GRIDCO; Shri Prasant Choubey, President, Avaada; Shri Vivek Jaiswal, Executive Vice President, ReNew; and Prof. Chandrashekhar N. Bhende, Dean (Sponsored Research & Industrial Consultancy-In-Charge); Prof. Subhranshu Ranjan Samantaray, Principal Investigator; and Prof. Umaprasana Ojha, Co-Principal Investigator from IIT Bhubaneswar—were also present on the occasion.

These collaborative initiatives collectively reinforce IIT Bhubaneswar's commitment to driving renewable energy research, innovation, and large-scale deployment, advancing Odisha's and India's leadership in sustainable energy solutions.



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर Indian Institute of Technology Bhubaneswar

Media/Publication	The India Education diary		
Date	15 th December, 2025	Language	English
Headline	IIT Bhubaneswar Signs Research Collaborative Agreement with GRIDCO and NTU Singapore to Propel Renewable Energy Innovation		
Link	https://indiaeducationdiary.in/iit-bhubaneswar-signs-research-collaborative-agreement-with-gridco-and-ntu-singapore-to-propel-renewable-energy-innovation/		



Bhubaneswar : Indian Institute of Technology (IIT) Bhubaneswar has recently signed a landmark Research Collaborative Agreement with GRIDCO Ltd. and Nanyang Technological University (NTU), Singapore, to advance four major deployment projects across key verticals of renewable energy—Battery Energy Storage, Microgrids, Waste-to-Energy, and Agri-Photovoltaics. This collaboration is poised to enable prototype development, field deployment, and commercial-scale implementation, marking a significant step toward strengthening India’s renewable energy ecosystem, particularly in the eastern region. IIT Bhubaneswar is steadily positioning itself as a national renewable energy hub by developing state-of-the-art research and development infrastructure and fostering strategic international partnerships. Through this collaboration, the Institute aims to spearhead transformative initiatives that will shape the country’s future energy landscape while supporting the Government of Odisha’s energy-transition goals. Furthering this vision, an MoU was also signed between IIT Bhubaneswar, GRIDCO Ltd., Avaada, and ReNew Pvt. Ltd. to establish a Centre of Excellence in Green Hydrogen. The proposed Centre will focus on translational research, entrepreneurship, and commercializable technology development in Green Hydrogen and allied domains. This initiative will catalyse innovation, create a robust research and industry ecosystem, and accelerate Odisha’s emergence as a leading hub for energy transition aligned with the Hon’ble Prime Minister’s Net-Zero mandate.



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

The MoUs were formally signed during the Global Energy Leaders' Summit (GELS-25) held in Puri from 5th to 7th December 2025. The ceremony was graced by the Hon'ble Deputy Chief Minister of Odisha, Shri Kanak Vardhan Singh Deo, and the Principal Secretary (Energy), Government of Odisha, Shri Vishal Kumar Dev. Senior representatives from partnering organisations—including Dr. Satyapriya Rath, Managing Director, GRIDCO; Shri Prasant Choubey, President, Avaada; Shri Vivek Jaiswal, Executive Vice President, ReNew; and Prof. Chandrashekhar N. Bhende, Dean (Sponsored Research & Industrial Consultancy-In-Charge); Prof. Subhanshu Ranjan Samantaray, Principal Investigator; and Prof. Umapasana Ojha, Co-Principal Investigator from IIT Bhubaneswar—were also present on the occasion. These collaborative initiatives collectively reinforce IIT Bhubaneswar's commitment to driving renewable energy research, innovation, and large-scale deployment, advancing Odisha's and India's leadership in sustainable energy solutions.