



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

Media/Publication	The New Indian Express		
Date	8 th May, 2024	Language	English
Headline	DRDO hands over nine defence tech projects to IIT-Bhubaneswar		
Link	https://www.newindianexpress.com/states/odisha/2024/May/08/drdo-hands-over-nine-defence-tech-projects-to-iit-bhubaneswar		

The IIT-Bhubaneswar will work on these sanctioned projects, which would be beneficial in electronics warfare, AI-driven surveillance, power systems and radar systems.



The collaboration of IIT-Bhubaneswar and DRDO will contribute to the emerging research and development need of defence applications, creating platform for 'Atma Nirbhar Bharat'.

BHUBANESWAR: Nine projects sanctioned from the electronics and communication systems (ECS) cluster of Defence Research and Development Organisation (DRDO) were handed over to IIT-Bhubaneswar at a collaboration meeting here on Tuesday.

Seven more projects are in the process of being sanctioned from ECS with a funding of Rs 18 crore. The IIT-Bhubaneswar will work on these sanctioned projects, which would be beneficial in electronics warfare, AI-driven surveillance, power systems and radar systems.



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Informing about the projects, head of Electrical Science school of IIT-Bhubaneswar SR Samantaray said the collaboration of IIT-Bhubaneswar and DRDO will contribute to the emerging research and development need of defence applications, creating platform for 'Atma Nirbhar Bharat'.

This form of collaboration will enhance the sustainability of defence research programmes and will be part of the ecosystem for nation building. "The collaboration between the ECS Cluster of DRDO and IIT-Bhubaneswar is intended towards working for a common cause to fulfil the future needs of the country in the field of defence technology," he said. Speaking on the occasion, director general of ECS Binay K Das said DRDO is going through a transformation from being technology chasers to becoming technology enablers and trendsetters. "The goal is now to move beyond attaining self-reliance to setting standards for the Indian Armed Forces, for others across the globe to emulate. In this context, this collaboration, and the further opportunity to set up a Centre of Excellence at IIT-Bhubaneswar would prove crucial," he added.

He further advised the researchers and faculty members associated with various DRDO sanctioned projects to work systematically with proper review and risk management systems to complete the projects in time and come up with unique solutions.

On the collaboration with DRDO, director of IIT-Bhubaneswar Shreepad Karmalkar said the IITs across the country have moved beyond knowledge generation and dissemination to knowledge application, wealth generation through start-ups, entrepreneurship and producing quality teachers. In such a scenario, collaborations with DRDO for research in the field of defence mechanism and technology will pave a new path towards excellence, he said. Karmalkar emphasised on the role of research scholars in coming up with innovative ideas.

DRDO officials informed that they are looking forward to having collaborations with the academia for research and industry for taking the projects forward to the application level.

These collaborations with academic institutions aim at developing cutting-edge and next generation technologies to make India at par with the international standards in terms of defence technology.



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Media/Publication	Business Insider		
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Headline	DRDO to collaborate with IIT Bhubaneswar for AI-driven surveillance, other projects		
Link	https://www.businessinsider.in/defense/news/drdo-to-collaborate-with-iit-bhubaneswar-for-ai-driven-surveillance-other-projects/articleshow/109935391.cms		

Defence Research and Development Organisation (DRDO) will collaborate with Indian Institute of Technology (IIT) Bhubaneswar for artificial intelligence (AI) driven surveillance and other projects, officials said. A meeting was held between DRDO and IIT Bhubaneswar officials here on Tuesday. Binay Das, director general (DG) of Electronics and Communication Systems (ECS) cluster, DRDO, and many senior scientists and officials of both institutions were present in the meeting.

During the meeting, nine sanctioned projects of the ECS Cluster of DRDO were handed over to IIT Bhubaneswar while another 7 projects are in process to be sanctioned with Rs 18 crore funding.

IIT Bhubaneswar will work on the sanctioned projects, which would be beneficial in electronics warfare, AI-driven surveillance, power systems, radar systems etc, officials said.

S R Samantaray, head of the School of Electrical sciences of IIT said the collaboration of IIT Bhubaneswar and DRDO will contribute to the emerging research and development need of defence applications, creating a platform for 'Atma Nirbhar Bharat'.

This form of collaboration will enhance the sustainability of defence research programmes and will be part of the eco-system for nation building, he said.



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Speaking on the occasion, Binay Das advised researchers and faculty members associated with various DRDO-sanctioned projects to work systematically with proper review and risk management systems to complete the projects in time and come up with unique solutions.

He said that DRDO is going through a transformation from technology chasers to become technology enablers and trendsetters.

"The goal is now to move beyond attaining self-reliance to setting standards for the Indian armed forces, for others across the globe, to emulate. In this context, this collaboration, and the further opportunity to set up a Centre of Excellence at IIT Bhubaneswar would prove crucial," he added.



Media/Publication	Sambad		
Date	8 th May, 2024	Language	Odia
Headline	IIT-DRDO Collaboration Kick-off meeting		

ଆଇଆଇଟି-ଡିଆରଡିଓ ସହବନ୍ଧନ ବୈଠକ



କଟକ, ୭/୫(ଇମିସ): ଆଇଆଇଟି ଓ ପ୍ରତିରକ୍ଷା ଅନୁସନ୍ଧାନ ଏବଂ ବିକାଶ ସଂଗଠନ (ଡିଆରଡିଓ) ମଧ୍ୟରେ ଗବେଷଣାମୂଳକ ସହବନ୍ଧନର ପ୍ରଥମ ବୈଠକ ଅନୁଷ୍ଠିତ ହୋଇଯାଇଛି। ବୈଠକରେ ଡିଆରଡିଓର ଇଲେକ୍ଟ୍ରୋନିକ୍ସ ଏବଂ ଯୋଗାଯୋଗ ସିଷ୍ଟମ୍ (ଇସିଏସ) କ୍ଷେତ୍ରର ମହାନିର୍ଦ୍ଦେଶକ ବିନୟ କେ ଦାସ, ସିଏଚଇଏସଏସର ନିର୍ଦ୍ଦେଶକ ଏନ. ଶ୍ରୀନିବାସ ରାଓ, ଡିଏଲଆରଏଲ ନିର୍ଦ୍ଦେଶକ ଜି. ବିଶ୍ୱମ, ଏଲଆରଡିଓର ନିର୍ଦ୍ଦେଶକ ଅଜୟ କୁମାର, ଆଇଆରଡିଓର ନିର୍ଦ୍ଦେଶକ ଏଲ ସି ମଙ୍ଗଳ, ଡିଏଏଏଲର ନିର୍ଦ୍ଦେଶକ ଓ ଡିଆରଡିଓ ନିର୍ଦ୍ଦେଶକ ଜଗନ୍ନାଥ ନାୟକ ପ୍ରମୁଖ ଯୋଗ ଦେଇଥିଲେ। ଡିଆରଡିଓର ଇସିଏସ୍ କ୍ଷେତ୍ରରୁ ୯ଟି ମଞ୍ଜୁରୀପ୍ରାପ୍ତ ପ୍ରକଳ୍ପ ହସ୍ତାନ୍ତର କରାଯାଇଥିଲା। ଆଗକୁ ଆହୁରି ୧୮କୋଟି ଟଙ୍କା ମୂଲ୍ୟର ୭ଟି ପ୍ରକଳ୍ପ ମଞ୍ଜୁର କରିବାକୁ ପ୍ରକ୍ରିୟା ଚାଲିଛି। ଆଇଆଇଟି ଅନୁମୋଦିତ ପ୍ରକଳ୍ପଗୁଡ଼ିକ ଉପରେ କାର୍ଯ୍ୟ କରିବ, ଯାହା ଇଲେକ୍ଟ୍ରୋନିକ୍ସ ଯୁଦ୍ଧ, କୃତ୍ରିମ ବୁଦ୍ଧିମତ୍ତା (ଏଆଇ) ଚାଳିତ ନିର୍ବାକ୍ଷଣ, ପାଞ୍ଚାର ସିଷ୍ଟମ୍, ରାତାର ସିଷ୍ଟମ୍ ଆଦିରେ ଲାଭଦାୟକ ହେବ। ଏହି ଅବସରରେ

ଶ୍ରୀ ଦାସ କହିଛନ୍ତି ଯେ ଡିଆରଡିଓର ଇସିଏସ୍ କ୍ଷେତ୍ର ଏବଂ ଆଇଆଇଟି ମଧ୍ୟରେ ଏହି ସହଯୋଗ ପ୍ରତିରକ୍ଷା ପ୍ରଯୁକ୍ତିବିଦ୍ୟା କ୍ଷେତ୍ରରେ ଦେଶର ଉଦ୍ଦିଷ୍ଟତାର ଆବଶ୍ୟକତା ପୂରଣ କରିବା ପାଇଁ ଏକାଧିକ ଭାବେ କାର୍ଯ୍ୟ କରିବା ପାଇଁ ଉଦ୍ଦିଷ୍ଟ। ଆଇଆଇଟିର ନିର୍ଦ୍ଦେଶକ ପ୍ରଫେସର ଶ୍ରୀପାଦ କରମଲକର କହିଛନ୍ତି, ସାରା ଦେଶରେ ଆଇଆଇଟି ଜ୍ଞାନ ସୃଜନ ଏବଂ ଜ୍ଞାନ ବିସ୍ତାରଠାରୁ ଆଗକୁ ବଢ଼ି ଜ୍ଞାନ ପ୍ରୟୋଗ, ପ୍ଲାର୍ଟିଏସ୍ ଏବଂ ଉଦ୍ୟମିତା ବିକାଶ ଦ୍ୱାରା ସାଧନ ସୃଷ୍ଟି ଏବଂ ଗୁଣାତ୍ମକ ଶିକ୍ଷକ ସୃଷ୍ଟି କରିବାରେ ଅଗ୍ରଗତି କରିଛି। ଏଭଳି ପରିସ୍ଥିତିରେ ପ୍ରତିରକ୍ଷା ପ୍ରଣାଳୀ ଏବଂ ପ୍ରଯୁକ୍ତିବିଦ୍ୟା କ୍ଷେତ୍ରରେ ଗବେଷଣା ପାଇଁ ଡିଆରଡିଓ ସହିତ ସହବନ୍ଧନ ଉତ୍କର୍ଷିତା ପାଇଁ ନୂତନ ପଥ ପରିଷ୍କାର କରିବ। ଇଲେକ୍ଟ୍ରୋନିକ୍ସ ଆଣ୍ଡ କମ୍ୟୁନିକେସନ ଇଞ୍ଜିନିୟରିଂର ଆସୋସିଏଟ ହେଡ୍ ବିଜୟ ଶଙ୍କର ପାସୁରେଡି ଉପସ୍ଥିତ ଥିଲେ। ସ୍କୁଲ ଅଫ୍ ଇଲେକ୍ଟ୍ରୋନିକ୍ସ ସାଇନ୍ସର ମୁଖ୍ୟ ପ୍ରଫେସର ଏସ ଆର ସାମନ୍ତରାୟ ସ୍ୱାଗତ ଭାଷଣ ଦେଇଥିବା ବେଳେ କାର୍ଯ୍ୟକ୍ରମକୁ ପ୍ରଫେସର ଡି ପି ତୋଗ୍ରା ସଂଯୋଜନା କରିଥିଲେ।



Media/Publication	Azad Sipahi		
Date	8 th May, 2024	Language	Hindi
Headline	IIT Bhubaneswar-DRDO Collaboration Kick-off Meeting explored possibilities of Centre of Excellence Establishment		

आइआइटी भुवनेश्वर-डीआरडीओ की किक-ऑफ बैठक में उत्कृष्टता केंद्र की स्थापना पर की गयी चर्चा

आजाद सिपाही संवाददाता

भुवनेश्वर। एक अभूतपूर्व पहल के रूप में भारतीय प्रौद्योगिकी संस्थान (आइआइटी) भुवनेश्वर और रक्षा अनुसंधान एवं विकास संगठन (डीआरडीओ) के बीच 7 मई को परस्पर सहयोग हेतु किक-ऑफ बैठक का सफल आयोजन किया गया। किक-ऑफ कार्यक्रम के शुभारंभ समारोह के दौरान डीआरडीओ के इलेक्ट्रॉनिक्स और संचार प्रणाली (इसीएस) क्लस्टर के महानिदेशक (डीजी) डॉ बिनय के दास के साथ-साथ डीआरडीओ की सीएचइएसएस, एलआरडीइ, डीइएएल, डीएलआरएल और आइआरडीइ प्रयोगशालाओं के निदेशकों सहित अन्य वरिष्ठ वैज्ञानिक उपस्थित रहे। इस दौरान डीआरडीओ के इसीएस क्लस्टर से 9 स्वीकृत परियोजनाएं सौंपी गयीं। इसके बाद आइआइटी भुवनेश्वर के संकाय सदस्यों और शोध विद्वानों के साथ बातचीत का सत्र आयोजित किया गया। इसके अलावा 18 करोड़ की कुल लागत वाली 7 अन्य परियोजनाएं भी स्वीकृत होने की प्रक्रिया में हैं।

विद्युत विज्ञान संकाय के प्रमुख



प्रो एसआर सामंताराय ने स्वीकृत परियोजनाओं के बारे में जानकारी दी। इस अवसर पर डॉ दास ने कहा कि इसीएस क्लस्टर, डीआरडीओ और आइआइटी भुवनेश्वर के बीच यह सहयोग रक्षा प्रौद्योगिकी के क्षेत्र में देश की भविष्य की जरूरतों को पूरा करने के उद्देश्य के लिए काम करने की दिशा में है। उन्होंने कहा कि लक्ष्य अब आत्मनिर्भरता प्राप्त करने से आगे बढ़कर दुनिया भर में अन्य लोगों के लिए भारतीय सशस्त्र बलों के लिए मानक स्थापित करना है। इस संदर्भ में, यह सहयोग और आइआइटी भुवनेश्वर में उत्कृष्टता केंद्र स्थापित करने का यह अवसर महत्वपूर्ण साबित होगा।

आइआइटी भुवनेश्वर के निदेशक प्रोफेसर श्रीपाद करमलकर ने कहा कि देश भर में आइआइटी ज्ञान सृजन और ज्ञान प्रसार से आगे

बढ़कर ज्ञान अनुप्रयोग, स्टार्ट-अप और उद्यमिता के माध्यम से धन सृजन और गुणवत्तापूर्ण शिक्षक तैयार कर रही है। ऐसे परिदृश्य में, रक्षा तंत्र और प्रौद्योगिकी के क्षेत्र में अनुसंधान के लिए डीआरडीओ के साथ सहयोग उत्कृष्टता की दिशा में नया मार्ग प्रशस्त करेगा।

प्रायोजित अनुसंधान और औद्योगिक परामर्श (एसआरआइसी) के डीन प्रो दिनाकर पासला ने अनुसंधान सहयोग के लिए आइआइटी भुवनेश्वर पर भरोसा जताने के लिए डीआरडीओ के इसीएस क्लस्टर का आभार व्यक्त किया। इस अवसर पर अभिभाषण देते हुए इलेक्ट्रॉनिक्स और संचार इंजीनियरिंग के एसोसिएट हेड डॉ विजय शंकर पसुपुरेड्डी ने एक विचार और दृष्टि को लागू करने के वृहद और सूक्ष्म दोनों

स्तरो पर ध्यान केंद्रित करने पर जोर दिया।

डीआरडीओ की ओर से सेंटर फॉर हाई एनर्जी सिस्टम्स एंड साइंसेज (सीएचइएसएस) के निदेशक डॉ जगन्नाथ नायक; रक्षा इलेक्ट्रॉनिक्स अनुसंधान प्रयोगशाला (डीएलआरएल) के निदेशक एन श्रीनिवास राव, इलेक्ट्रॉनिक्स एवं रडार विकास प्रतिष्ठान (एलआरडीइ) के निदेशक जी विश्वम; उपकरण अनुसंधान एवं विकास प्रतिष्ठान (आइआरडीइ) के निदेशक डॉ अजय कुमार और रक्षा इलेक्ट्रॉनिक्स अनुप्रयोग प्रयोगशाला (डीइएएल) के निदेशक एलसी मंगल ने भी इस अवसर पर अपने विचार रखे। कंप्यूटर साइंस इंजीनियरिंग के एसोसिएट हेड डॉ डीपी डोगरा ने इस कार्यक्रम का समन्वय किया।



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

Media/Publication	Orissa Diary.com		
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Link	https://orissadiary.com/iit-bhubaneswar-drdo-collaboration-kick-off-meeting-explored-possibilities-of-centre-of-excellence-establishment/		

Bhubaneswar : As a groundbreaking initiative, Indian Institute of Technology (IIT) **Bhubaneswar** and Defence Research and Development Organisation (DRDO) Collaboration Kick-off Meeting was held on 7th May 2024. Dr. Binay K. Das, Director General (DG) of Electronics and Communication Systems (ECS) Cluster, DRDO, and the Directors of CHESS, LRDE, DEAL, DLRL and IRDE of DRDO Labs along with senior scientists were present during the handing over of projects and kick-off function. During the meeting, 9 sanctioned projects from ECS Cluster of DRDO were handed over, followed by an interaction session with IIT Bhubaneswar faculty members and Research Scholars. Further another 7 projects are in process to be sanctioned with a total worth of Rs. 18 crore funding. IIT **Bhubaneswar** will work on the sanctioned projects, which would be beneficial in Electronics warfare, AI Driven surveillance, power systems, Radar systems etc. Prof S.R. Samantaray, Head of the School, Electrical Sciences welcomed the dignitaries and briefed about the sanctioned projects. He said: “The collaboration of IIT **Bhubaneswar** and DRDO will contribute to the emerging Research and Development need of defence applications, creating platform for ‘Atma Nirbhar Bharat’. This form of collaboration will enhance the sustainability of defence research programs and will be part of the eco-system for nation building.”

Speaking on the occasion, Dr. Das said: “This collaboration between the ECS Cluster, DRDO and IIT **Bhubaneswar** is intended towards working for a common cause to fulfil the future needs of the country in the field of defence technology.” He said that DRDO is going through a transformation from technology chasers to become technology enablers and trend setters. “The



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goal is now to move beyond from attaining self-reliance to setting standards for the Indian Armed Forces, for others across the globe to emulate. In this context, this collaboration, and the further opportunity to set up a Centre of Excellence at IIT **Bhubaneswar** would prove crucial,” he added. He further advised the researchers and faculty members associated with various DRDO sanctioned projects to work systematically with proper review and risk management system to complete the projects in time and come up with unique solutions.

Informing about this association with DRDO, Prof. Shreepad Karmalkar, Director, IIT **Bhubaneswar** said: “The IITs across the country have moved beyond knowledge generation and knowledge dissemination to knowledge application, wealth generation through start-ups & entrepreneurship and producing quality teachers. In such a scenario, collaborations with DRDO for research in the field of defence mechanism and technology will pave new path towards excellence.” Emphasizing on the role of research scholars in coming up with innovative ideas he said: “Our research scholars are the backbone in producing great research. For contributing to the development of the society and making a mark with some new concepts, the research scholars should work 24×7 with hard work and passion, should develop technical competence through extensive reading beyond textbooks. The primary motive of a research scholar should be intrinsic, and this would lead to enhance the research ecosystem of the country.”

Prof. Dinakar Pasla, Dean- Sponsored Research & Industrial Consultancy (SRIC) expressed gratitude to the DRDO’s ECS Cluster for bestowing confidence on IIT **Bhubaneswar** for research collaboration and he said that it would be a significant milestone in the field of defence research through different streams of science and technology. Speaking on the occasion, Dr. Vijay Shankar Pasupureddi, Associate Head, Electronics & Communication Engineering stressed on focusing on both the macro and micro levels of implementing an idea and vision, which would lead to the success of these projects to realize their objectives in future.



