



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर  
Indian Institute of Technology Bhubaneswar

Media/Publication	Times Of India		
Date	8 January 2025	Language	English
Headline	IIT Bhubaneswar signs pact with CRRI for research		
Link	<a href="https://timesofindia.indiatimes.com/city/bhubaneswar/iit-bhubaneswar-signs-pact-with-crri-for-research/articleshow/117062657.cms">https://timesofindia.indiatimes.com/city/bhubaneswar/iit-bhubaneswar-signs-pact-with-crri-for-research/articleshow/117062657.cms</a>		



Bhubaneswar: IIT Bhubaneswar on Wednesday signed a memorandum of understanding with CSIR-Central Road Research Institute (CRRI) to promote collaborative research, facilitate exchange of ideas, develop new knowledge, and enhance high-quality research acumen.

The MoU was signed by Dinakar Pasla, dean (sponsored research and industrial consultancy), IIT Bhubaneswar, and Manoranjan Parida, director, CSIR-CRRI. Shreepad Karmalkar, IIT director, was also present.

Major thrust areas of joint research will be traffic and transportation engineering, pavement engineering, [road safety](#) and other allied civil engineering areas such as geotechnical engineering and bridge engineering, official sources said."The modes of cooperation will include exchanges of faculty and students for the purposes of research and teaching. The two institutes will help each other in the development and implementation of collaborative research projects, professional development programmes, capacity-building efforts and dissemination of findings through scholarly publications and white papers," read an official statement from IIT.



## भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर Indian Institute of Technology Bhubaneswar

Media/Publication	India Education Diary		
Date	8 January 2025	Language	English
Headline	IIT Bhubaneswar signs MoU with CSIR-Central Road Research Institute (CRRI)		
Link	<a href="https://indiaeducationdiary.in/iit-bhubaneswar-signs-mou-with-csir-central-road-research-institute-crri/">https://indiaeducationdiary.in/iit-bhubaneswar-signs-mou-with-csir-central-road-research-institute-crri/</a>		



Bhubaneswar: With an objective to explore opportunities of collaboration, intellectual cooperation, scholarly exchange, and development of national partnership, Indian Institute of Technology (IIT) Bhubaneswar and CSIR-Central Road Research Institute (CRRI), New Delhi have signed a Memorandum of Understanding on 8th January 2025. The MoU was signed by Prof. Dinakar Pasla, Dean (Sponsored Research and Industrial Consultancy), IIT Bhubaneswar and Prof. Manoranjan Parida, Director, CSIR-CRRI, in the presence of Prof. Shreepad Karmalkar, Director, IIT Bhubaneswar.

The MoU intends to promote collaborative research, facilitate the exchange of ideas, development of new knowledge, and to enhance high quality research acumen. The major thrust areas of research on which both the parties will jointly work are Traffic and Transportation Engineering, Pavement Engineering, Road Safety and other allied Civil Engineering areas such as Geotechnical Engineering and Bridge Engineering etc. The modes of cooperation will include exchanges of faculty and students for the purposes of research and teaching; development and implementation of collaborative research projects, professional development programs, and capacity-building efforts; and dissemination of findings through scholarly publications, white papers, and in the media.

Speaking on this occasion, Prof. Karmalkar said: “This collaboration with CSIR-CRRI will enhance the ecosystem for research in the field road construction, thereby contributing towards strengthening the infrastructure for transportation and connectivity. The School of Infrastructure at IIT Bhubaneswar deals with academics and research in different areas of Civil Engineering through its eminent faculty members. IIT Bhubaneswar, as a technical knowledge provider, is looking forward to this association to foster innovation in this field.” Director of CSIR-CRRI Prof. Parida expressed: “This MoU between the two premier institutions of India will bring transformation in research and development activities in the areas of roads and bridges, traffic and transportation, ground improvement and geotechnical engineering, rural roads, pavement design, pavement performance and its evaluation, instrumentation, environment and road safety. We hope this association will also help Odisha in creating a benchmark in this domain in future.” Among others, from Prof. Sumanta Halder, Head-School of Infrastructure, IIT Bhubaneswar; Dr. Pradeep Kumar, Chief Scientist, Head (Pavement Evaluation Division), CSIR-CRRI; Dr. Umesh Chandra Sahoo and Dr. Anush K. Chandrappa, Faculty Members, IIT Bhubaneswar were present on the occasion.