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Media/Publication	Odisha Haat.com		
Date	7 th May, 2024	Language	English
Headline	IIT Bhubaneswar And DRDO Forge Path to Defence Innovation With Major Collaboration Initiative		
Link	https://odishahaat.com/iit-bhubaneswar-and-drdo-forge-path-to-defence-innovation-with-major-collaboration-initiative/		



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Media/Publication	Odisha Stand.com		
Date	7 th May, 2024	Language	English
Headline	DRDO And IIT Bhubaneswar Join Forces In Landmark Research Collaboration For Defence Technology Advancement		
Link	https://odishastand.com/drdo-and-iit-bhubaneswar-join-forces-in-landmark-research-collaboration-for-defence-technology-advancement/		

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Media/Publication	Yuva Samay.com		
Date	7 th May, 2024	Language	Odia
Headline	IIT Bhubaneswar-DRDO Collaboration Kick-Off Meeting Explored Possibilities Of Centre Of Excellence Establishment		
Link	https://www.yuvasamay.com/iit-bhubaneswar-drdo-collaboration-kick-off-meeting/		



ଆଇଆଇଟି ଭୁବନେଶ୍ୱର-ଡିଆରଡିଓ ସହବନ୍ଧନ କିକ୍-ଅଫ୍ ବୈଠକ ଆୟୋଜିତ

ସେଣ୍ଟର ଅଫ୍ ଏକ୍ସିଲେନ୍ସ ପ୍ରତିଷ୍ଠାର ସମ୍ଭାବନା ସଂକ୍ରାନ୍ତରେ ଅନୁଶୀଳନ

ଭୁବନେଶ୍ୱର, ୭ ମଇ ୨୦୨୪: ଏକ ମହତ୍ତ୍ୱପୂର୍ଣ୍ଣ ପଦକ୍ଷେପ ଭାବରେ ଭାରତୀୟ ପ୍ରଯୁକ୍ତିବିଦ୍ୟା ପ୍ରତିଷ୍ଠାନ (ଆଇଆଇଟି) ଭୁବନେଶ୍ୱର ଏବଂ ପ୍ରତିରକ୍ଷା ଅନୁସନ୍ଧାନ ଏବଂ ବିକାଶ ସଂଗଠନ (ଡିଆରଡିଓ) ମଧ୍ୟରେ ଗବେଷଣାମୂଳକ ସହବନ୍ଧନର କିକ୍-ଅଫ୍ ବୈଠକ ୭ ମଇ ୨୦୨୪ ରେ ଅନୁଷ୍ଠିତ ହୋଇଯାଇଛି। ବିଭିନ୍ନ ଗବେଷଣା ପ୍ରକଳ୍ପର ହସ୍ତାନ୍ତର ତଥା କିକ୍ ଅଫ୍ ସମାରୋହରେ ଡିଆରଡିଓର ଇଲେକ୍ଟ୍ରୋନିକ୍ସ ଏବଂ ଯୋଗାଯୋଗ ସିଷ୍ଟମ (ଇସିଏସ) କ୍ଲଷ୍ଟରର ମହାନିର୍ଦ୍ଦେଶକ ଡକ୍ଟର ବିନୟ କେ. ଦାସଙ୍କ ସହ ସିଏଚଏସସିଏସ (CHESS), ଏଲଆରଡିଇ (LRDE), ଡିଇଏଏଲ (DEAL), ଡିଏଲଆରଏଲ (DLRL) ଏବଂ ଆଇଆରଡିଇ (IRDE) ଆଦି



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ଲ୍ୟାବର ନିର୍ଦ୍ଦେଶକବୃନ୍ଦ ତଥା ତିଆରତିଓର ବରିଷ୍ଠ ବୈଜ୍ଞାନିକମାନେ ଉପସ୍ଥିତ ଥିଲେ ।

ଏହି ବୈଠକରେ ତିଆରତିଓର ଇସିଏସ୍ କ୍ଲଷ୍ଟରରୁ ୯ଟି ମଞ୍ଚୁରୀପ୍ରାପ୍ତ ପ୍ରକଳ୍ପ ହସ୍ତାନ୍ତର କରାଯାଇଥିଲା ଏବଂ ପରେ ଆଇଆଇଟି ଭୁବନେଶ୍ୱର ଅଧ୍ୟାପକବୃନ୍ଦ ତଥା ରିସର୍ଚ୍ଚ ସ୍କଲାରଙ୍କ ସହ ପାରସ୍ପରିକ ଆଲୋଚନାର ଅଧିବେଶନ କରାଯାଇଥିଲା । ଆଗକୁ ଆହୁରି ୧୮ କୋଟି ଟଙ୍କା ମୂଲ୍ୟର ୭ ଟି ପ୍ରକଳ୍ପ ମଞ୍ଚୁର କରିବାକୁ ପ୍ରକ୍ରିୟା ଚାଲିଛି । ଆଇଆଇଟି ଭୁବନେଶ୍ୱର ଅନୁମୋଦିତ ପ୍ରକଳ୍ପଗୁଡ଼ିକ ଉପରେ କାର୍ଯ୍ୟ କରିବ, ଯାହା ଇଲେକ୍ଟ୍ରୋନିକ୍ସ ଯୁଦ୍ଧ, କୃତ୍ରିମ ବୁଦ୍ଧିମତା (ଏଆଇ) ଚାଳିତ ନୀରିକ୍ଷଣ, ପାଖାର ସିଷ୍ଟମ, ରାଡାର ସିଷ୍ଟମ ଇତ୍ୟାଦିରେ ଲାଭଦାୟକ ହେବ ।



ସ୍କୁଲ ଅଫ ଇଲେକ୍ଟ୍ରୋନିକ୍ସ କାଲ ସାଇନ୍ସେସର ମୁଖ୍ୟ ପ୍ରଫେସର ଏସ୍. ଆର୍. ସାମନ୍ତରାୟ ମାନ୍ୟଗଣ୍ୟ ବ୍ୟକ୍ତିଙ୍କୁ ସ୍ୱାଗତ କରିବା ସହ ଅନୁମୋଦିତ ପ୍ରକଳ୍ପଗୁଡ଼ିକ ବିଷୟରେ ସୂଚନା ଦେଇଥିଲେ । ଆଇଆଇଟି ଭୁବନେଶ୍ୱର ଏବଂ ତିଆରତିଓ ମଧ୍ୟରେ ଏହି ସହଯୋଗ ପ୍ରତିରକ୍ଷା ପ୍ରୟୋଗଗୁଡ଼ିକର ଉଦ୍ଦୀର୍ଘମାନ ଗବେଷଣା ଏବଂ ବିକାଶରେ ସହାୟକ ହେବ, ଯାହା କି 'ଆମ୍ ନିର୍ଭର ଭାରତ' ପାଇଁ ପ୍ଲାଟଫର୍ମ ସୃଷ୍ଟି କରିବ । ଏହି ପ୍ରକାର ସହଯୋଗ ପ୍ରତିରକ୍ଷା ଅନୁସନ୍ଧାନ କାର୍ଯ୍ୟକ୍ରମଗୁଡ଼ିକର ସ୍ଥାୟୀତ୍ୱକୁ ସମୃଦ୍ଧ କରିବା ସହ ରାଷ୍ଟ୍ର ନିର୍ମାଣ ପାଇଁ ଇକୋ-ସିଷ୍ଟମର ଏକ ଅଂଶ ହେବ ବୋଲି ସେ ମତବ୍ୟକ୍ତ କରିଥିଲେ ।

ଏହି ଅବସରରେ ତତ୍କୃର ଦାସ କହିଛନ୍ତି: “ତିଆରତିଓର ଇସିଏସ୍ କ୍ଲଷ୍ଟର ଏବଂ ଆଇଆଇଟି ଭୁବନେଶ୍ୱର ମଧ୍ୟରେ ଏହି ସହଯୋଗ, ପ୍ରତିରକ୍ଷା ପ୍ରୟୋଗଗୁଡ଼ିକର ଶେଷରେ ଦେଶର ଭବିଷ୍ୟତର ଆବଶ୍ୟକତା ପୂରଣ କରିବା ପାଇଁ ଐକ୍ୟବନ୍ଧ ଭାବେ କାର୍ଯ୍ୟ କରିବା ପାଇଁ ଉଦ୍ଦିଷ୍ଟ।” ସେ କହିଛନ୍ତି ଯେ ଟେକ୍ନୋଲୋଜିରେ ସମ୍ପନ୍ନ ଏବଂ ଟ୍ରେଣ୍ଡ ସେଟର୍ ହେବା ପାଇଁ ତିଆରତିଓ ଏକ ରୂପାନ୍ତରଣ ଦେଇ ଗତି କରୁଛି । “ବର୍ତ୍ତମାନ ଲକ୍ଷ୍ୟ ହେଉଛି ଆମ୍ ନିର୍ଭରଶୀଳତା ଠାରୁ ଆଗକୁ ଯାଇ ଭାରତୀୟ ସଶସ୍ତ୍ର ବାହିନୀର ଉଚ୍ଚ ମାନଦଣ୍ଡ ସ୍ଥିର କରିବା, ଯାହାକି ବିଶ୍ୱସ୍ତରରେ ଅନୁକରଣୀୟ ହେବ । ଏହି ପରିପ୍ରେକ୍ଷାରେ, ଏହି ସହଯୋଗ ଏବଂ ଆଇଆଇଟି ଭୁବନେଶ୍ୱରରେ ଏକ ସେଣ୍ଟର ଅଫ୍ ଏକ୍ସିଲେନ୍ସ ପ୍ରତିଷ୍ଠା କରିବାର ସମ୍ଭାବନା ଆଗାମୀ ସମୟରେ ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ ପ୍ରମାଣିତ ହେବ ବୋଲି ସେ କହିଛନ୍ତି । ବିଭିନ୍ନ ତିଆରତିଓ ଅନୁମୋଦିତ ପ୍ରକଳ୍ପ ସହିତ ଜଡ଼ିତ ଗବେଷକ ଏବଂ ଅଧ୍ୟାପକବୃନ୍ଦଙ୍କୁ ପ୍ରକଳ୍ପରେ ନିୟମିତ ଭାବେ ଉପଯୁକ୍ତ ସମାକ୍ଷା ଏବଂ ବିପଦ



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Indian Institute of Technology Bhubaneswar

ପରିଚାଳନା ପ୍ରଣାଳୀ ସହିତ ବ୍ୟବସ୍ଥିତ ଭାବରେ କାର୍ଯ୍ୟ କରି ପ୍ରକଳ୍ପଗୁଡ଼ିକୁ ଠିକ୍ ସମୟରେ ସମ୍ପୂର୍ଣ୍ଣ କରିବାକୁ ଏବଂ ଅନନ୍ୟ ସମାଧାନ ବାହାର କରିବାକୁ ପରାମର୍ଶ ଦେଇଛନ୍ତି।

ଡିଆରଡିଓ ସହିତ ଏହି ସହବନ୍ଧନ ବିଷୟରେ ସୂଚନା ଦେଇ ଆଇଆଇଟି ଭୁବନେଶ୍ୱରର ନିର୍ଦ୍ଦେଶକ ପ୍ରଫେସର ଶ୍ରୀପାଦ୍ କରମଲକର କହିଛନ୍ତି: “ସାରା ଦେଶରେ ଆଇଆଇଟି ଜ୍ଞାନ ସୃଜନ ଏବଂ ଜ୍ଞାନ ବିସ୍ତାର ଠାରୁ ଆଗକୁ ବଢ଼ି ଜ୍ଞାନ ପ୍ରୟୋଗ, ସ୍ୱାର୍ଥ ଅର୍ଥ ଏବଂ ଉଦ୍ୟମିତା ବିକାଶ ଦ୍ୱାରା ସାଧନ ସୃଷ୍ଟି ଏବଂ ଗୁଣାତ୍ମକ ଶିକ୍ଷକ ସୃଷ୍ଟି କରିବାରେ ଅଗ୍ରଗତି କରିଛି। ଏଭଳି ପରିସ୍ଥିତିରେ ପ୍ରତିରକ୍ଷା ପ୍ରଣାଳୀ ଏବଂ ପ୍ରଯୁକ୍ତିବିଦ୍ୟା କ୍ଷେତ୍ରରେ ଗବେଷଣା ପାଇଁ ଡିଆରଡିଓ ସହିତ ସହବନ୍ଧନ ଉତ୍ତରାଧିକାରୀ ପାଇଁ ନୂତନ ପଥ ପରିଷ୍କାର କରିବା।” ଅଭିନବ ଚିନ୍ତାଧାରା ଆଣିବାରେ ରିସର୍ଚ୍ଚ ସ୍ୱଳାଭାବ ଉପରେ ଗୁରୁତ୍ୱ ଦେଇ ସେ କହିଛନ୍ତି: “ଆମର ରିସର୍ଚ୍ଚ ସ୍ୱଳାଭାବମାନେ ମହାନ ଗବେଷଣା କରିବା ଦିଗରେ ମେରୁଦଣ୍ଡ ସଦୃଶ ଅଟନ୍ତି। ସମାଜର ବିକାଶରେ ଯୋଗଦାନ ଏବଂ କିଛି ନୂତନ ଧାରଣା ସହିତ ଏକ ନୂତନ ପରିଚୟ ସୃଷ୍ଟି କରିବା ପାଇଁ, ଏହି ଗବେଷକମାନେ କଠିନ ପରିଶ୍ରମ ଏବଂ ଉତ୍ସାହ ସହିତ କାର୍ଯ୍ୟ କରିବା ଉଚିତ୍, ପାଠ୍ୟ ପୁସ୍ତକ ବାହାରେ ବିସ୍ତୃତ ପଠନରେ ନିୟୋଜିତ ହୋଇ ନିଜର ବୈଷୟିକ ଦକ୍ଷତାର ବିକାଶ କରିବା ଉଚିତ୍ । ଜଣେ ଗବେଷକର ମୂଳ ପ୍ରୋତ୍ସାହନ ଅନ୍ତର୍ନିହିତ ହେବା ଉଚିତ୍, ଯାହା କିଦେଶର ଅନୁସନ୍ଧାନ ଇକୋସିଷ୍ଟମକୁ ସମୃଦ୍ଧ କରିବାରେ ସହାୟକ ହେବ।” ପ୍ରଫେସର ଦିନକର ପାସଲା, ଡିଏ- ପ୍ରାୟୋଜିତ ଅନୁସନ୍ଧାନ ଏବଂ ଶିଳ୍ପ ପରାମର୍ଶ (SRIC) ଅନୁସନ୍ଧାନ ସହଯୋଗ ପାଇଁ ଆଇଆଇଟି ଭୁବନେଶ୍ୱର ଉପରେ ବିଶ୍ୱାସ କରିଥିବାରୁ ଡିଆରଡିଓର ଇସିଏସ୍ କ୍ଲଷ୍ଟର ଧନ୍ୟବାଦ ଜଣାଇଥିଲେ ଏବଂ ପ୍ରତିରକ୍ଷା ଅନୁସନ୍ଧାନ କ୍ଷେତ୍ରରେ ଏହା ଏକ ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ ମାଇଲ୍‌ଷ୍ଟେକ୍ ହେବ ବୋଲି ମତ ବ୍ୟକ୍ତ କରିଥିଲେ। ଏହି ଅବସରରେ ବକ୍ତବ୍ୟ ପ୍ରଦାନ କରି ଆସୋସିଏଟ ହେଡ୍, ଇଲେକ୍ଟ୍ରୋନିକ୍ସ ଆଣ୍ଡ କମ୍ପ୍ୟୁଟିଂ କେସନ ଇଞ୍ଜିନିୟରିଂ ଡକ୍ଟର ବିଜୟ ଶଙ୍କର ପାସୁରେଡି, ଏକ ଧାରଣା ଏବଂ ଦର୍ଶନକୁ କାର୍ଯ୍ୟକାରୀ କରିବା ପାଇଁ ଉତ୍ତମ ମାକ୍ନୋ ଏବଂ ମାଇକ୍ରୋ ସ୍ତର ଉପରେ ଧ୍ୟାନ ଦେବା ଉପରେ ସେ ଗୁରୁତ୍ୱାରୋପ କରିଥିଲେ, ଯାହା ଭବିଷ୍ୟତରେ ଏହି ପ୍ରକଳ୍ପଗୁଡ଼ିକର ସଫଳତା ନିର୍ଦ୍ଧାରଣ କରିବା ସହ ଉଦ୍ଦିଷ୍ଟ ଲକ୍ଷ୍ୟ ହାସଲ କରିବାରେ ସହାୟକ ହେବ ବୋଲି ସେ ଉଲ୍ଲେଖ କରିଥିଲେ। ଏହି ଅବସରରେ, ଡିଆରଡିଓ ପକ୍ଷରୁ ଡକ୍ଟର ଜଗନ୍ନାଥ ନାୟକ, ନିର୍ଦ୍ଦେଶକ, ସେଣ୍ଟର ଫର୍ ହାଇ ଏନର୍ଜି ସିଷ୍ଟମ୍ସ ଆଣ୍ଡ ସାଇନ୍ସ (CHESS); ଶ୍ରୀ ଏନ. ଶ୍ରୀନିବାସ ରାଓ, ନିର୍ଦ୍ଦେଶକ, ଡିଫେନ୍ସ ଇଲେକ୍ଟ୍ରୋନିକ୍ସ ରିସର୍ଚ୍ଚ ଲାବୋରେଟୋରୀ (DLRL); ଶ୍ରୀ ଜି. ବିଶ୍ୱମ, ନିର୍ଦ୍ଦେଶକ, ଇଲେକ୍ଟ୍ରୋନିକ୍ସ ଏବଂ ରାଡାର ଡେଭେଲପମେଣ୍ଟ ଏଣ୍ଡାୟୁସମେଣ୍ଟ (LRDE); ଡକ୍ଟର ଅଜୟ କୁମାର, ନିର୍ଦ୍ଦେଶକ, ଇନଷ୍ଟ୍ରୁମେଣ୍ଟ୍ସ ରିସର୍ଚ୍ଚ ଆଣ୍ଡ ଡେଭେଲପମେଣ୍ଟ ଏଣ୍ଡାୟୁସମେଣ୍ଟ (IRDE) ଏବଂ ଶ୍ରୀ ଏଲ.ସି. ମଙ୍ଗଳ, ନିର୍ଦ୍ଦେଶକ, ଡିଫେନ୍ସ ଇଲେକ୍ଟ୍ରୋନିକ୍ସ ଆୟୁକ୍ଷେପନ ଲାବୋରେଟୋରୀ (DEAL) ପ୍ରମୁଖ ମଧ୍ୟ ବକ୍ତବ୍ୟ ରଖିଥିଲେ। ପ୍ରତିରକ୍ଷା କ୍ଷେତ୍ରରେ ଗବେଷଣା ପାଇଁ ଶିକ୍ଷା ଓ ବୈଷୟିକ ଶିକ୍ଷା ପ୍ରତିଷ୍ଠାନର ସହବନ୍ଧନ ତଥା ଏହି ଗବେଷଣାର ପ୍ରୟୋଗାତ୍ମକ ଭାବେ ଆଗକୁ ନେବା ପାଇଁ ଶିଳ୍ପାନୁଷ୍ଠାନ ପକ୍ଷରୁ ସହଯୋଗ ଉପରେ ଡିଆରଡିଓ ଗୁରୁତ୍ୱ ଆରୋପ କରୁଛି ବୋଲି ସେମାନେ ଉଲ୍ଲେଖ କରିଥିଲେ। ଆନ୍ତର୍ଜାତୀୟ ସ୍ତରର ବୈଷୟିକ ଜ୍ଞାନକୌଶଳର ବିକାଶ ଏବଂ ଅତ୍ୟାଧୁନିକ ପ୍ରକଳ୍ପର ବିକାଶ ଦିଗରେ କାର୍ଯ୍ୟ କରିବା, ଶିଳ୍ପାନୁଷ୍ଠାନ ସହ ସହଭାଗିତାର ମୂଳ ଲକ୍ଷ୍ୟ ବୋଲି ସେମାନେ କହିଥିଲେ।

ଅନ୍ୟମାନଙ୍କ ମଧ୍ୟରେ ଆଇଆଇଟି ଭୁବନେଶ୍ୱରର କମ୍ପ୍ୟୁଟର ସାଇନ୍ସ ଇଞ୍ଜିନିୟରିଂ ଡାକ୍ତର ଡି.ପି. ଡୋଗ୍ରା କାର୍ଯ୍ୟକ୍ରମର ସଂଯୋଜନା କରିଥିଲେ।



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

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ଆଇଆଇଠି ଭୁବନେଶ୍ୱର-ଡିଆରଡିଓ ସହଯୋଗ କିକ୍-ଅଫ୍ ବୈଠକ ଆୟୋଜିତ



By Prajukti Odisha Last updated May 7, 2024 0



ସେଣ୍ଟର ଅଫ୍ ଏକ୍ସିଲେନ୍ସ ପ୍ରତିଷ୍ଠାର ସମ୍ଭାବନା ସଂକ୍ରାନ୍ତରେ ଅନୁଶୀଳନ

ଭୁବନେଶ୍ୱର, ୭ ମଇ ୨୦୨୪: ଏକ ମହତ୍ତ୍ୱପୂର୍ଣ୍ଣ ପଦକ୍ଷେପ ଭାବରେ ଭାରତୀୟ ପ୍ରଯୁକ୍ତିବିଦ୍ୟା ପ୍ରତିଷ୍ଠାନ (ଆଇଆଇଠି) ଭୁବନେଶ୍ୱର ଏବଂ ପ୍ରତିରକ୍ଷା ଅନୁସନ୍ଧାନ ଏବଂ ବିକାଶ ସଂଗଠନ (ଡିଆରଡିଓ) ମଧ୍ୟରେ ଗବେଷଣାମୂଳକ ସହଯୋଗ କିକ୍-ଅଫ୍ ବୈଠକ ୭ ମଇ ୨୦୨୪ ରେ ଅନୁଷ୍ଠିତ ହୋଇଯାଇଛି। ବିଭିନ୍ନ ଗବେଷଣା ପ୍ରକଳ୍ପର ହସ୍ତାନ୍ତର ତଥା କିକ୍ ଅଫ୍ ସମାରୋହରେ ଡିଆରଡିଓର ଇଲେକ୍ଟ୍ରୋନିକ୍ସ ଏବଂ ଯୋଗାଯୋଗ ସିଷ୍ଟମ



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(ଇସିଏସ) କ୍ଲଷ୍ଟରର ମହାନିର୍ଦ୍ଦେଶକ ଡକ୍ଟର ବିନୟ କେ. ଦାସଙ୍କ ସହ ସିଏଚଇଏସଏସ (CHESS), ଏଲଆରଡିଇ (LRDE), ଡିଇଏଏଲ (DEAL), ଡିଏଲଆରଏଲ (DLRL) ଏବଂ ଆଇଆରଡିଇ (IRDE) ଆଦି ଲ୍ୟାବର ନିର୍ଦ୍ଦେଶକବୃନ୍ଦ ତଥା ଡିଆରଡିଓର ବରିଷ୍ଠ ବୈଜ୍ଞାନିକମାନେ ଉପସ୍ଥିତ ଥିଲେ।

ଏହି ବୈଠକରେ ଡିଆରଡିଓର ଇସିଏସ କ୍ଲଷ୍ଟରରୁ ୯ଟି ମଞ୍ଜୁରୀପ୍ରାପ୍ତ ପ୍ରକଳ୍ପ ହସ୍ତାନ୍ତର କରାଯାଇଥିଲା ଏବଂ ପରେ ଆଇଆଇଟି ଭୁବନେଶ୍ୱର ଅଧ୍ୟାପକବୃନ୍ଦ ତଥା ରିସର୍ଚ୍ଚ ସ୍କଲାରଙ୍କ ସହ ପାରସ୍ପରିକ ଆଲୋଚନାର ଅଧିବେଶନ କରାଯାଇଥିଲା। ଆଗକୁ ଆହୁରି ୧୮ କୋଟି ଟଙ୍କା ମୂଲ୍ୟର ୭ ଟି ପ୍ରକଳ୍ପ ମଞ୍ଜୁର କରିବାକୁ ପ୍ରକ୍ରିୟା ଚାଲିଛି। ଆଇଆଇଟି ଭୁବନେଶ୍ୱର ଅନୁମୋଦିତ ପ୍ରକଳ୍ପଗୁଡ଼ିକ ଉପରେ କାର୍ଯ୍ୟ କରିବ, ଯାହା ଇଲେକ୍ଟ୍ରୋନିକ୍ସ ଯୁଦ୍ଧ, କୃତ୍ରିମ ବୁଦ୍ଧିମତା (ଏଆଇ) ଚାଳିତ ନୀରିକ୍ଷଣ, ପାଖାର ସିଷ୍ଟମ, ରାଡାର ସିଷ୍ଟମ ଇତ୍ୟାଦିରେ ଲାଭଦାୟକ ହେବ।

ସ୍କୁଲ ଅଫ ଇଲେକ୍ଟ୍ରୋନିକ୍ସ କାଲ ସାଇନ୍ସେସର ମୁଖ୍ୟ ପ୍ରଫେସର ଏସ୍. ଆର୍. ସାମନ୍ତରାୟ ମାନ୍ୟଗଣ୍ୟ ବ୍ୟକ୍ତିଙ୍କୁ ସ୍ୱାଗତ କରିବା ସହ ଅନୁମୋଦିତ ପ୍ରକଳ୍ପଗୁଡ଼ିକ ବିଷୟରେ ସୂଚନା ଦେଇଥିଲେ। ଆଇଆଇଟି ଭୁବନେଶ୍ୱର ଏବଂ ଡିଆରଡିଓ ମଧ୍ୟରେ ଏହି ସହବନ୍ଧନ ପ୍ରତିରକ୍ଷା ପ୍ରୟୋଗଗୁଡ଼ିକର ଉଦ୍ୟୋଗୀ ଗବେଷଣା ଏବଂ ବିକାଶରେ ସହାୟକ ହେବ, ଯାହା କି ‘ଆମ୍ ନିର୍ଭର ଭାରତ’ ପାଇଁ ପ୍ଲାଟଫର୍ମ ସୃଷ୍ଟି କରିବ । ଏହି ପ୍ରକାର ସହଯୋଗ ପ୍ରତିରକ୍ଷା ଅନୁସନ୍ଧାନ କାର୍ଯ୍ୟକ୍ରମଗୁଡ଼ିକର ସ୍ଥାୟୀତ୍ୱକୁ ସମୃଦ୍ଧ କରିବା ସହ ରାଷ୍ଟ୍ର ନିର୍ମାଣ ପାଇଁ ଇକୋ-ସିଷ୍ଟମର ଏକ ଅଂଶ ହେବ ବୋଲି ସେ ମତବ୍ୟକ୍ତ କରିଥିଲେ ।

ଏହି ଅବସରରେ ଡକ୍ଟର ଦାସ କହିଛନ୍ତି: “ଡିଆରଡିଓର ଇସିଏସ୍ କ୍ଲଷ୍ଟର ଏବଂ ଆଇଆଇଟି ଭୁବନେଶ୍ୱର ମଧ୍ୟରେ ଏହି ସହଯୋଗ, ପ୍ରତିରକ୍ଷା ପ୍ରଯୁକ୍ତିବିଦ୍ୟା କ୍ଷେତ୍ରରେ ଦେଶର ଭବିଷ୍ୟତର ଆବଶ୍ୟକତା ପୂରଣ କରିବା ପାଇଁ ଐକ୍ୟବଦ୍ଧ ଭାବେ କାର୍ଯ୍ୟ କରିବା ପାଇଁ ଉଦ୍ଦିଷ୍ଟ।” ସେ କହିଛନ୍ତି ଯେ ଟେକ୍ନୋଲୋଜିରେ ସମ୍ପନ୍ନ ଏବଂ ଟ୍ରେଣ୍ଡ ସେଟର୍ ହେବା ପାଇଁ ଡିଆରଡିଓ ଏକ ରୂପାନ୍ତରଣ ଦେଇ ଗତି କରୁଛି। “ବର୍ତ୍ତମାନ ଲକ୍ଷ୍ୟ ହେଉଛି ଆମ୍ ନିର୍ଭରଶୀଳତା ଠାରୁ ଆଗକୁ ଯାଇ ଭାରତୀୟ ସଶସ୍ତ୍ର ବାହିନୀର ଉଚ୍ଚ ମାନଦଣ୍ଡ ସ୍ଥିର କରିବା, ଯାହାକି ବିଶ୍ୱସ୍ତରରେ ଅନୁକରଣୀୟ ହେବ। ଏହି ପରିପ୍ରେକ୍ଷୀରେ, ଏହି ସହଯୋଗ ଏବଂ ଆଇଆଇଟି ଭୁବନେଶ୍ୱରରେ ଏକ ସେଣ୍ଟର ଅଫ୍ ଏକ୍ସିଲେନ୍ସ ପ୍ରତିଷ୍ଠା କରିବାର ସମ୍ଭାବନା ଆଗାମୀ ସମୟରେ ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ ପ୍ରମାଣିତ ହେବ ବୋଲି ସେ କହିଛନ୍ତି। ବିଭିନ୍ନ ଡିଆରଡିଓ ଅନୁମୋଦିତ ପ୍ରକଳ୍ପ ସହିତ ଜଡ଼ିତ ଗବେଷକ ଏବଂ ଅଧ୍ୟାପକବୃନ୍ଦଙ୍କୁ ପ୍ରକଳ୍ପରେ ନିୟମିତ ଭାବେ ଉପଯୁକ୍ତ ସମୀକ୍ଷା ଏବଂ ବିପଦ ପରିଚାଳନା ପ୍ରଣାଳୀ ସହିତ ବ୍ୟବସ୍ଥିତ ଭାବରେ କାର୍ଯ୍ୟ କରି ପ୍ରକଳ୍ପଗୁଡ଼ିକୁ ଠିକ୍ ସମୟରେ ସମ୍ପୂର୍ଣ୍ଣ କରିବାକୁ ଏବଂ ଅନନ୍ୟ ସମାଧାନ ବାହାର କରିବାକୁ ପରାମର୍ଶ ଦେଇଛନ୍ତି।



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ଡିଆରଡିଓ ସହିତ ଏହି ସହବନ୍ଧନ ବିଷୟରେ ସୂଚନା ଦେଇ ଆଇଆଇଟି ଭୁବନେଶ୍ୱରର ନିର୍ଦ୍ଦେଶକ ପ୍ରଫେସର ଶ୍ରୀପାଦ୍ କରମଲକର କହିଛନ୍ତି: “ସାରା ଦେଶରେ ଆଇଆଇଟି ଜ୍ଞାନ ସୂଚନା ଏବଂ ଜ୍ଞାନ ବିସ୍ତାର ଠାରୁ ଆଗକୁ ବଢ଼ି ଜ୍ଞାନ ପ୍ରୟୋଗ, ସ୍ୱାର୍ଥ ଅର୍ଥ ଏବଂ ଉଦ୍ୟମିତା ବିକାଶ ଦ୍ୱାରା ସାଧନ ସୃଷ୍ଟି ଏବଂ ଗୁଣାତ୍ମକ ଶିକ୍ଷକ ସୃଷ୍ଟି କରିବାରେ ଅଗ୍ରଗତି କରିଛି। ଏଭଳି ପରିସ୍ଥିତିରେ ପ୍ରତିରକ୍ଷା ପ୍ରଣାଳୀ ଏବଂ ପ୍ରଯୁକ୍ତିବିଦ୍ୟା କ୍ଷେତ୍ରରେ ଗବେଷଣା ପାଇଁ ଡିଆରଡିଓ ସହିତ ସହବନ୍ଧନ ଉତ୍କର୍ଷତା ପାଇଁ ନୂତନ ପଥ ପରିଷ୍କାର କରିବା।” ଅଭିନବ ଚିନ୍ତାଧାରା ଆଣିବାରେ ରିସର୍ଚ୍ଚ ସ୍କଲାରଙ୍କ ଭୂମିକା ଉପରେ ଗୁରୁତ୍ୱ ଦେଇ ସେ କହିଛନ୍ତି: “ଆମର ରିସର୍ଚ୍ଚ ସ୍କଲାରମାନେ ମହାନ ଗବେଷଣା କରିବା ଦିଗରେ ମେରୁଦଣ୍ଡ ସଦୃଶ ଅଟନ୍ତି। ସମାଜର ବିକାଶରେ ଯୋଗଦାନ ଏବଂ କିଛି ନୂତନ ଧାରଣା ସହିତ ଏକ ନୂତନ ପରିଚୟ ସୃଷ୍ଟି କରିବା ପାଇଁ, ଏହି ଗବେଷକମାନେ କଠିନ ପରିଶ୍ରମ ଏବଂ ଉତ୍ସାହ ସହିତ କାର୍ଯ୍ୟ କରିବା ଉଚିତ୍, ପାଠ୍ୟ ପୁସ୍ତକ ବାହାରେ ବିଷ୍ଣୁତ ପଠନରେ ନିୟୋଜିତ ହୋଇ ନିଜର ବୈଷୟିକ ଦକ୍ଷତାର ବିକାଶ କରିବା ଉଚିତ୍ । ଜଣେ ଗବେଷକର ମୂଳ ପ୍ରୋତ୍ସାହନ ଅନ୍ତର୍ନିହିତ ହେବା ଉଚିତ୍, ଯାହା କିଦେଶର ଅନୁସନ୍ଧାନ ଇକୋସିଷ୍ଟମକୁ ସମୃଦ୍ଧ କରିବାରେ ସହାୟକ ହେବ।”

ପ୍ରଫେସର ଦିନକର ପାସଲା, ଡିନ୍- ପ୍ରାୟୋଜିତ ଅନୁସନ୍ଧାନ ଏବଂ ଶିଳ୍ପ ପରାମର୍ଶ (SRIC) ଅନୁସନ୍ଧାନ ସହଯୋଗ ପାଇଁ ଆଇଆଇଟି ଭୁବନେଶ୍ୱର ଉପରେ ବିଶ୍ୱାସ କରିଥିବାରୁ ଡିଆରଡିଓର ଇସିଏସ୍ କ୍ଲଷ୍ଟର ଧନ୍ୟବାଦ ଜଣାଇଥିଲେ ଏବଂ ପ୍ରତିରକ୍ଷା ଅନୁସନ୍ଧାନ କ୍ଷେତ୍ରରେ ଏହା ଏକ ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ ମାଇଲ୍ସ୍ଟୁଣ୍ଡ ହେବ ବୋଲି ମତ ବ୍ୟକ୍ତ କରିଥିଲେ। ଏହି ଅବସରରେ ବକ୍ତବ୍ୟ ପ୍ରଦାନ କରି ଆସୋସିଏଟ ହେଡ୍, ଇଲେକ୍ଟ୍ରୋନିକ୍ସ ଆଣ୍ଡ କମ୍ପ୍ୟୁଟିଂ କେସନ ଇଞ୍ଜିନିୟରିଂ ଡକ୍ଟର ବିଜୟ ଶଙ୍କର ପାସୁରେଡି, ଏକ ଧାରଣା ଏବଂ ଦର୍ଶନକୁ କାର୍ଯ୍ୟକାରୀ କରିବା ପାଇଁ ଉତ୍ତମ ମାକ୍ରୋ ଏବଂ ମାଇକ୍ରୋ ସ୍ତର ଉପରେ ଧ୍ୟାନ ଦେବା ଉପରେ ସେ ଗୁରୁତ୍ୱାରୋପ କରିଥିଲେ, ଯାହା ଭବିଷ୍ୟତରେ ଏହି ପ୍ରକଳ୍ପଗୁଡ଼ିକର ସଫଳତା



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ନିର୍ଦ୍ଧାରଣ କରିବା ସହ ଉଦ୍ଦିଷ୍ଟ ଲକ୍ଷ୍ୟ ହାସଲ କରିବାରେ ସହାୟକ ହେବ ବୋଲି ସେ ଉଲ୍ଲେଖ କରିଥିଲେ। ଏହି ଅବସରରେ, ଡିଆରଡିଓ ପକ୍ଷରୁ ଡକ୍ଟର ଜଗନ୍ନାଥ ନାୟକ, ନିର୍ଦ୍ଦେଶକ, ସେଣ୍ଟର ଫର୍ ହାଇ ଏନର୍ଜି ସିଷ୍ଟମ୍ ଆଣ୍ଡ ସାଇନ୍ଦ୍ରେସ (CHESS); ଶ୍ରୀ ଏନ. ଶ୍ରୀନିବାସ ରାଓ, ନିର୍ଦ୍ଦେଶକ, ଡିପେନ୍ସ ଇଲେକ୍ଟ୍ରୋନିକ୍ସ ରିସର୍ଚ୍ଚ ଲାବୋରେଟୋରୀ (DLRL); ଶ୍ରୀ ଜି. ବିଶ୍ୱାମ, ନିର୍ଦ୍ଦେଶକ, ଇଲେକ୍ଟ୍ରୋନିକ୍ସ ଏବଂ ରାଡାର ଡେଭେଲପମେଣ୍ଟ ଏଣ୍ଡାବ୍ଲିସମେଣ୍ଟ (LRDE); ଡକ୍ଟର ଅଜୟ କୁମାର, ନିର୍ଦ୍ଦେଶକ, ଇନଷ୍ଟ୍ରୁମେଣ୍ଟ୍ସ୍ ରିସର୍ଚ୍ଚ ଆଣ୍ଡ ଡେଭେଲପମେଣ୍ଟ ଏଣ୍ଡାବ୍ଲିସମେଣ୍ଟ (IRDE) ଏବଂ ଶ୍ରୀ ଏଲ.ସି. ମଙ୍ଗଳ, ନିର୍ଦ୍ଦେଶକ, ଡିପେନ୍ସ ଇଲେକ୍ଟ୍ରୋନିକ୍ସ ଆପ୍ଲିକେସନ ଲାବୋରେଟୋରୀ (DEAL) ପ୍ରମୁଖ ମଧ୍ୟ ବକ୍ତବ୍ୟ ରଖିଥିଲେ। ପ୍ରତିରକ୍ଷା କ୍ଷେତ୍ରରେ ଗବେଷଣା ପାଇଁ ଶିକ୍ଷା ଓ ବୈଷୟିକ ଶିକ୍ଷା ପ୍ରତିଷ୍ଠାନର ସହବନ୍ଧନ ତଥା ଏହି ଗବେଷଣାର ପ୍ରୟୋଗାତ୍ମକ ଭାବେ ଆଗକୁ ନେବା ପାଇଁ ଶିକ୍ଷାନୁଷ୍ଠାନ ପକ୍ଷରୁ ସହଯୋଗ ଉପରେ ଡିଆରଡିଓ ଗୁରୁତ୍ୱ ଆରୋପ କରୁଛି ବୋଲି ସେମାନେ ଉଲ୍ଲେଖ କରିଥିଲେ। ଆନ୍ତର୍ଜାତୀୟ ସ୍ତରର ବୈଷୟିକ ଜ୍ଞାନକୌଶଳର ବିକାଶ ଏବଂ ଅତ୍ୟାଧୁନିକ ପ୍ରକଳ୍ପର ବିକାଶ ଦିଗରେ କାର୍ଯ୍ୟ କରିବା, ଶିକ୍ଷାନୁଷ୍ଠାନ ସହ ସହଭାଗିତାର ମୂଳ ଲକ୍ଷ୍ୟ ବୋଲି ସେମାନେ କହିଥିଲେ। ଅନ୍ୟମାନଙ୍କ ମଧ୍ୟରେ ଆଇଆଇଟି ଭୁବନେଶ୍ୱରର କମ୍ପ୍ୟୁଟର ସାଇନ୍ସ ଇଞ୍ଜିନିୟରିଂ ଡାକ୍ତର ଡି.ପି. ଡୋଗ୍ରା କାର୍ଯ୍ୟକ୍ରମର ସଂଯୋଜନା କରିଥିଲେ।



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

Media/Publication	The Pioneer		
Date	8 th May, 2024	Language	English
Headline	DRDO hands over 9 projects to IIT-BBS		

DRDO hands over 9 projects to IIT-BBS

In areas of electronic warfare, AI-driven surveillance, power, radar systems, etc.

PNS ■ BHUBANESWAR

As a groundbreaking initiative, the Indian Institute of Technology (IIT) Bhubaneswar and the Defence Research and Development Organisation (DRDO) 'Collaboration Kick-off Meeting' was held on Tuesday. Director General (DG) of Electronics and Communication Systems



(ECS) Cluster, DRDO, and the Directors of CHES, LRDE, DEAL, DLRL and IRDE of DRDO Labs Dr Binay K Das along with senior scientists were present during the handing over of projects and kick-off function.

During the meeting, nine sanctioned projects from ECS Cluster of DRDO were handed over, followed by an interaction session with IIT Bhubaneswar faculty members

and research scholars. Further another 7 projects are in process to be sanctioned with a total worth of Rs 18 crore funding. The IIT Bhubaneswar will work on the sanctioned projects, which would be beneficial in electronics warfare, AI driven surveillance, power systems and radar systems etc.

Head of the School of Electrical Sciences Prof SR Samantaray welcomed the dignitaries and briefed about

the sanctioned projects.

"The goal is now to move beyond attaining self-reliance to setting standards for the Indian Armed Forces, for others across the globe to emulate. In this context, this collaboration, and the further opportunity to set up a Centre of Excellence at IIT Bhubaneswar would prove crucial," Dr Das said. He further advised the researchers and faculty members associated with various DRDO sanctioned projects to work systematically with proper review and risk management system to complete the projects in time and come up with unique solutions.



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर Indian Institute of Technology Bhubaneswar

Media/Publication	The Statesman		
Date	8 th May, 2024	Language	English
Headline	DRDO Collaboration with IIT Bhubaneswar for future defence needs		





भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर Indian Institute of Technology Bhubaneswar

Media/Publication	The Around Odisha		
Date	8 th May, 2024	Language	English
Headline	IIT Bhubaneswar-DRDO Collaboration Kick-off Meeting explored possibilities of Centre of Excellence Establishment		

IIT Bhubaneswar-DRDO Collaboration Kick-off Meeting explored possibilities of Centre of Excellence Establishment

Bhubaneswar, (AoBureau): As a groundbreaking initiative, Indian Institute of Technology (IIT) Bhubaneswar and Defence Research and Development Organisation (DRDO) Collaboration Kick-off Meeting was held on 7th May 2024. Dr. Binay K. Das, Director General (DG) of Electronics and Communication Systems (ECS) Cluster, DRDO, and the Directors of CHES, LRDE, DEAL, DLRL and IRDE of DRDO Labs along with senior scientists were present during the handover of projects and kick-off function. During the meeting, 9 sanctioned projects from ECS Cluster of DRDO were handed over, followed by an interaction session with IIT Bhubaneswar faculty members and Research Scholars. Further another 7 projects are in process to be



sanctioned with a total worth of Rs. 18 crore funding. IIT Bhubaneswar will work on the sanctioned projects, which would be beneficial in Electronics warfare, AI Driven surveillance, power systems, Radar systems etc. Prof S.R. Samantaray, Head of the School, Electrical Sciences welcomed the dignitaries and briefed about the sanctioned projects. He said: "The collaboration of IIT Bhubaneswar and DRDO will contribute to the emerging Research and Development need of defence applications, creating platform for

'Atma Nirbhar Bharat'. This form of collaboration will enhance the sustainability of defence research programs and will be part of the ecosystem for nation building." Speaking on the occasion, Dr. Das said: "This collaboration between the ECS Cluster, DRDO and IIT Bhubaneswar is intended towards working for a common cause to fulfil the future needs of the country in the field of defence technology." He said that DRDO is going through a transformation from technology chasers to become technology

enablers and trend setters. "The goal is now to move beyond from attaining self-reliance to setting standards for the Indian Armed Forces, for others across the globe to emulate. In this context, this collaboration, and the further opportunity to set up a Centre of Excellence at IIT Bhubaneswar would prove crucial," he added. He further advised the researchers and faculty members associated with various DRDO sanctioned projects to work systematically with proper review and risk management system to complete the projects in time and come up with unique solutions.



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर Indian Institute of Technology Bhubaneswar

Media/Publication	The Political & Business Daily		
Date	8 th May, 2024	Language	English
Headline	IIT Bhubaneswar and DRDO forge crucial collaboration for defence research		

IIT Bhubaneswar and DRDO forge crucial collaboration for defence research



PBD BUREAU

BHUBANESWAR, MAY 7

IN a significant stride towards bolstering India's defence capabilities, the Indian Institute of Technology (IIT) Bhubaneswar and the Defence Research and Development Organisation (DRDO) have initiated a collaborative effort. The pivotal kick-off meeting held on Tuesday, marked the beginning of this groundbreaking partnership.

Dr. Binay K. Das, Director General of the Electronics and Communication Systems (ECS) Cluster at DRDO, alongside Directors from various DRDO labs, graced the event where nine sanctioned projects were handed over. An additional seven projects, with a combined funding worth Rs. 18 crore, are in the pipeline for approval.

The collaboration aims to address crucial areas such as Electronic warfare, AI-driven surveillance, power systems, and radar systems, crucial for bolstering India's defence

mechanisms.

Prof. S.R. Samantaray, Head of the School of Electrical Sciences at IIT Bhubaneswar, highlighted the significance of this partner-

ship in meeting the evolving research and development needs of defence applications, fostering an environment for 'Atma Nirbhar Bharat' (self-reliant India).

Dr. Das emphasized DRDO's shift towards becoming technology enablers and trendsetters, aiming to set global standards in defence technology. He underscored the importance of systematic work and proper review mechanisms to ensure timely completion of projects and the delivery of innovative solutions.

Prof. Shreepad Karmalkar, Director of IIT Bhubaneswar, underscored the role of research scholars in driving innovation and emphasized the institution's commitment to knowledge application and wealth generation through collaborations like this.

Speaking on behalf of DRDO, directors from various DRDO labs reiterated the organization's commitment to collaborating with academia and industry to develop cutting-edge defence technologies, positioning India at par with international standards.



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर

Indian Institute of Technology Bhubaneswar

Media/Publication	The Suryaprava		
Date	8 th May, 2024	Language	Odia
Headline	IIT Bhubaneswar-DRDO Collaboration Kick-off Meeting held		

ଆଇଆଇଟି ଭୁବନେଶ୍ୱର-ଡିଆରଡିଓ ସହଯୋଗୀତା କିକ୍-ଅଫ୍ ବୈଠକ



॥ ପ୍ରଭାନ୍ତ୍ୟୁକ୍ ॥ କଟକ, ୭:୫୫: ଭାରତୀୟ ପ୍ରଯୁକ୍ତିବିଦ୍ୟା ପ୍ରତିଷ୍ଠାନ (ଆଇଆଇଟି) ଭୁବନେଶ୍ୱର ଏବଂ ପ୍ରତିରକ୍ଷା ଅନୁସନ୍ଧାନ ଏବଂ ବିକାଶ ସଂଗଠନ (ଡିଆରଡିଓ) ମଧ୍ୟରେ ଗବେଷଣାମୂଳକ ସହଯୋଗୀତା କିକ୍-ଅଫ୍ ବୈଠକ ଅନୁଷ୍ଠିତ ହୋଇଯାଇଛି । ବିଭିନ୍ନ ଗବେଷଣା ପ୍ରକଳ୍ପର ହସ୍ତାନ୍ତର ତଥା କିକ୍ ଅଫ୍ ସମାବେଶରେ ଡିଆରଡିଓର ଇଲେକ୍ଟ୍ରୋନିକ୍ ଏବଂ ଯୋଗାଯୋଗ ବିଭାଗ (ଇସିଏସ) କୁଷ୍ମର ମହାନିର୍ଦ୍ଦେଶକ ଡକ୍ଟର ବିନୟ କେ.ଦାସଙ୍କ ସହ ସିଏଚଇଏସଏସ, ଏଲଆରଡିଓ, ଡିଭଏଏଲ, ଡିଏଲଆରଏଲ ଏବଂ ଆଇଆରଡିଓ ଆଦି ଲ୍ୟାବର ନିର୍ଦ୍ଦେଶକଙ୍କୁଦ୍ୱାରା ଡିଆରଡିଓର ବରିଷ୍ଠ ବୈଜ୍ଞାନିକମାନେ ଉପସ୍ଥିତ ଥିଲେ ।

ଏହି ବୈଠକରେ ଡିଆରଡିଓର ଇସିଏସ କୁଷ୍ମର ୯ଟି ମଞ୍ଜୁରୀପ୍ରାପ୍ତ ପ୍ରକଳ୍ପ ହସ୍ତାନ୍ତର କରାଯାଇଥିଲା ଏବଂ ପରେ ଆଇଆଇଟି ଭୁବନେଶ୍ୱର ଅଧ୍ୟାପକଙ୍କୁଦ୍ୱାରା ଡିଆରଡିଓର ଇସିଏସ କୁଷ୍ମରଙ୍କୁ ତଥା ବିଭିନ୍ନ ଗବେଷଣା ପ୍ରକଳ୍ପର ହସ୍ତାନ୍ତର କରାଯାଇଥିଲା । ଆଗକୁ ଆହୁରି ୧୮ କୋଟି ଟଙ୍କା ମୂଲ୍ୟର ୭ ଟି ପ୍ରକଳ୍ପ ମଞ୍ଜୁର କରାଯାଇ ପୁରୁଣା ଉପରେ ଆଇଆଇଟି ଭୁବନେଶ୍ୱର ଅନୁଯୋଗିତ ପ୍ରକଳ୍ପଗୁଡ଼ିକ ଉପରେ କାର୍ଯ୍ୟ କରିବା, ଯାହା ଇଲେକ୍ଟ୍ରୋନିକ୍ସ, କୃତ୍ରିମ ବୁଦ୍ଧିମତା (ଏଆଇ)

ଇଲିକ୍ଟ୍ରୋନିକ୍ସ, ପାଞ୍ଚାଳ ବିଭାଗ, ରାଜ୍ୟ ବିଭାଗ କର୍ମଚାରୀଙ୍କୁ ଲାଭଦାୟକ ହେବାରୁ ଅପ୍ ଇଲେକ୍ଟ୍ରୋନିକ୍ସ ସାହାଯ୍ୟରେ ମୁଖ୍ୟ ପ୍ରଫେସର ଏସ. ଆର. ସାମନ୍ତରାୟ ମାନ୍ୟଗଣ୍ୟ ବ୍ୟକ୍ତିଙ୍କୁ ସ୍ୱାଗତ କରିବା ସହ ଅନୁଯୋଗିତ ପ୍ରକଳ୍ପଗୁଡ଼ିକ ବିଷୟରେ ସୂଚନା ଦେଇଥିଲେ । ଆଇଆଇଟି ଭୁବନେଶ୍ୱର ଏବଂ ଡିଆରଡିଓ ମଧ୍ୟରେ ଏହି ସହଯୋଗୀତା ପ୍ରତିରକ୍ଷା ପ୍ରୟୋଗଗୁଡ଼ିକର ଉଦ୍ଦେଶ୍ୟ ଗବେଷଣା ଏବଂ ବିକାଶରେ ସହଯୋଗ ହେବ, ଯାହା କି 'ଆମ ନିର୍ଭର ଭାରତ' ପାଇଁ ପୁରୁଷାର୍ଥ ସୃଷ୍ଟି କରିବ । ଏହି ପରିପ୍ରେକ୍ଷାରେ ଏହି ସହଯୋଗୀତା ଆଇଆଇଟି ଭୁବନେଶ୍ୱରରେ ଏକ ସେକ୍ସର ଅଫ୍ ଏକ୍ସିଲେନ୍ସ ପ୍ରତିଷ୍ଠା କରିବାର ସମ୍ଭାବନା ଆଗାମୀ ସମୟରେ ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ ପ୍ରମାଣିତ ହେବ । ଡିଆରଡିଓ ସହିତ ଏହି ସହଯୋଗୀତା ବିଷୟରେ ସୂଚନା ଦେଇ ଆଇଆଇଟି ଭୁବନେଶ୍ୱର ନିର୍ଦ୍ଦେଶକ ପ୍ରଫେସର ଶ୍ରୀଯୁକ୍ତ କରମଲକର କହିଛନ୍ତି ଯାହା ଦେଖି ଆଇଆଇଟି ଜ୍ଞାନ ସୂଚନା ଏବଂ ଜ୍ଞାନ ବିସ୍ତାର ଠାରୁ ଆଗକୁ ବି ଜ୍ଞାନ ପ୍ରୟୋଗ, ଖର୍ଚ୍ଚ ଅଫ୍ ଏବଂ ଉଦ୍ୟମିତା ବିକାଶ ଦ୍ୱାରା ସାଧନ ସୃଷ୍ଟି ଏବଂ ଗୁଣାତ୍ମକ ଶିକ୍ଷକ ସୃଷ୍ଟି କରିବାରେ ଅଗ୍ରଗତି କରିଛି । ଏଭଳି ପରିସ୍ଥିତିରେ ପ୍ରତିରକ୍ଷା ପ୍ରଣାଳୀ ଏବଂ ପ୍ରଯୁକ୍ତିବିଦ୍ୟା କ୍ଷେତ୍ରରେ ଗବେଷଣା ପାଇଁ ଡିଆରଡିଓ

ସହିତ ସହଯୋଗୀତା ଉତ୍ସର୍ଗୀ ପାଇଁ ନୂତନ ପଥ ପରିଷ୍କାର କରିବ । ପ୍ରଫେସର ବିନୟ କେ.ଦାସଙ୍କ ଡି-ପ୍ରୋକ୍ଟିଡ୍ ଅନୁସନ୍ଧାନ ଏବଂ ଶିକ୍ଷା ପରାମର୍ଶ ଅନୁସନ୍ଧାନ ସହଯୋଗୀତା ପାଇଁ ଆଇଆଇଟି ଭୁବନେଶ୍ୱର ଉପରେ ବିଶ୍ୱାସ କରିଥିବାରୁ ଡିଆରଡିଓର ଇସିଏସ କୁଷ୍ମର ଧନ୍ୟବାଦ ଜଣାଇଥିଲେ ଏବଂ ପ୍ରତିରକ୍ଷା ଅନୁସନ୍ଧାନ କ୍ଷେତ୍ରରେ ଏହା ଏକ ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ ମାଲଲଗୁଣ ହେବ ବୋଲି ମତ ବ୍ୟକ୍ତ କରିଥିଲେ । ଏହି ଅବସରରେ ବକ୍ତବ୍ୟ ପ୍ରଦାନ କରି ଆସୋସିଏଟ ହେଡ୍, ଇଲେକ୍ଟ୍ରୋନିକ୍ସ ଆଣ୍ଡ କମ୍ୟୁନିକେସନ୍ ଇଂଜିନିୟରିଂ ଡକ୍ଟର ବିନୟ କେ.ଦାସଙ୍କୁ ଏକ ଧାରଣା ଏବଂ ଦର୍ଶନକୁ କାର୍ଯ୍ୟକାରୀ କରିବା ପାଇଁ ଉତ୍ତମ ମାତ୍ରା ଏବଂ ମାଲକୋଷ୍ଟର ଉପରେ ଧ୍ୟାନ ଦେବା ଉପରେ ସେ ଗୁରୁତ୍ୱାରୋପ କରିଥିଲେ, ଯାହା ଭବିଷ୍ୟତରେ ଏହି ପ୍ରକଳ୍ପଗୁଡ଼ିକର ସଫଳତା ନିର୍ଦ୍ଧାରଣ କରିବା ସହ ଉଚ୍ଚ ଲକ୍ଷ୍ୟ ହାସଲ କରିବାରେ ସହାୟକ ହେବ ବୋଲି ସେ ଉଲ୍ଲେଖ କରିଥିଲେ । ଏହି ଅବସରରେ ଡିଆରଡିଓ ପକ୍ଷରୁ ଡକ୍ଟର କରମଲକର ନାୟକ, ନିର୍ଦ୍ଦେଶକ, ସେକ୍ସର ଫର୍ ହାଲ ଏନର୍ଜି ବିଭାଗ ଆଣ୍ଡ ସାହାଯ୍ୟ, ଶ୍ରୀ ଏନ. ଶ୍ରୀନିବାସ ରାଓ ନିର୍ଦ୍ଦେଶକ, ଡିପ୍ରେନ୍ଡ୍ ଇଲେକ୍ଟ୍ରୋନିକ୍ସ ରିସର୍ଚ୍ଚ ଲାବୋରେଟୋରୀ, ଡି. ବିଶ୍ୱମ, ନିର୍ଦ୍ଦେଶକ, ଇଲେକ୍ଟ୍ରୋନିକ୍ସ ଏବଂ ଗାଡ଼ାର ଡେଭେଲପମେଣ୍ଟ ଏଣ୍ଡ୍ ସିଷ୍ଟମ୍ସ ଡିଭିଜନ୍, ଡକ୍ଟର ଅକ୍ଷୟ କୁମାର ନିର୍ଦ୍ଦେଶକ, ଇନ୍‌ଷ୍ଟିଚ୍ୟୁଟ୍ ଅଫ୍ ଡେଭେଲପମେଣ୍ଟ ଏଣ୍ଡ୍ ସିଷ୍ଟମ୍ସ ଡିଭିଜନ୍, ଡିପ୍ରେନ୍ଡ୍ ଇଲେକ୍ଟ୍ରୋନିକ୍ସ ଆପ୍ଲିକେସନ୍ ଲାବୋରେଟୋରୀ ପ୍ରମୁଖ ମଧ୍ୟ ବକ୍ତବ୍ୟ ରଖିଥିଲେ । ଆଇଆଇଟି ଭୁବନେଶ୍ୱରର କମ୍ୟୁନିକେସନ୍ ସାହାଯ୍ୟ ଇଂଜିନିୟରିଂ ଡାକ୍ତର ଡି.ପି. ଚୋପ୍ରା କାର୍ଯ୍ୟକ୍ରମର ସଂଯୋଜନା କରିଥିଲେ ।



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ଆଇଆଇଟି-ଡିଆର୍ଡିଓ ମଧ୍ୟରେ କିଛି ଅଫ୍ ବୈଠକ

୯ ପ୍ରକଳ୍ପ ହସ୍ତାନ୍ତର, ୭କୁ ନେଇ ଆଲୋଚନା

ଭୁବନେଶ୍ୱର, ୭୫ (ବୁଧବେଳା): ଭାରତୀୟ ପ୍ରଯୁକ୍ତିବିଦ୍ୟା ପ୍ରତିଷ୍ଠାନ (ଆଇଆଇଟି) ଭୁବନେଶ୍ୱର ଓ ପ୍ରତିରକ୍ଷା ଅନୁସନ୍ଧାନ ଓ ବିକାଶ ସଂଗଠନ (ଡିଆର୍ଡିଓ) ମଧ୍ୟରେ ଗବେଷଣାମୂଳକ ସହଯୋଗନା କିଛି ଅଫ୍ ବୈଠକ ଅନୁଷ୍ଠିତ ହୋଇଯାଇଛି । ଏହି ବୈଠକରେ ଡିଆର୍ଡିଓର ଇସିଏସ୍ କୁମ୍ଭରରୁ ୯ଟି ମଞ୍ଜୁରାପ୍ରାପ୍ତ ପ୍ରକଳ୍ପ ଆଇଆଇଟିକୁ ହସ୍ତାନ୍ତର କରାଯାଇଛି । ଏହି ପ୍ରକଳ୍ପ ଉପରେ ଆଇଆଇଟିରେ ଗବେଷଣା କରାଯିବ । ଏହାପରେ ଆଇଆଇଟି ଏହାକୁ ଡିଆର୍ଡିଓକୁ ହସ୍ତାନ୍ତର କରିବ । ସେହିପରି ଏହି ବୈଠକରେ ଆହୁରି ୧୮ କୋଟି ମୂଲ୍ୟର ୭ଟି ପ୍ରକଳ୍ପ ମଞ୍ଜୁର ନେଇ ବୁଲ୍ ପ୍ରତିଷ୍ଠାନ ମଧ୍ୟରେ ଆଲୋଚନା କରାଯାଇଥିଲା ।



ଇଲେକ୍ଟ୍ରୋନିକ୍ସ ମୁଖ୍ୟ, କୂର୍ତ୍ତମ ବୃଦ୍ଧିମତା (ଏଆଇ) ଚାଳିତ ନାହିଁକ୍ଷଣ, ପାଞ୍ଚାଳ ସିଦ୍ଧାନ୍ତ, ରାଜ୍ୟ ସିଦ୍ଧାନ୍ତ ଉପରେ ମଧ୍ୟ ଆଲୋଚନା ହୋଇଥିଲା । ଏହି ବୈଠକରେ ଡିଆର୍ଡିଓ ସହ ଆଇଆଇଟିର ଅଧ୍ୟାପକ ତଥା ରିସର୍ଚ୍ଚ ଷ୍ଟାଲରୁକ୍ ସହ ପାରସ୍ପରିକ ଆଲୋଚନା

ଅଧିବେଶନ ହୋଇଥିଲା । ଡିଆର୍ଡିଓ ଇଲେକ୍ଟ୍ରୋନିକ୍ସ ଓ ଯୋଗାଯୋଗ ସିଦ୍ଧାନ୍ତ କୁମ୍ଭରର ମହାନିର୍ଦ୍ଦେଶକ ଡ. ବିନୟ କେ ଦାସ କହିଛନ୍ତି, ଏହି ସହଭାଗିତା ପ୍ରତିରକ୍ଷା ପ୍ରଯୁକ୍ତିବିଦ୍ୟା କ୍ଷେତ୍ରରେ ଦେଶର ଭବିଷ୍ୟତର ଆବଶ୍ୟକତା ପୂରଣ କରିବା ପାଇଁ କାର୍ଯ୍ୟ କରିବ ।

ଆଇଆଇଟି ଭୁବନେଶ୍ୱରର ନିର୍ଦ୍ଦେଶକ ପ୍ରଫେସର ଶ୍ରୀପାଠ୍ କରମଲକର କହିଛନ୍ତି, ଡିଆର୍ଡିଓ ସହ ସହଯୋଗନା ପ୍ରତିରକ୍ଷା ପ୍ରଣାଳି ଓ ପ୍ରଯୁକ୍ତିବିଦ୍ୟା କ୍ଷେତ୍ରରେ ଗବେଷଣାରେ ଉତ୍ତରାଧିକାରୀ ପାଇଁ ନୂତନ ପଥ ପରିଷ୍କାର କରିବ । ପ୍ରାୟୋଜିତ ଅନୁସନ୍ଧାନ ଓ ଶିକ୍ଷ

ପରାମର୍ଶ ଡିଏମ୍ ପ୍ରଫେସର ବିନୟ କେ ଦାସ, ଇଲେକ୍ଟ୍ରୋନିକ୍ସ ଆଣ୍ଡ କମ୍ୟୁନିକେସନ୍ ଇଞ୍ଜିନିୟରିଂ ଆସୋସିଏଟ୍ ହେଡ୍ ଡ. ବିଜୟ କୁମାର ପାଠ୍ ରେଡି, ଡିଆର୍ଡିଓ ସିଏସ୍‌ଇଏସ୍‌ଏସ୍ ନିର୍ଦ୍ଦେଶକ ଡ. ଜଗନ୍ନାଥ ନାୟକ, ଡିଏଲ୍‌ଆର୍‌ଏଲ୍ ନିର୍ଦ୍ଦେଶକ ଏଲ୍ ଶ୍ରୀନିବାସନ ରାଓ, ଏଲ୍‌ଆର୍‌ଡିଓ ନିର୍ଦ୍ଦେଶକ ଡଃ ବିଶ୍ୱମ୍ଭୁ, ଆଇଆର୍‌ଡିଓ ନିର୍ଦ୍ଦେଶକ ଡ. ଅକ୍ଷୟ କୁମାର, ଡିଏଲ୍‌ଏଲ୍ ନିର୍ଦ୍ଦେଶକ ଏଲ୍‌ସି ମଙ୍ଗଳ ପ୍ରମୁଖ ଯୋଗ ଦେଇଥିଲେ । ଷ୍ଟୁଲ୍ ଅଫ୍ ଇଲେକ୍ଟ୍ରୋନିକ୍ସ ଯାଜ୍ଞସେବର ମୁଖ୍ୟ ପ୍ରଫେସର ଏସ୍‌ଆର୍ ସାମନ୍ତରାୟ ଶ୍ରୀମତ ଭାଷଣ ଦେଇଥିବା ବେଳେ କମ୍ୟୁଟର ସାଇନ୍ସ ଇଞ୍ଜିନିୟରିଂର ଡିପି ଡୋଣ୍ଡା କାର୍ଯ୍ୟକ୍ରମ ସଂଯୋଜନା କରିଥିଲେ ।



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

Media/Publication	Latestly.com		
Date	8 th May 2024	Language	English
Headline	DRDO to Collaborate with IIT Bhubaneswar for AI-driven Surveillance, Other Projects		
Link	https://www.latestly.com/agency-news/india-news-drdo-to-collaborate-with-iit-bhubaneswar-for-ai-driven-surveillance-other-projects-5948833.html		

Defence Research and Development Organisation (DRDO) will collaborate with Indian Institute of Technology (IIT) Bhubaneswar for artificial intelligence (AI) driven surveillance and other projects, officials said.



Bhubaneswar, May 8 (PTI) Defence Research and Development Organisation (DRDO) will collaborate with Indian Institute of Technology (IIT) Bhubaneswar for artificial intelligence (AI) driven surveillance and other projects, officials said.

A meeting was held between DRDO and IIT Bhubaneswar officials here on Tuesday. Binay Das, director general (DG) of Electronics and Communication Systems (ECS) cluster, DRDO, and many senior scientists and officials of both institutions were present in the meeting.

During the meeting, nine sanctioned projects of the ECS Cluster of DRDO were handed over to IIT Bhubaneswar while another 7 projects are in process to be sanctioned with Rs 18 crore funding.

IIT Bhubaneswar will work on the sanctioned projects, which would be beneficial in electronics warfare, AI-driven surveillance, power systems, radar systems etc, officials said.



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर Indian Institute of Technology Bhubaneswar

S R Samantaray, head of the School of Electrical sciences of IIT said the collaboration of IIT Bhubaneswar and DRDO will contribute to the emerging research and development need of defence applications, creating a platform for 'Atma Nirbhar Bharat'.

This form of collaboration will enhance the sustainability of defence research programmes and will be part of the eco-system for nation building, he said.

Speaking on the occasion, Binay Das advised researchers and faculty members associated with various DRDO-sanctioned projects to work systematically with proper review and risk management systems to complete the projects in time and come up with unique solutions.

He said that DRDO is going through a transformation from technology chasers to become technology enablers and trendsetters.

"The goal is now to move beyond attaining self-reliance to setting standards for the Indian armed forces, for others across the globe, to emulate. In this context, this collaboration, and the further opportunity to set up a Centre of Excellence at IIT Bhubaneswar would prove crucial," he added.



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

Media/Publication	Deccan Herald		
Date	8 th May, 2024	Language	English
Headline	DRDO to collaborate with IIT Bhubaneswar for AI-driven surveillance, other projects		
Link	https://www.deccanherald.com/india/odisha/drdo-to-collaborate-with-iit-bhubaneswar-for-ai-driven-surveillance-other-projects-3013145		

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भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर Indian Institute of Technology Bhubaneswar

Media/Publication	Udayavani.com		
Date	8 th May, 2024	Language	English
Headline	DRDO to collaborate with IIT Bhubaneswar for AI-driven surveillance, other projects		
Link	https://eseps.com/lander?query=Comprehensive%20Microsoft%20365%20Backup%20Strategies&utm_term=Microsoft%20365%20Backup%20Solutions,Data%20Recovery%20Services%20For%20Businesses,Cloud%20Backup%20For%20Microsoft%20365,Comprehensive%20Microsoft%20365%20Backup%20Strategies&camp_id=310265&gclid=EAIaIQobChMIrO-is6WChgMVdtdMAh1acQUXEAEYASAAEgIMvPD_BwE&gclid=EAIaIQobChMIrO-is6WChgMVdtdMAh1acQUXEAEYASAAEgIMvPD_BwE		

DRDO to collaborate with IIT Bhubaneswar for AI-driven surveillance, other projects

PTI, MAY 8, 2024, 10:03 AM IST



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भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर Indian Institute of Technology Bhubaneswar

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Media/Publication	Telecom.economictimes.indiatimes.com		
Date	8 th May, 2024	Language	English
Headline	DRDO to collaborate with IIT Bhubaneswar for AI-driven surveillance, other projects		
Link	https://telecom.economictimes.indiatimes.com/news/industry/drdo-to-collaborate-with-iit-bhubaneswar-for-ai-driven-surveillance-other-projects/109938773		

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भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

Media/Publication	Devdiscourse.com		
Date	8 th May, 2024	Language	English
Headline	DRDO and IIT Bhubaneswar Forge Alliance for Advanced AI Solutions in Surveillance and Beyond		
Link	https://www.devdiscourse.com/article/education/2931405-drdo-and-iit-bhubaneswar-forge-alliance-for-advanced-ai-solutions-in-surveillance-and-beyond		

Defence Research and Development Organisation DRDO will collaborate with Indian Institute of Technology IIT Bhubaneswar for artificial intelligence AI driven surveillance and other projects, officials said. A meeting was held between DRDO and IIT Bhubaneswar officials here on Tuesday.

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Indian Institute of Technology Bhubaneswar

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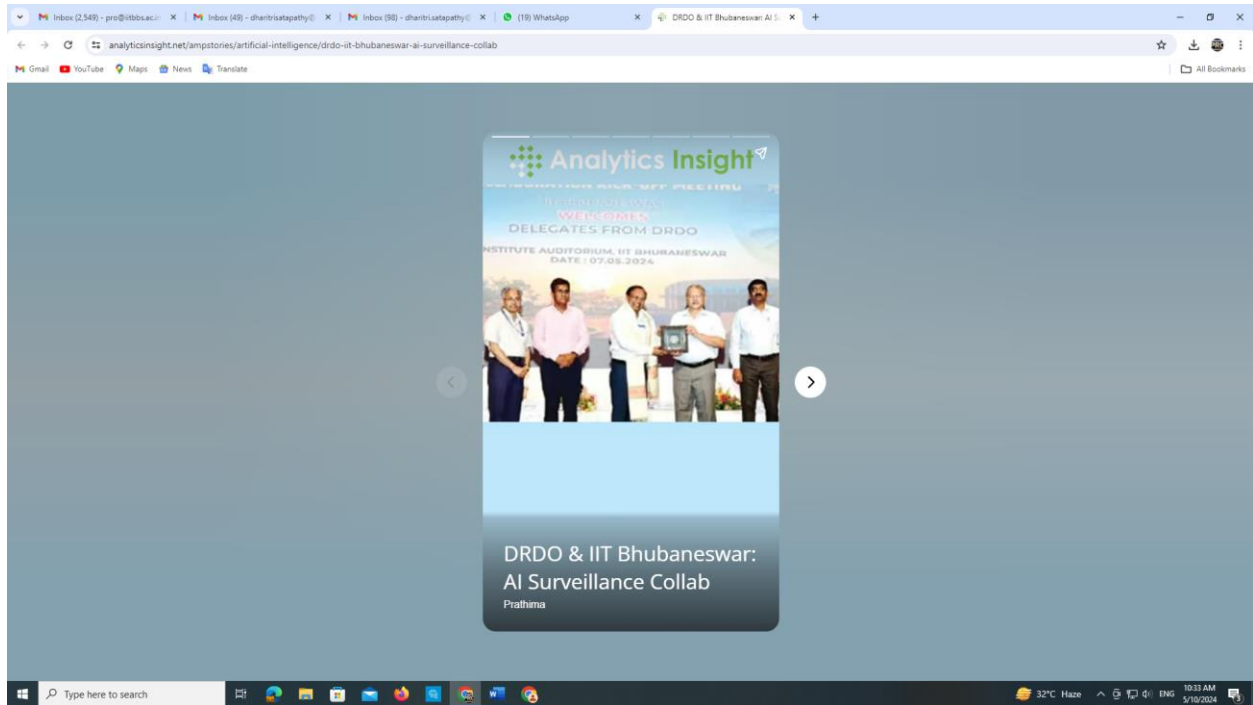
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भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर Indian Institute of Technology Bhubaneswar

Media/Publication	Anaystinsight.net		
Date	8 th May, 2024	Language	English
Headline	DRDO & IIT Bhubaneswar: AI Surveillance Collab		
Link	https://www.analyticsinsight.net/ampstories/artificial-intelligence/drdo-iit-bhubaneswar-ai-surveillance-collab		





भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

Media/Publication	TelegraphIndia.com		
Date	9 th May, 2024	Language	English
Headline	IIT Bhubaneswar and Defence Research and Development Organisation join hands to work in electronics warfare		
Link	https://www.telegraphindia.com/amp/india/iit-bhubaneswar-and-defence-research-and-development-organisation-join-hands-to-work-in-electronics-warfare/cid/2018574		

DRDO handed nine sanctioned projects from ECS Cluster to IIT Bhubaneswar, another seven projects are in process to be sanctioned with ₹18 crore funding

Subhasish Mohanty

Bhubaneswar | Published 09.05.24, 05:42 AM

The Indian Institute of Technology (IIT) Bhubaneswar and the Defence Research and Development Organisation (DRDO) joined hands to work in electronics warfare, AI-driven surveillance, power systems and radar systems. The DRDO handed nine sanctioned projects from the ECS (Electronics and Communication Systems) Cluster to IIT Bhubaneswar. Another seven projects are in process to be sanctioned with ₹18 crore funding. IIT Bhubaneswar will work on these sanctioned projects. A collaboration meeting was held on Tuesday.

Informing about this association with DRDO, Director, IIT Bhubaneswar, Prof. Shreepad Karmalkar said: “The IITs across the country have moved beyond knowledge generation and knowledge dissemination to knowledge application, wealth generation through start-ups and entrepreneurship and producing quality teachers. In such a scenario, collaborations with DRDO for research in the field of defence mechanism and technology will pave a new path towards excellence.”



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

Head of the school, electrical sciences, IIT, Prof S.R. Samantaray said: “The collaboration will contribute to the emerging research and development need of defence applications, creating a platform for ‘Atma Nirbhar Bharat’. This form of collaboration will enhance the sustainability of defence research programs and will be part of the eco-system for nation building.”

Director general of the ECS Cluster, DRDO, Dr Binay K. Das said: “This collaboration between the ECS Cluster, DRDO and IIT Bhubaneswar is intended towards working for a common cause to fulfil the future needs of the country in defence technology.”



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

Media/Publication	Myind.net (MyIndMakers)		
Date	9 th May, 2024	Language	English
Headline	DRDO transfers nine defence technology projects to IIT-Bhubaneswar		
Link	https://www.myind.net/Home/viewArticle/drdo-transfers-nine-defence-technology-projects-to-iit-bhubaneswar		



During a collaborative meeting, IIT-Bhubaneswar received nine projects sanctioned from the electronics and communication systems (ECS) cluster of the Defence Research and Development Organisation (DRDO).

Seven additional projects, amounting to Rs 18 crore in funding, are currently undergoing sanctioning from the ECS cluster. These projects, once sanctioned, will be undertaken by IIT-Bhubaneswar, focusing on areas such as electronics warfare, AI-driven surveillance, power systems, and radar systems.



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर Indian Institute of Technology Bhubaneswar

Head of the Electrical Science School at IIT-Bhubaneswar, SR Samantaray, highlighted the significance of the collaboration between the institution and DRDO, emphasising its contribution to meeting the evolving research and development requirements of defence applications. He noted this collaboration aligns with the national agenda of 'Atma Nirbhar Bharat' and strengthens the ecosystem for nation-building.

Director General of ECS, Binay K Das, emphasised DRDO's shift from being technology followers to leaders, aiming to set benchmarks for the Indian Armed Forces and global counterparts. He underscored the importance of the collaboration and the potential establishment of a Centre of Excellence at IIT-Bhubaneswar.

He further urged researchers and faculty members involved in various DRDO-sanctioned projects to work systematically, implementing proper review and risk management systems to ensure timely completion and innovative solutions.

Regarding the collaboration with DRDO, Shreepad Karmalkar, the director of IIT-Bhubaneswar, noted that IITs nationwide have progressed from merely generating and disseminating knowledge to applying it, generating wealth through startups, entrepreneurship, and producing high-quality teachers.

Karmalkar highlighted the significance of collaborations with [DRDO](#) for research in defence mechanisms and technology, stating that they will chart a new path towards excellence. He underscored the role of research scholars in generating innovative ideas.

DRDO officials have announced their intention to engage in collaborations with academia and industry to advance projects to the application stage. These partnerships with academic institutions are aimed at fostering the development of cutting-edge technologies with the goal of aligning India with international standards in defence technology.



Media/Publication	The Samaja		
Date	9 th May, 2024	Language	Odia
Headline	IIT Bhubaneswar-DRDO Meeting		

ଆଇଆଇଟି ଭୁବନେଶ୍ୱର-ଡିଆରଡିଓ ବୈଠକ ପ୍ରତିରକ୍ଷା କ୍ଷେତ୍ରରେ ଗବେଷଣା, ବୈଷୟିକ ଶିକ୍ଷାନୁଷ୍ଠାନ ସହବନ୍ଧନ ଉପରେ ଗୁରୁତ୍ୱ

କଟଣା, ଟାଃ(ନି.ପ୍ର): ଆଇଆଇଟି ପରିସରରେ ମଙ୍ଗଳବାର ଭୁବନେଶ୍ୱର ଆଇଆଇଟି ଏବଂ ପ୍ରତିରକ୍ଷା ଅନୁସନ୍ଧାନ ଓ ବିକାଶ ସଙ୍ଗଠନ ମଧ୍ୟରେ ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ ବୈଠକ ଅନୁଷ୍ଠିତ ହୋଇଯାଇଛି । ଏଥିରେ ସେଣ୍ଟର

ଦାସ ମୁଖ୍ୟ ଅତିଥି ଭାବେ ଯୋଗ ଦେଇଥିଲେ ।
ବୈଠକରେ ଡିଆରଡିଓର ଇସିଏସ କୁଣ୍ଡରୁ ଟି ମଞ୍ଜୁରି ପ୍ରାପ୍ତ ପ୍ରକଳ୍ପ ହସ୍ତାନ୍ତର କରାଯାଇଥିଲା । ଆଗକୁ ୧୮ କୋଟି ଟଙ୍କା ମୂଲ୍ୟର

ଆଇଆଇଟି ନିର୍ଦ୍ଦେଶକ ପ୍ରଫେସର ଶ୍ରୀପାଦ କର୍ମଲକର ସହବନ୍ଧନ ବିଷୟରେ ସୂଚନା ଦେଇଥିଲେ । ଆଇଆଇଟିର ଡିନ୍ ପ୍ରଫେସର ଦିନକର ପାସଲା, ଡିଆରଡିଓର ଡ. ଜଗନ୍ନାଥ ନାୟକ, ଏନ. ଶ୍ରୀନିବାସ



ଅଫ୍ ଏକ୍ସିଲେନ୍ସି ପ୍ରତିଷ୍ଠାର ସମ୍ପାଦନା ସଂକ୍ରାନ୍ତରେ ଅନୁଶୀଳନ କରାଯିବା ସହ ପ୍ରତିରକ୍ଷା କ୍ଷେତ୍ରରେ ଗବେଷଣା ଓ ବୈଷୟିକ ଶିକ୍ଷାନୁଷ୍ଠାନ ସହ ବନ୍ଧନ ଉପରେ ଗୁରୁତ୍ୱାରୋପ କରାଯାଇଥିଲା ।

ବିଭିନ୍ନ ଗବେଷଣା ମୂଳକ ସହବନ୍ଧନର ସମାରୋହରେ ଡିଆରଡିଓର ଇଲେକ୍ଟ୍ରୋନିକ୍ସ ଓ ଯୋଗାଯୋଗ ସିଷ୍ଟମ କୁଣ୍ଡରର ମହାନିର୍ଦ୍ଦେଶକ ଡ. ବିନୟ କୁମାର

୭ଟି ପ୍ରକଳ୍ପ ମଞ୍ଜୁରି ପ୍ରକ୍ରିୟା ଚାଲୁ ରହିଥିବା ସୂଚନା ମିଳିଛି । ପ୍ରଫେସର ଏସ.ଆର. ସାମନ୍ତରାୟ ସାଗତ ଭାଷଣ ଦେଇଥିଲେ ।

ଆଇଆଇଟି ଭୁବନେଶ୍ୱର ଓ ଡିଆରଡିଓ ମଧ୍ୟରେ ଏହି ସହବନ୍ଧନ ପ୍ରତିରକ୍ଷା ପ୍ରୟୋଗଗୁଡ଼ିକର ଉଦ୍ଦାୟମାନ ଗବେଷଣା ଓ ବିକାଶରେ ସହାୟକ ହେବ ଏବଂ 'ଆମ୍ ନିର୍ଭର ଭାରତ' ପାଇଁ ପ୍ଲାଟଫର୍ମ ସୃଷ୍ଟି କରିବ ବୋଲି ମତ ପ୍ରକାଶ ପାଇଥିଲା ।

ରାଓ, ଜି ବିଶ୍ୱମ୍, ଡ. ଅଜୟ କୁମାର, ଡ. ବିଜୟ ଶଙ୍କର ପାସୁରେଡି, ଏଲ. ସି. ମଙ୍ଗଲ୍ ପ୍ରମୁଖ ଯୋଗ ଦେଇଥିଲେ । ଡା. ଡି. ପି. ତୋଗ୍ରା କାର୍ଯ୍ୟକ୍ରମକୁ ସଂଯୋଜନା କରିଥିଲେ । ସିଏଚଇଏସଏସ, ଏଲଆରଡିଇ, ଡିଇଏଏଲ, ଡିଏଲଆରଏଲ ଏବଂ ଆଇଆରଡିଇ ଆଦି ଲ୍ୟାବର ନିର୍ଦ୍ଦେଶକ ଏବଂ ଡିଆରଡିଓର ବରିଷ୍ଠ ବୈଜ୍ଞାନିକମାନେ ଅଂଶ ଗ୍ରହଣ କରିଥିଲେ ।



**भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar**

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ଆଇଆଇଟି ଭୁବନେଶ୍ୱର-ଡିଆରଡିଓ ସହଯୋଗୀତା କିକ୍-ଅଫ୍ ବୈଠକ



ନିର୍ଦ୍ଦେଶକମାନଙ୍କ ପକ୍ଷରୁ
ଡିଆରଡିଓର ନିର୍ଦ୍ଦେଶକ
ଙ୍କୁ ଶ୍ରୀ ଶ୍ରୀ ମାନାଜନ
ଗମ୍ଭୀର ତୁଲାଇ । ଏହି
କିକ୍-ଅଫ୍ କ୍ରମରେ
ଡିଆରଡିଓର ନିର୍ଦ୍ଦେଶକ
ମୁଖ୍ୟମନ୍ତ୍ରୀ ଚଳି

କରିବା ପାଇଁ ଭବିଷ୍ୟତ ପାଇଁ ଏହି ସହଯୋଗୀତା
କ୍ରମରେ ସୁନା ଯେଉଁ ଆଇଆଇଟି ଭୁବନେଶ୍ୱରର
ନିର୍ଦ୍ଦେଶକ ପ୍ରଫେସର ଶ୍ରୀଯୁକ୍ତ ଭଗବାନୀରାଜୁ ବରିଷ୍ଠ,
ସଭା ସଭ୍ୟେ ଆଇଆଇଟି ଖାମ୍ ଦୁର୍ଗା ଏବଂ ଖାନୁ
ନିର୍ଦ୍ଦେଶକ ଠାରୁ ଆରମ୍ଭ କରି ଶ୍ରୀ ପ୍ରଫେସର, ଖର୍ଚ୍ଚ ଯୁକ୍ତ
ଏବଂ ଭାରତୀୟ ବିଦ୍ୟାଳୟ ସହମ ପୂର୍ଣ୍ଣ ଏବଂ ପ୍ରୟୋଗ
ଉପଯୁକ୍ତ ପୁଣି ଭବିଷ୍ୟତ ଆଗ୍ରହ ପରିଷ୍ଟି । ପ୍ରଫେସର
ଦିନକର ଚାନ୍ଦା, ଦିନ- ପ୍ରଫେସରର ଅନୁସନ୍ଧାନ ଏବଂ
ଉପଯୋଗୀ ଅନୁସନ୍ଧାନ ସଫଳତା ପାଇଁ ଆଇଆଇଟି
ଭୁବନେଶ୍ୱର ପକ୍ଷରୁ ନିର୍ଦ୍ଦେଶକମାନଙ୍କୁ ନିଆରଣ
ନିର୍ଦ୍ଦେଶକମାନଙ୍କୁ ଧ୍ୟାନ ଦେଖାଇଛି । ଏହି ଅବସରରେ
ପଦ୍ମଶ୍ରୀ ପ୍ରମାଣ ପରି ଆୟୋଜିତ ସଭା, ଉଦ୍ଦେଶ୍ୟବଦ୍ଧ
ଆମ ନ୍ୟାସନିକତା ସଫଳତା ସମ୍ପନ୍ନ ପିନକ ଶହେ
ପ୍ରଫେସର, ଏବଂ ଧ୍ୟାନ ଏବଂ ବର୍ଷକୁ କାର୍ଯ୍ୟକାରୀ
କରିବା ପାଇଁ ଭଗବାନୀରାଜୁ ଏବଂ ନିର୍ଦ୍ଦେଶକ ଶ୍ରୀ
ଧ୍ୟାନ ଦେବା ଉପରେ ସେ ପ୍ରଭୁକ୍ରମରେ ନିର୍ଦ୍ଦେଶକ ।
ଆଇଆଇଟି ଭୁବନେଶ୍ୱର ନ୍ୟାସନୀୟ ସମ୍ପନ୍ନ କାର୍ଯ୍ୟକାରୀ
ଜଣେ ଡି.ପି. ଚେନ୍ଦ୍ର କାର୍ଯ୍ୟକାରୀ ସଫଳତା କରିଛି ।

ମୁଖ୍ୟମନ୍ତ୍ରୀ : ଏହି ମଧ୍ୟମୁଖ୍ୟ ପଦକ୍ଷେପ ଭାବରେ
ଭାରତୀୟ ପ୍ରଯୁକ୍ତିବିଦ୍ୟା ପ୍ରତିଷ୍ଠାନ (ଆଇଆଇଟି)
ଭୁବନେଶ୍ୱର ଏବଂ ପ୍ରତିରକ୍ଷା ଅନୁସନ୍ଧାନ ଏବଂ ବିଦ୍ୟାଳୟ
ସଂଗଠନ (ଡିଆରଡିଓ) ମଧ୍ୟରେ ଉପଯୋଗୀତା
ସହଯୋଗୀତା କିକ୍-ଅଫ୍ ବୈଠକ ଅନୁଷ୍ଠାନ
କରାଯାଇଛି । ବିଭିନ୍ନ ଉପଯୋଗୀ ପ୍ରକଳ୍ପର ଉଦ୍ଦେଶ୍ୟ
ରୁ ଆରମ୍ଭ କରି ଆମ ଉପାଦାନରେ ବିଆରଡିଓର
ଉଦ୍ଦେଶ୍ୟବଦ୍ଧ ଏବଂ ଉପଯୋଗୀ ସଫଳତା (ଉଦ୍ଦେଶ୍ୟ)
ସୁଖରେ ମନାସିବାରେ ସମ୍ମତ ହେବା ପରେ, ଉପାଦାନ
ସହ ସହଯୋଗୀତା ସହ, ଏକ ଆରମ୍ଭିକ, ବିଭାଗୀୟ,
ବିଭାଗୀୟ ଏବଂ ଆଇଆଇଟିର ଆମ ଉପାଦାନ

ମଧ୍ୟମୁଖ୍ୟ ପ୍ରକଳ୍ପ ଉଦ୍ଦେଶ୍ୟର ଉପାଦାନ ଏବଂ ଉପରେ
ଆଇଆଇଟି ଭୁବନେଶ୍ୱର ଅଧ୍ୟକ୍ଷଙ୍କ ପକ୍ଷରୁ ଶ୍ରୀ
ଖରାଦି ସହ ପ୍ରତିରକ୍ଷା ଅନୁସନ୍ଧାନ ଅନୁସନ୍ଧାନ
କରାଯାଇଛି । ସୁଦ୍ଧା ଆମ ଉଦ୍ଦେଶ୍ୟର ଉଦ୍ଦେଶ୍ୟ
ପ୍ରକଳ୍ପ ପ୍ରଫେସର ଏବଂ ଆଇ. ଉପାଦାନର ମନାସନା
କାର୍ଯ୍ୟକୁ ଉପରେ କରିବା ସହ ଅନୁମୋଦିତ ପ୍ରକଳ୍ପକୁ
ବିଭାଗରେ ସୁନା ଦେଖାଇଛି । ଏହି ଅବସରରେ ଉପରେ
ଉପ ନିର୍ଦ୍ଦେଶକ, ବିଆରଡିଓର ନିର୍ଦ୍ଦେଶକ ଏବଂ
ଆଇଆଇଟି ଭୁବନେଶ୍ୱର ମଧ୍ୟରେ ଏହି ସହଯୋଗୀ,
ପ୍ରତିରକ୍ଷା ପ୍ରଯୁକ୍ତିବିଦ୍ୟା କ୍ଷେତ୍ରରେ ଦେଖିବା ନିର୍ଦ୍ଦେଶକ
ଅନୁସନ୍ଧାନ ପ୍ରକଳ୍ପ କରିବା ପାଇଁ ବ୍ୟତୀତ ଉପରେ କାର୍ଯ୍ୟ



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● ଆଇଆଇଟି - ଡିଆରଡ଼ିଓ ସହବନ୍ଧନ କିକ୍-ଅଫ୍ ବୈଠକ

ସେଣ୍ଟର ଅଫ୍ ଏକ୍ସିଲେନ୍ସ ପ୍ରତିଷ୍ଠାର ଅନୁଶୀଳନ

■ କଟଣା, ଚାମ୍ପା (ସିଏନଏସ)

ଏକ ମହତ୍ତ୍ୱପୂର୍ଣ୍ଣ ପଦକ୍ଷେପ ଭାବରେ ଭାରତୀୟ ପ୍ରଯୁକ୍ତିବିଦ୍ୟା ପ୍ରତିଷ୍ଠାନ (ଆଇଆଇଟି) ଭୁବନେଶ୍ୱର ଓ ପ୍ରତିରକ୍ଷା ଅନୁସନ୍ଧାନ ଏବଂ ବିକାଶ ଫାଉଣ୍ଡେସନ (ଡିଆରଡ଼ିଓ) ମଧ୍ୟରେ ଗବେଷଣାମୂଳକ ସହବନ୍ଧନ କିକ୍ ଅଫ୍ ବୈଠକ ମଙ୍ଗଳବାର ଅନୁଷ୍ଠିତ ହୋଇଯାଇଛି । ବିଭିନ୍ନ ଗବେଷଣା ପ୍ରକଳ୍ପର ହସ୍ତାନ୍ତର ତଥା କିକ୍ ଅଫ୍ ସମାବେଶରେ ଡିଆରଡ଼ିଓର ଇଲେକ୍ଟ୍ରୋନିକ୍ସ ଓ ଯୋଗାଯୋଗ ସିଷ୍ଟମ କୁଣ୍ଡର ମହାନିର୍ଦ୍ଦେଶକ ଡକ୍ଟର ବିନୟ କେ. ଦାସଙ୍କ ସହ ସିଏଚଇଏସଏସ, ଏଲଆରଡ଼ିଓ, ଡିଭିଏଏଲ, ଡିଏଲଆରଏଏଲ ଓ ଆଇଆରଡ଼ିଓ ଆଦି ଲ୍ୟାବର ନିର୍ଦ୍ଦେଶକବୃନ୍ଦ ତଥା ଡିଆରଡ଼ିଓର ବରିଷ୍ଠ ବୈଜ୍ଞାନିକମାନେ ଉପସ୍ଥିତ ଥିଲେ । ଏହି ବୈଠକରେ ଇସିଏସ କୁଣ୍ଡରୁ ୯ଟି ମଞ୍ଜୁରୀପ୍ରାପ୍ତ ପ୍ରକଳ୍ପ ହସ୍ତାନ୍ତର କରାଯାଇଥିଲା ଏବଂ ପରେ ଆଇଆଇଟି ଭୁବନେଶ୍ୱର ଅଧ୍ୟାପକବୃନ୍ଦ ତଥା ରିସର୍ଚ୍ଚ ସ୍କାଲରଙ୍କ ସହ ପାରସ୍ପରିକ ଆଲୋଚନାର ଅଧିବେଶନ କରାଯାଇଥିଲା । ଆଗରୁ ଆହୁରି ୧୮କୋଟି ଟଙ୍କା ମୂଲ୍ୟର



୭ଟି ପ୍ରକଳ୍ପ ମଞ୍ଜୁର କରିବାକୁ ପ୍ରକ୍ରିୟା ଚାଲିଛି । ଆଇଆଇଟି ଭୁବନେଶ୍ୱର ଅନୁମୋଦିତ ପ୍ରକଳ୍ପଗୁଡ଼ିକ ଉପରେ କାର୍ଯ୍ୟ କରିବ, ଯାହା ଇଲେକ୍ଟ୍ରୋନିକ୍ସ ଯୁକ୍ତ, କୃତ୍ରିମ ବୁଦ୍ଧିମତା (ଏଆଇ) ଚାଳିତ ନୀରିକ୍ଷଣ, ପାଞ୍ଚାଳ ସିଷ୍ଟମ, ରାଡାର ସିଷ୍ଟମ ଇତ୍ୟାଦି ଲାଭଦାୟକ ହେବ । ସ୍କାଲ ଆର୍ଟ୍ ଇଲେକ୍ଟ୍ରୋନିକ୍ସ ସାଇନ୍ସର ମୁଖ୍ୟ ପ୍ରଫେସର ଏସ୍ ଆର ସାମନ୍ତରାୟମାନଙ୍କର ଅଧ୍ୟକ୍ଷତାରେ ପ୍ରକଳ୍ପଗୁଡ଼ିକ ବିଷୟରେ ସୂଚନା ଦେଇଥିଲେ । ଆଇଆଇଟି ଭୁବନେଶ୍ୱର ଓ ଡିଆରଡ଼ିଓ ମଧ୍ୟରେ ଏହି ସହବନ୍ଧନ ପ୍ରତିରକ୍ଷା ପ୍ରୟୋଗଗୁଡ଼ିକର ଉଦ୍ଦାୟମାନ ଗବେଷଣା ଓ ବିକାଶରେ ସହଯୋଗ ହେବ, ଯାହାକି ଆମ୍ଭନିର୍ଦ୍ଧାରଣ ଭାରତ ଲାଗି ପ୍ଲାଟଫର୍ମ ସୃଷ୍ଟି କରିବ । ଏହି ଅବସରରେ ଡକ୍ଟର ଦାସ

କହିଛନ୍ତି, ଡିଆରଡ଼ିଓର ଇସିଏସ୍ କୁଣ୍ଡର ଓ ଆଇଆଇଟି ଭୁବନେଶ୍ୱର ମଧ୍ୟରେ ଏହି ସହଯୋଗ, ପ୍ରତିରକ୍ଷା ପ୍ରଯୁକ୍ତିବିଦ୍ୟା କ୍ଷେତ୍ରରେ ଦେଶର ଭବିଷ୍ୟତର ଆବଶ୍ୟକତା ପୂରଣ କରିବା ଲାଗି ଏକତ୍ର ଭାବେ କାର୍ଯ୍ୟ କରିବା ଲାଗି ଉଦ୍ଦିଷ୍ଟ । ବିଭିନ୍ନ ଡିଆରଡ଼ିଓ ଅନୁମୋଦିତ ପ୍ରକଳ୍ପ ସହିତ କଡ଼ିତ ଗବେଷକ ଓ ଅଧ୍ୟାପକବୃନ୍ଦଙ୍କୁ ପ୍ରକଳ୍ପରେ ନିୟମିତ ଭାବେ ଉପସ୍ଥିତ ସମାଜ ଓ ବିପଦ ପରିଚାଳନା ପ୍ରଣାଳୀ ସହିତ ବ୍ୟବସ୍ଥିତ ଭାବରେ କାର୍ଯ୍ୟ କରି ପ୍ରକଳ୍ପଗୁଡ଼ିକୁ ଠିକ୍ ସମୟରେ ସମ୍ପୂର୍ଣ୍ଣ କରିବାକୁ ଏବଂ ଅନନ୍ୟ ସମାଧାନ ବାହାର କରିବାକୁ ପରାମର୍ଶ ଦେଇଛନ୍ତି । ଆଇଆଇଟି ନିର୍ଦ୍ଦେଶକ ପ୍ରଫେସର ଶ୍ରୀପାଦ କରମଲକର କହିଛନ୍ତି ଯାହା ଦେଶରେ ଆଇଆଇଟି ଜ୍ଞାନ ସୃଜନ ଓ ଜ୍ଞାନ ବିସ୍ତାରଠାରୁ

ଆଗକୁ ବଢ଼ି ଜ୍ଞାନ ପ୍ରୟୋଗ, ସ୍ୱାର୍ଥ ଅର୍ଥ ଓ ଉଦ୍ୟମିତା ବିକାଶଦ୍ୱାରା ସଧାନ ସୃଷ୍ଟି ଓ ଗୁଣାତ୍ମକ ଶିକ୍ଷକ ସୃଷ୍ଟି କରିବାରେ ଅଗ୍ରଗତି କରିଛି । ପ୍ରଫେସର ଦିନକର ପାସ, ଡିଏ-ପ୍ରାୟୋଜିତ ଅନୁସନ୍ଧାନ ଓ ଶିକ୍ଷା ପରାମର୍ଶ ଅନୁସନ୍ଧାନ ସହଯୋଗ ଲାଗି ଆଇଆଇଟି ଭୁବନେଶ୍ୱର ଉପରେ ବିଶ୍ୱାସ କରିଥିବାରୁ ଡିଆରଡ଼ିଓ ଇସିଏସ୍ କୁଣ୍ଡର ଧନ୍ୟବାଦ ଜଣାଇଥିଲେ ଏବଂ ପ୍ରତିରକ୍ଷା ଅନୁସନ୍ଧାନ କ୍ଷେତ୍ରରେ ଏହା ଏକ ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ ମାଇଲ୍‌ଷ୍ଟେଜ୍ ହେବ ବୋଲି ମତବ୍ୟକ୍ତ କରିଥିଲେ । ଡକ୍ଟର ବିଜୟ ଶଙ୍କର ପାସୁରେଡ଼ି, ଡକ୍ଟର ଜଗନ୍ନାଥ ନାୟକ, ଶ୍ରୀ ଏନ୍ ଶ୍ରୀନିବାସ ରାଓ, ଜି ବିଶ୍ୱମ୍, ଡକ୍ଟର ଅଜୟକୁମାର ଓ ଏଲ ସିମଲଲ, ପ୍ରମୁଖ ମଧ୍ୟ ବକ୍ତବ୍ୟ ରଖିଥିଲେ । ପ୍ରତିରକ୍ଷା କ୍ଷେତ୍ରରେ ଗବେଷଣା ପାଇଁ ଶିକ୍ଷା ଓ



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

Media/Publication	The Times of India		
Date	8 th May, 2024	Language	English
Headline	IITBBS, DRDO to conduct research		

IITBBS, DRDO to conduct research

Bhubaneswar: IIT Bhubaneswar has collaborated with the Defence Research and Development Organisation (DRDO) for research in the field of defence mechanisms and technology. A meeting was conducted on Tuesday between IIT officials and the director general of the electronics and communication systems cluster at DRDO, along with senior scientists of the organisation. TNN



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Media/Publication	Press Trust of India		
Date	9 th May, 2024	Language	English
Headline	DRDO to collaborate with IIT Bhubaneswar for AI-driven surveillance, other projects		
Link	https://www.ptinews.com/story/national/drdo-to-collaborate-with-iit-bhubaneswar-for-ai-driven-surveillance-other-projects/1487028		

BHUBANESWAR: Defence Research and Development Organisation (DRDO) will collaborate with Indian Institute of Technology (IIT) Bhubaneswar for artificial intelligence (AI) driven surveillance and other projects, officials said.

A meeting was held between DRDO and IIT Bhubaneswar officials here on Tuesday. Binay Das, director general (DG) of Electronics and Communication Systems (ECS) cluster, DRDO, and many senior scientists and officials of both institutions were present in the meeting.

During the meeting, nine sanctioned projects of the ECS Cluster of DRDO were handed over to IIT Bhubaneswar while another 7 projects are in process to be sanctioned with Rs 18 crore funding.



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Media/Publication	The Print		
Date	9 th May, 2024	Language	English
Headline	DRDO to collaborate with IIT Bhubaneswar for AI-driven surveillance, other projects		
Link	https://theprint.in/india/drdo-to-collaborate-with-iit-bhubaneswar-for-ai-driven-surveillance-other-projects/2075017/		

Bhubaneswar, May 8 (PTI) Defence Research and Development Organisation (DRDO) will collaborate with Indian Institute of Technology (IIT) Bhubaneswar for artificial intelligence (AI) driven surveillance and other projects, officials said.

A meeting was held between DRDO and IIT Bhubaneswar officials here on Tuesday. Binay Das, director general (DG) of Electronics and Communication Systems (ECS) cluster, DRDO, and many senior scientists and officials of both institutions were present in the meeting.

During the meeting, nine sanctioned projects of the ECS Cluster of DRDO were handed over to IIT Bhubaneswar while another 7 projects are in process to be sanctioned with Rs 18 crore funding.

IIT Bhubaneswar will work on the sanctioned projects, which would be beneficial in electronics warfare, AI-driven surveillance, power systems, radar systems etc, officials said.

S R Samantaray, head of the School of Electrical sciences of IIT said the collaboration of IIT Bhubaneswar and DRDO will contribute to the



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emerging research and development need of defence applications, creating a platform for ‘Atma Nirbhar Bharat’.

This form of collaboration will enhance the sustainability of defence research programmes and will be part of the eco-system for nation building, he said.

Speaking on the occasion, Binay Das advised researchers and faculty members associated with various DRDO-sanctioned projects to work systematically with proper review and risk management systems to complete the projects in time and come up with unique solutions.

He said that DRDO is going through a transformation from technology chasers to become technology enablers and trendsetters.

“The goal is now to move beyond attaining self-reliance to setting standards for the Indian armed forces, for others across the globe, to emulate. In this context, this collaboration, and the further opportunity to set up a Centre of Excellence at IIT Bhubaneswar would prove crucial,” he added.



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Media/Publication	Campus Varta.com		
Date	9 th may, 2024	Language	English
Headline	IIT Bhubaneswar-DRDO Collaboration Kick-off Meeting explored possibilities of Centre of Excellence Establishment		
Link	https://www.campusvarta.com/article/iit-bhubaneswar-drdo-collaboration-kick-off-meeting-explored-possibilities-of-centre-of-excellence-establishment		



As a groundbreaking initiative, Indian Institute of Technology (IIT) Bhubaneswar and Defence Research and Development Organisation (DRDO) Collaboration Kick-off Meeting was held on 7th May 2024. Dr. Binay K. Das, Director General (DG) of Electronics and Communication Systems (ECS) Cluster, DRDO, and the Directors of CHES, LRDE, DEAL, DLRL and IRDE of DRDO Labs along with senior scientists were present during the handing over of projects and kick-off function.

During the meeting, 9 sanctioned projects from ECS Cluster of DRDO were handed over, followed by an interaction session with IIT Bhubaneswar faculty members and Research



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Scholars. Further another 7 projects are in process to be sanctioned with a total worth of Rs. 18 crore funding. IIT Bhubaneswar will work on the sanctioned projects, which would be beneficial in Electronics warfare, AI Driven surveillance, power systems, Radar systems etc.

Prof S.R. Samantaray, Head of the School, Electrical Sciences welcomed the dignitaries and briefed about the sanctioned projects. He said: “The collaboration of IIT Bhubaneswar and DRDO will contribute to the emerging Research and Development need of defence applications, creating platform for ‘Atma Nirbhar Bharat’. This form of collaboration will enhance the sustainability of defence research programs and will be part of the eco-system for nation building.”

Speaking on the occasion, Dr. Das said: “This collaboration between the ECS Cluster, DRDO and IIT Bhubaneswar is intended towards working for a common cause to fulfil the future needs of the country in the field of defence technology.” He said that DRDO is going through a transformation from technology chasers to become technology enablers and trend setters. “The goal is now to move beyond from attaining self-reliance to setting standards for the Indian Armed Forces, for others across the globe to emulate. In this context, this collaboration, and the further opportunity to set up a Centre of Excellence at IIT Bhubaneswar would prove crucial,” he added. He further advised the researchers and faculty members associated with various DRDO sanctioned projects to work systematically with proper review and risk management system to complete the projects in time and come up with unique solutions.

Informing about this association with DRDO, Prof. Shreepad Karmalkar, Director, IIT Bhubaneswar said: “The IITs across the country have moved beyond knowledge generation and knowledge dissemination to knowledge application, wealth generation through start-ups & entrepreneurship and producing quality teachers. In such a scenario, collaborations with DRDO for research in the field of defence mechanism and technology will pave new path towards excellence.” Emphasizing on the role of research scholars in coming up with innovative ideas he said: “Our research scholars are the backbone in producing great research. For contributing to the development of the society and making a mark with some new concepts, the research scholars should work 24x7 with hard work



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and passion, should develop technical competence through extensive reading beyond textbooks. The primary motive of a research scholar should be intrinsic, and this would lead to enhance the research ecosystem of the country.”

Prof. Dinakar Pasla, Dean- Sponsored Research & Industrial Consultancy (SRIC) expressed gratitude to the DRDO’s ECS Cluster for bestowing confidence on IIT Bhubaneswar for research collaboration and he said that it would be a significant milestone in the field of defence research through different streams of science and technology. Speaking on the occasion, Dr. Vijay Shankar Pasupureddi, Associate Head, Electronics & Communication Engineering stressed on focusing on both the macro and micro levels of implementing an idea and vision, which would lead to the success of these projects to realize their objectives in future.

On behalf of DRDO, Dr. Jagannath Nayak, Director, Centre for High Energy Systems and Sciences (CHESS); Shri N. Srinivas Rao, Director, Defence Electronics Research Laboratory (DLRL); Shri G. Viswam, Director, Electronics & Radar Development Establishment (LRDE); Dr. Ajay Kumar, Director, Instruments Research & Development Establishment (IRDE) and Shri L.C. Mangal, Director, Defence Electronics Application Laboratory (DEAL) also spoke on the occasion. They stressed that DRDO is looking forward to having collaborations with the academia for research and industry for taking the projects forward to the application level. These collaborations with academic institutions aim at developing cutting-edge and next generation technologies to make India at par with the international standards in terms defence technology.

Among others, Dr. D.P. Dogra, Associate Head, Computer Science Engineering coordinated the programme.



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Indian Institute of Technology Bhubaneswar

Media/Publication	MSN.com		
Date	9 th may, 2024	Language	English
Headline	DRDO hands over nine defence tech projects to IIT-Bhubaneswar		
Link	https://www.msn.com/en-in/news/India/drdo-hands-over-nine-defence-tech-projects-to-iit-bhubaneswar/ar-BB1m0ikY		



BHUBANESWAR: Nine projects sanctioned from the electronics and communication systems (ECS) cluster of Defence Research and Development Organisation (DRDO) were handed over to IIT-Bhubaneswar at a collaboration meeting here on Tuesday.

Seven more projects are in the process of being sanctioned from ECS with a funding of Rs 18 crore. The IIT-Bhubaneswar will work on these sanctioned projects, which would be beneficial in electronics warfare, AI-driven surveillance, power systems and radar systems.

Informing about the projects, head of Electrical Science school of IIT-Bhubaneswar SR Samantaray said the collaboration of IIT-Bhubaneswar and DRDO will contribute to the emerging research and development need of defence applications, creating platform for 'Atma Nirbhar Bharat'.



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This form of collaboration will enhance the sustainability of defence research programmes and will be part of the ecosystem for nation building. “The collaboration between the ECS Cluster of DRDO and IIT-Bhubaneswar is intended towards working for a common cause to fulfil the future needs of the country in the field of defence technology,” he said. Speaking on the occasion, director general of ECS Binay K Das said DRDO is going through a transformation from being technology chasers to becoming technology enablers and trendsetters. “The goal is now to move beyond attaining self-reliance to setting standards for the Indian Armed Forces, for others across the globe to emulate. In this context, this collaboration, and the further opportunity to set up a Centre of Excellence at IIT-Bhubaneswar would prove crucial,” he added.

He further advised the researchers and faculty members associated with various DRDO sanctioned projects to work systematically with proper review and risk management systems to complete the projects in time and come up with unique solutions.

On the collaboration with DRDO, director of IIT-Bhubaneswar Shreepad Karmalkar said the IITs across the country have moved beyond knowledge generation and dissemination to knowledge application, wealth generation through start-ups, entrepreneurship and producing quality teachers. In such a scenario, collaborations with DRDO for research in the field of defence mechanism and technology will pave a new path towards excellence, he said. Karmalkar emphasised on the role of research scholars in coming up with innovative ideas.

DRDO officials informed that they are looking forward to having collaborations with the academia for research and industry for taking the projects forward to the application level.

These collaborations with academic institutions aim at developing cutting-edge and next generation technologies to make India at par with the international standards in terms of defence technology.



Media/Publication	The Orissa Post		
Date	9 th may, 2024	Language	English
Headline	DRDO to collaborate with IIT Bhub for AI-driven surveillance		

DRDO to collaborate with IIT Bhub for AI-driven surveillance

PRESS TRUST OF INDIA

Bhubaneswar, May 8: Defence Research and Development Organisation (DRDO) will collaborate with Indian Institute of Technology (IIT) Bhubaneswar for artificial intelligence (AI) driven surveillance and other projects, officials said.

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During the meeting, nine sanctioned projects of the ECS Cluster of DRDO were handed over to IIT Bhubaneswar while another

seven projects are in process to be sanctioned with ₹18 crore funding.

IIT Bhubaneswar will work on the sanctioned projects, which would be beneficial in electronics warfare, AI-driven surveillance, power systems, radar systems etc, officials said.

SR Samantaray, head of the School of Electrical sciences of IIT said the collaboration of IIT Bhubaneswar and DRDO will contribute to the emerging research and development need of defence applications, creating a platform for 'Atma Nirbhar Bharat'.

This form of collaboration will enhance the sustainability of defence research programmes and will be part of the eco-system for nation building, he said.

Speaking on the occasion,

Binay Das advised researchers and faculty members associated with various DRDO-sanctioned projects to work systematically with proper review and risk management systems to complete the projects in time and come up with unique solutions.

He said that DRDO is going through a transformation from technology chasers to become technology enablers and trend-setters.

"The goal is now to move beyond attaining self-reliance to setting standards for the Indian armed forces, for others across the globe, to emulate. In this context, this collaboration, and the further opportunity to set up a Centre of Excellence at IIT Bhubaneswar would prove crucial," he added.





भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

Media/Publication	IndusvalleyTimes.com		
Date	9 th may, 2024	Language	English
Headline	IIT BHUBANESWAR-DRDO COLLABORATION KICK-OFF MEETING EXPLORED POSSIBILITIES OF CENTRE OF EXCELLENCE ESTABLISHMENT		
Link	https://indusvalleytimes.com/news/iit-bhubaneswar-drdo-collaboration-kick-off-meeting-explored-possibilities-of-centre-of-excellence-establishment/		

Bhubaneswar, May 8 : As a groundbreaking initiative, Indian Institute of Technology (IIT) Bhubaneswar and Defence Research and Development Organisation (DRDO) Collaboration Kick-off Meeting was held on 7th May 2024. Dr. Binay K. Das, Director General (DG) of Electronics and Communication Systems (ECS) Cluster, DRDO, and the Directors of CHES, LRDE, DEAL, DLRL and IRDE of DRDO Labs along with senior scientists were present during the handing over of projects and kick-off function.

During the meeting, 9 sanctioned projects from ECS Cluster of DRDO were handed over, followed by an interaction session with IIT Bhubaneswar faculty members and Research Scholars. Further another 7 projects are in process to be sanctioned with a total worth of Rs. 18 crore funding. IIT Bhubaneswar will work on the sanctioned projects, which would be beneficial in Electronics warfare, AI Driven surveillance, power systems, Radar systems etc.

Prof S.R. Samantaray, Head of the School, Electrical Sciences welcomed the dignitaries and briefed about the sanctioned projects. He said: "The collaboration of IIT Bhubaneswar and DRDO will contribute to the emerging Research and Development need of defence applications, creating platform for 'Atma Nirbhar Bharat'. This form of collaboration will enhance the sustainability of defence research programs and will be part of the eco-system for nation building."

Speaking on the occasion, Dr. Das said: "This collaboration between the ECS Cluster, DRDO and IIT Bhubaneswar is intended towards working for a common cause to fulfil the future needs of the country in the field of defence technology." He said that DRDO is going through a transformation from technology chasers to become technology enablers and trend setters. "The goal is now to move beyond from attaining self-reliance to setting standards for the Indian Armed Forces, for others across the globe to emulate. In this context, this collaboration, and the further opportunity to set up a Centre of Excellence at IIT Bhubaneswar would prove crucial," he added. He further advised the researchers and



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faculty members associated with various DRDO sanctioned projects to work systematically with proper review and risk management system to complete the projects in time and come up with unique solutions.

Informing about this association with DRDO, Prof. Shreepad Karmalkar, Director, IIT Bhubaneswar said: "The IITs across the country have moved beyond knowledge generation and knowledge dissemination to knowledge application, wealth generation through start-ups & entrepreneurship and producing quality teachers. In such a scenario, collaborations with DRDO for research in the field of defence mechanism and technology will pave new path towards excellence." Emphasizing on the role of research scholars in coming up with innovative ideas he said: "Our research scholars are the backbone in producing great research. For contributing to the development of the society and making a mark with some new concepts, the research scholars should work 24x7 with hard work and passion, should develop technical competence through extensive reading beyond textbooks. The primary motive of a research scholar should be intrinsic, and this would lead to enhance the research ecosystem of the country."

Prof. Dinakar Pasla, Dean- Sponsored Research & Industrial Consultancy (SRIC) expressed gratitude to the DRDO's ECS Cluster for bestowing confidence on IIT Bhubaneswar for research collaboration and he said that it would be a significant milestone in the field of defence research through different streams of science and technology. Speaking on the occasion, Dr. Vijay Shankar Pasupureddi, Associate Head, Electronics & Communication Engineering stressed on focusing on both the macro and micro levels of implementing an idea and vision, which would lead to the success of these projects to realize their objectives in future.

On behalf of DRDO, Dr. Jagannath Nayak, Director, Centre for High Energy Systems and Sciences (CHESS); Shri N. Srinivas Rao, Director, Defence Electronics Research Laboratory (DLRL); Shri G. Viswam, Director, Electronics & Radar Development Establishment (LRDE); Dr. Ajay Kumar, Director, Instruments Research & Development Establishment (IRDE) and Shri L.C. Mangal, Director, Defence Electronics Application Laboratory (DEAL) also spoke on the occasion. They stressed that DRDO is looking forward to having collaborations with the academia for research and industry for taking the projects forward to the application level. These collaborations with academic institutions aim at developing cutting-edge and next generation technologies to make India at par with the international standards in terms defence technology.

Among others, Dr. D.P. Dogra, Associate Head, Computer Science Engineering coordinated the programme.



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Media/Publication	Idrw.org		
Date	9 th may, 2024	Language	English
Headline	DRDO to collaborate with IIT Bhubaneswar for AI-driven surveillance and other projects		
Link	https://idrw.org/drdo-to-collaborate-with-iit-bhubaneswar-for-ai-driven-surveillance-other-projects/		

Defence Research and Development Organisation (DRDO) will collaborate with Indian Institute of Technology (IIT) Bhubaneswar for artificial intelligence (AI) driven surveillance and other projects, officials said. A meeting was held between DRDO and IIT Bhubaneswar officials here on Tuesday. Binay Das, director general (DG) of Electronics and Communication Systems (ECS) cluster, DRDO, and many senior scientists and officials of both institutions were present in the meeting.

During the meeting, nine sanctioned projects of the ECS Cluster of DRDO were handed over to IIT Bhubaneswar while another 7 projects are in process to be sanctioned with Rs 18 crore funding.

IIT Bhubaneswar will work on the sanctioned projects, which would be beneficial in electronics warfare, AI-driven surveillance, power systems, radar systems etc, officials said.

S R Samantaray, head of the School of Electrical sciences of IIT said the collaboration of IIT Bhubaneswar and DRDO will contribute to the emerging research and development need of defence applications, creating a platform for 'Atma Nirbhar Bharat'.

This form of collaboration will enhance the sustainability of defence research programmes and will be part of the eco-system for nation building, he said.

Speaking on the occasion, Binay Das advised researchers and faculty members associated with various DRDO-sanctioned projects to work systematically with proper review and risk management systems to complete the projects in time and come up with unique solutions.

He said that DRDO is going through a transformation from technology chasers to become technology enablers and trendsetters.

"The goal is now to move beyond attaining self-reliance to setting standards for the Indian armed forces, for others across the globe, to emulate. In this context, this collaboration, and the further opportunity to set up a Centre of Excellence at IIT Bhubaneswar would prove crucial," he added.



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Media/Publication	https://www.indiandefensenews.in/		
Date	9 th may, 2024	Language	English
Headline	DRDO HANDS OVER NINE DEFENCE TECH PROJECTS TO IIT-BHUBANESWAR		
Link	https://www.indiandefensenews.in/2024/05/drdo-hands-over-nine-defence-tech.html		

BHUBANESWAR: Nine projects sanctioned from the electronics and communication systems (ECS) cluster of Defence Research and Development Organisation (DRDO) were handed over to IIT-Bhubaneswar at a collaboration meeting here on Tuesday.

Seven more projects are in the process of being sanctioned from ECS with a funding of ₹18 crore. The IIT-Bhubaneswar will work on these sanctioned projects, which would be beneficial in electronics warfare, AI-driven surveillance, power systems and radar systems.

Informing about the projects, head of Electrical Science school of IIT-Bhubaneswar SR Samantaray said the collaboration of IIT-Bhubaneswar and DRDO will contribute to the emerging research and development need of defence applications, creating platform for 'Atmanirbhar Bharat'.

This form of collaboration will enhance the sustainability of defence research programmes and will be part of the ecosystem for nation building. "The collaboration between the ECS Cluster of DRDO and IIT-Bhubaneswar is intended towards working for a common cause to fulfil the future needs of the country in the field of defence technology," he said. Speaking on the occasion, director general of ECS Binay K Das said DRDO is going through a transformation from being technology chasers to becoming technology enablers and trendsetters. "The goal is now to move beyond attaining self-reliance to setting standards for the Indian Armed Forces, for others across the globe to emulate. In this context, this collaboration, and the further opportunity to set up a Centre of Excellence at IIT-Bhubaneswar would prove crucial," he added.



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He further advised the researchers and faculty members associated with various DRDO sanctioned projects to work systematically with proper review and risk management systems to complete the projects in time and come up with unique solutions.

On the collaboration with DRDO, director of IIT-Bhubaneswar Shreepad Karmalkar said the IITs across the country have moved beyond knowledge generation and dissemination to knowledge application, wealth generation through start-ups, entrepreneurship and producing quality teachers. In such a scenario, collaborations with DRDO for research in the field of defence mechanism and technology will pave a new path towards excellence, he said. Karmalkar emphasised on the role of research scholars in coming up with innovative ideas.

DRDO officials informed that they are looking forward to having collaborations with the academia for research and industry for taking the projects forward to the application level.

These collaborations with academic institutions aim at developing cutting-edge and next generation technologies to make India at par with the international standards in terms of defence technology.



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Media/Publication	Dainik Jagran		
Date	9 th may, 2024	Language	Hindi
Headline	DRDO to collaborate with IIT Bhubaneswar for AI-driven surveillance and other projects		
Link	https://www.jagran.com/odisha/bhubaneshwar-drdo-and-iit-bhubaneswar-will-work-together-nine-projects-including-ai-included-23713882.html		

DRDO और IIT भुवनेश्वर साथ मिलकर करेगा काम, AI समेत नौ परियोजनाएं शामिल

Odisha News डीआरडीओ एआई संचालित निगरानी और अन्य परियोजनाओं के लिए आईआईटी भुवनेश्वर के साथ गठजोड़ करेगा। डीआरडीओ और आईआईटी भुवनेश्वर के अधिकारियों के बीच एक बैठक हुई। इस दौरान डीआरडीओ के ईसीएस क्लस्टर के डीजी बिनय दास और दोनों संस्थानों के कई वरिष्ठ वैज्ञानिक और अधिकारी मौजूद रहे। इस दौरान नौ स्वीकृत परियोजनाएं आईआईटी भुवनेश्वर को सौंपी गईं।



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Media/Publication	buffalobrewpub.ca		
Date	9 th may, 2024	Language	English
Headline	DRDO transfers nine defense technology projects to IIT-Bhubaneswar		
Link	https://buffalobrewpub.ca/orange/0a987946aka51/		



The collaboration of IIT-Bhubaneswar and DRDO will contribute to the emerging research and development needs of defense applications, creating a platform for 'Atma Nirbhar Bharat'.

BHUBANESWAR: Nine projects approved by the electronics and communication systems (ECS) cluster of the Defense Research and Development Organization (DRDO) were handed over to IIT-Bhubaneswar at a collaboration meeting here on Tuesday.

Another seven projects are currently being approved by ECS with a funding of Rs 18 crore. The IIT-Bhubaneswar will work on these sanctioned projects, which would be beneficial in the areas of electronic warfare, AI-enabled surveillance, power systems and radar systems.



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Briefing about the projects, Head of Electrical Science School of IIT-Bhubaneswar SR Samantaray said that the collaboration of IIT-Bhubaneswar and DRDO will contribute to the emerging research and development needs of defense applications, thereby creating a platform for 'Atma Nirbhar Bharat'.

This type of collaboration will enhance the sustainability of defense research programs and will be part of the nation-building ecosystem. "The collaboration between DRDO's ECS Cluster and IIT-Bhubaneswar is aimed at working towards a common goal of meeting the country's future needs in defense technology," he said. Speaking on the occasion, Director General of ECS Binay K Das said DRDO is undergoing a transformation from technology chasers to technology enablers and trendsetters. "The aim now is to go beyond achieving self-reliance and set standards for the Indian Armed Forces that others around the world can emulate. In this context, this collaboration and the further opportunity to set up a Center of Excellence at IIT-Bhubaneswar would prove crucial," he added.

He further advised the researchers and faculty members involved in various DRDO sanctioned projects to work systematically with proper assessment and risk management systems to complete the projects on time and come up with unique solutions.

Speaking about the collaboration with DRDO, Director of IIT-Bhubaneswar Shreepad Karmalkar said that the IITs across the country have gone beyond generation and dissemination of knowledge to application of knowledge, wealth generation through start-ups, entrepreneurship and producing quality teachers. In such a scenario, collaborations with DRDO for research in defense mechanisms and technology will pave a new path to excellence, he said. Karmalkar highlighted the role of research scientists in coming up with innovative ideas.

DRDO officials said they look forward to collaborating with academia for research and industry to take the projects to the application level.

These collaborations with academic institutions are aimed at developing advanced next-generation technologies to bring India at par with international standards in defense technology.



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Media/Publication	Skilloutlook.com		
Date	9 th may, 2024	Language	English
Headline	IIT Bhubaneswar-DRDO Collaboration Kick-off Meeting explored possibilities of Centre of Excellence Establishment		
Link	https://skilloutlook.com/education/iit-bhubaneswar-drdo-collaboration-kick-off-meeting-explored-possibilities-of-centre-of-excellence-establishment		

Bhubaneswar : As a groundbreaking initiative, Indian Institute of Technology (IIT) Bhubaneswar and Defence Research and Development Organisation (DRDO) Collaboration Kick-off Meeting was held on 7th May 2024. Dr. Binay K. Das, Director General (DG) of Electronics and Communication Systems (ECS) Cluster, DRDO, and the Directors of CHES, LRDE, DEAL, DLRL and IRDE of DRDO Labs along with senior scientists were present during the handing over of projects and kick-off function.

During the meeting, 9 sanctioned projects from ECS Cluster of DRDO were handed over, followed by an interaction session with IIT Bhubaneswar faculty members and Research Scholars. Further another 7 projects are in process to be sanctioned with a total worth of Rs. 18 crore funding. IIT Bhubaneswar will work on the sanctioned projects, which would be beneficial in Electronics warfare, AI Driven surveillance, power systems, Radar systems etc.

Prof S.R. Samantaray, Head of the School, Electrical Sciences welcomed the dignitaries and briefed about the sanctioned projects. He said: “The collaboration of IIT Bhubaneswar and DRDO will contribute to the emerging Research and Development need of defence applications, creating platform for ‘Atma Nirbhar Bharat’. This form of collaboration will enhance the sustainability of defence research programs and will be part of the eco-system for nation building.”

Speaking on the occasion, Dr. Das said: “This collaboration between the ECS Cluster, DRDO and IIT Bhubaneswar is intended towards working for a common cause to fulfil the future needs of the country in the field of defence technology.” He said that DRDO is going through a transformation from technology chasers to become technology enablers and trend setters. “The goal is now to move beyond from attaining self-reliance to setting standards for the Indian Armed Forces, for others across the globe to emulate. In this context, this collaboration, and the further opportunity to set up a Centre of Excellence at IIT Bhubaneswar would prove crucial,” he added. He further advised the researchers and faculty members associated with various DRDO sanctioned projects



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to work systematically with proper review and risk management system to complete the projects in time and come up with unique solutions.

Informing about this association with DRDO, Prof. Shreepad Karmalkar, Director, IIT Bhubaneswar said: “The IITs across the country have moved beyond knowledge generation and knowledge dissemination to knowledge application, wealth generation through start-ups & entrepreneurship and producing quality teachers. In such a scenario, collaborations with DRDO for research in the field of defence mechanism and technology will pave new path towards excellence.” Emphasizing on the role of research scholars in coming up with innovative ideas he said: “Our research scholars are the backbone in producing great research. For contributing to the development of the society and making a mark with some new concepts, the research scholars should work 24×7 with hard work and passion, should develop technical competence through extensive reading beyond textbooks. The primary motive of a research scholar should be intrinsic, and this would lead to enhance the research ecosystem of the country.”

Prof. Dinakar Pasla, Dean- Sponsored Research & Industrial Consultancy (SRIC) expressed gratitude to the DRDO’s ECS Cluster for bestowing confidence on IIT Bhubaneswar for research collaboration and he said that it would be a significant milestone in the field of defence research through different streams of science and technology. Speaking on the occasion, Dr. Vijay Shankar Pasupureddi, Associate Head, Electronics & Communication Engineering stressed on focusing on both the macro and micro levels of implementing an idea and vision, which would lead to the success of these projects to realize their objectives in future.

On behalf of DRDO, Dr. Jagannath Nayak, Director, Centre for High Energy Systems and Sciences (CHESS); Shri N. Srinivas Rao, Director, Defence Electronics Research Laboratory (DLRL); Shri G. Viswam, Director, Electronics & Radar Development Establishment (LRDE); Dr. Ajay Kumar, Director, Instruments Research & Development Establishment (IRDE) and Shri L.C. Mangal, Director, Defence Electronics Application Laboratory (DEAL) also spoke on the occasion. They stressed that DRDO is looking forward to having collaborations with the academia for research and industry for taking the projects forward to the application level. These collaborations with academic institutions aim at developing cutting-edge and next generation technologies to make India at par with the international standards in terms defence technology.

Among others, Dr. D.P. Dogra, Associate Head, Computer Science Engineering coordinated the programme.



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Media/Publication	knnindia.co.in		
Date	9 th may, 2024	Language	English
Headline	IIT Bhubaneswar, DRDO Join Hands for Defence R&D		
Link	https://knnindia.co.in/news/newsdetails/sectors/iit-bhubaneswar-drdo-join-hands-for-defence-rd		



New Delhi, May 9 (KNN) The Indian Institute of Technology (IIT) Bhubaneswar and the Defence Research and Development Organisation (DRDO) have embarked on a new research collaboration focused on cutting-edge technologies for defence applications.

The partnership will see the two premier institutes join forces in areas such as electronics warfare, AI-driven surveillance, power systems, and radar systems.

Under the agreement, DRDO's Electronics and Communication Systems (ECS) Cluster has sanctioned nine projects to IIT Bhubaneswar, with seven more projects worth Rs 18 crore in funding currently in the pipeline. IIT Bhubaneswar will take the lead in executing these strategic research initiatives.

A high-level meeting was held on Tuesday to formalise the collaboration and outline the key areas of focus.

Highlighting the significance of the partnership, Prof. Shreepad Karmalkar, Director of IIT Bhubaneswar, stated, "Collaborations with DRDO for research in defence mechanisms and



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technology will pave a new path towards excellence, as IITs move beyond knowledge generation to knowledge application, wealth generation, and producing quality educators."

Dr. Binay K. Das, Director General of the ECS Cluster at DRDO, expressed optimism about the partnership, stating, "This collaboration between the ECS Cluster, DRDO, and IIT Bhubaneswar is intended towards working for a common cause to fulfil the future needs of the country in defence technology", reported Telegraph.

The collaboration aims to leverage the collective expertise of the two institutes, fostering innovation and advancing India's defence capabilities.

By combining cutting-edge research with practical applications, the partnership is expected to yield significant breakthroughs in critical defence technologies, bolstering the nation's self-reliance and security.



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Media/Publication	Vartha Bharathi		
Date	9 th may, 2024	Language	English
Headline	DRDO to collaborate with IIT Bhubaneswar for AI-driven surveillance, other projects		
Link	https://english.varthabharati.in/india/drdo-to-collaborate-with-iit-bhubaneswar-for-ai-driven-surveillance-other-projects		

Bhubaneswar (PTI): Defence Research and Development Organisation (DRDO) will collaborate with Indian Institute of Technology (IIT) Bhubaneswar for artificial intelligence (AI) driven surveillance and other projects, officials said. A meeting was held between DRDO and IIT Bhubaneswar officials here on Tuesday. Binay Das, director general (DG) of Electronics and Communication Systems (ECS) cluster, DRDO, and many senior scientists and officials of both institutions were present in the meeting.

During the meeting, nine sanctioned projects of the ECS Cluster of DRDO were handed over to IIT Bhubaneswar while another 7 projects are in process to be sanctioned with Rs 18 crore funding.

IIT Bhubaneswar will work on the sanctioned projects, which would be beneficial in electronics warfare, AI-driven surveillance, power systems, radar systems etc, officials said.

S R Samantaray, head of the School of Electrical sciences of IIT said the collaboration of IIT Bhubaneswar and DRDO will contribute to the emerging research and development need of defence applications, creating a platform for 'Atma Nirbhar Bharat'.

This form of collaboration will enhance the sustainability of defence research programmes and will be part of the eco-system for nation building, he said.

Speaking on the occasion, Binay Das advised researchers and faculty members associated with various DRDO-sanctioned projects to work systematically with proper review and risk management systems to complete the projects in time and come up with unique solutions.

He said that DRDO is going through a transformation from technology chasers to become technology enablers and trendsetters.

"The goal is now to move beyond attaining self-reliance to setting standards for the Indian armed forces, for others across the globe, to emulate. In this context, this collaboration, and the further opportunity to set up a Centre of Excellence at IIT Bhubaneswar would prove crucial," he added.



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Media/Publication	www.medianama.com		
Date	9 th may, 2024	Language	English
Headline	India's R&D Wing Of Defence Ministry Collaborates With IIT Bhubaneswar For AI-Driven Surveillance Projects		
Link	https://www.medianama.com/2024/05/223-indias-rd-wing-of-defence-ministry-collaborates-with-iit-bhubaneswar-for-ai-driven-surveillance-projects/		

India's Defence Research and Development Organisation (DRDO) has collaborated with the Indian Institute of Technology (IIT) Bhubaneswar for undertaking artificial intelligence (AI) driven surveillance and other projects, [according to a PTI report republished](#) by the Indian Defence Research Wing.

During a meeting between Binay Das, Director General (DG) of the Electronics and Communication Systems (ECS) cluster, DRDO, IIT Bhubaneswar officials, senior scientists and officials of both institutions, the DRDO handed over to IIT Bhubaneswar nine projects sanctioned to the ECS, while another 7 projects are in process to be sanctioned with Rs 18 crore funding.

Officials have informed the PTI that the collaboration will focus on advancing electronics warfare, AI-driven surveillance, power systems, radar systems etc. It will also contribute to research and development requirements for defence applications in order to further the goals of Atma Nirbhar Bharat.

Indian Army's plans to use AI in defence systems

In March, speaking at the NDTV Defence Summit [Army Chief General Manoj Pande revealed](#) that the Indian army is preparing an AI roadmap for the next 20 to 25 years. Discussing the ways in which AI will be used in India's defence sector, Pande informed that the planned AI projects will cover "natural language processing, facial recognition, vehicle tracking, satellite imagery analysis and other autonomous systems". He added that



the military is also working on a “tri-services project” to create a “high-powered computing AI cloud”.

Highlighting the Indian army’s growing interest in using AI, Pande informed that the military is also undertaking collaborations with different ministries to incorporate emerging technologies in military processes. MediaNama [reported earlier](#), that in 2019 the Ministry of Defence had established a high-level Defence AI Council (DAIC) for strategic implementation of AI for national security and defence. The DAIC is expected to guide the partnership between the government and industry and also review the recommendations concerning the acquisition of technology and startups. Additionally, the Centre of Artificial Intelligence and Robotics (CAIR) in the Defence Research and Development Organisation (DRDO) has also developed autonomous technology-based [products](#) for surveillance and reconnaissance purposes.

What’s concerning?

The use of AI-driven reconnaissance systems, which can identify and engage targets without human intervention, raises questions about adequate safeguards against errors in algorithmic decision-making that can have significant impact on human rights. Additionally, it’s worth asking if there are appropriate legal frameworks for the accountability of AI systems on account failures that can harm civilians.

The use of AI for military purposes coupled with the rise in the usage of drones in India for law enforcement raises significant concerns regarding data privacy and surveillance risks. AI technologies can process vast amounts of data from drones, satellites, and ground sensors to monitor activities over large areas. This capability can be used for general surveillance or targeted surveillance, potentially infringing on privacy rights and civil liberties. Not to forget, India’s personal data protection law exempts publicly available data from safeguards provided.

Finally, AI systems can perpetuate or even exacerbate existing biases if they are trained on skewed or unrepresentative data. In the absence of adequate oversight and laws governing the use of AI for defence purposes, unfair targeting or discrimination in operational contexts caused by biased algorithms can further impact human rights.



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Media/Publication	Dainik Bhaskar		
Date	10 th may, 2024	Language	Hindi
Headline	IIT Bhubaneswar-DRDO Collaboration Meeting		

आईआईटी भुवनेश्वर-डीआरडीओ की बैठक

भुवनेश्वर | एक अभूतपूर्व पहल के रूप में, भारतीय प्रौद्योगिकी संस्थान (आईआईटी) भुवनेश्वर और रक्षा अनुसंधान



एवं विकास संगठन (डीआरडीओ) के बीच 7 मई 2024 को परस्पर सहयोग हेतु किक-ऑफ बैठक

का सफल आयोजन किया गया। परियोजनाओं को सौंपने और इस किक-ऑफ कार्यक्रम के शुभारंभ समारोह के दौरान डीआरडीओ के इलेक्ट्रॉनिक्स और संचार प्रणाली (ईसीएस) क्लस्टर के महानिदेशक (डीजी) डॉ. बिनय के. दास, के साथ-साथ डीआरडीओ की सीएचईएसएस, एलआरडीई, डीईएएल, डीएलआरएल और आईआरडीई प्रयोगशालाओं के निदेशकों सहित अन्य वरिष्ठ वैज्ञानिक भी उपस्थित रहे।