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Indian Institute of Technology Bhubaneswar

Media/Publication	India Education Diary		
Date	8 January 2025	Language	English
Headline	IIT-Bhubaneswar in Pioneering Road Engineering Research Partnership		
Link	<a href="https://www.devdiscourse.com/article/science-environment/3219330-iit-bhubaneswar-in-pioneering-road-engineering-research-partnership">https://www.devdiscourse.com/article/science-environment/3219330-iit-bhubaneswar-in-pioneering-road-engineering-research-partnership</a>		

IIT-Bhubaneswar has partnered with the Central Road Research Institute (CRRI) to advance research in road engineering. The collaboration aims to focus on traffic and transportation, pavement, and road safety, potentially setting benchmarks for infrastructure development in Odisha and beyond.

IT-Bhubaneswar has formalized a partnership with the Central Road Research Institute (CRRI) to enhance collaborative research in the field of road engineering. Signed on Wednesday, this agreement signifies a major step forward for both institutions.

Key focus areas include traffic and transportation engineering, pavement engineering, and road safety, alongside other civil engineering disciplines such as geotechnical and bridge engineering. These domains promise robust research opportunities, according to project officials.

Highlighting the significance of the collaboration, IIT-Bhubaneswar Director Shreepad Karmalkar stated this partnership will fortify research ecosystems essential for road construction improvements. Meanwhile, CRRI Director Manoranjan Parida expressed optimism about the MoU's potential to revolutionize research and development in these critical sectors.



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर  
Indian Institute of Technology Bhubaneswar

Media/Publication	Orissa Diary		
Date	8 January 2025	Language	English
Headline	IIT Bhubaneswar signs MoU with CSIR-Central Road Research Institute (CRRI)		
Link	<a href="https://orissadiary.com/iit-bhubaneswar-signs-mou-with-csir-central-road-research-institute-crri/">https://orissadiary.com/iit-bhubaneswar-signs-mou-with-csir-central-road-research-institute-crri/</a>		

Bhubaneswar: With an objective to explore opportunities of collaboration, intellectual cooperation, scholarly exchange, and development of national partnership, Indian Institute of Technology (IIT) Bhubaneswar and CSIR-Central Road Research Institute (CRRI), New Delhi have signed a Memorandum of Understanding on 8th January 2025. The MoU was signed by Prof. Dinakar Pasla, Dean (Sponsored Research and Industrial Consultancy), IIT Bhubaneswar and Prof. Manoranjan Parida, Director, CSIR-CRRI, in the presence of Prof. Shreepad Karmalkar, Director, IIT Bhubaneswar.

The MoU intends to promote collaborative research, facilitate the exchange of ideas, development of new knowledge, and to enhance high quality research acumen. The major thrust areas of research on which both the parties will jointly work are Traffic and Transportation Engineering, Pavement Engineering, Road Safety and other allied Civil Engineering areas such as Geotechnical Engineering and Bridge Engineering etc. The modes of cooperation will include exchanges of faculty and students for the purposes of research and teaching; development and implementation of collaborative research projects, professional development programs, and capacity-building efforts; and dissemination of findings through scholarly publications, white papers, and in the media. Speaking on this occasion, Prof. Karmalkar said: “This collaboration with CSIR-CRRI will enhance the ecosystem for research in the field road construction, thereby contributing towards strengthening the infrastructure for transportation and connectivity. The School of Infrastructure at IIT Bhubaneswar deals with academics and research in different areas of Civil Engineering through its eminent faculty members. IIT Bhubaneswar, as a technical knowledge provider, is looking forward to this association to foster innovation in this field.”

Director of CSIR-CRRI Prof. Parida expressed: “This MoU between the two premier institutions of India will bring transformation in research and development activities in the areas of roads and bridges, traffic and transportation, ground improvement and geotechnical engineering, rural roads, pavement design, pavement performance and its evaluation, instrumentation, environment and road safety. We hope this association will also help Odisha in creating a benchmark in this domain in future.” Among others, from Prof. Sumanta Halder, Head-School of Infrastructure, IIT Bhubaneswar; Dr. Pradeep Kumar, Chief Scientist, Head (Pavement Evaluation Division), CSIR-CRRI; Dr. Umesh Chandra Sahoo and Dr. Anush K. Chandrappa, Faculty Members, IIT Bhubaneswar were present on the occasion.



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर  
Indian Institute of Technology Bhubaneswar

Media/Publication	Press Trust Of India (PTI)		
Date	8 January 2025	Language	English
Headline	IIT-Bhubaneswar Signs Agreement with CRRI for Research in Road Engineering		
Link	<a href="https://www.latestly.com/agency-news/india-news-iit-bhubaneswar-signs-agreement-with-crri-for-research-in-road-engineering-6550610.html">https://www.latestly.com/agency-news/india-news-iit-bhubaneswar-signs-agreement-with-crri-for-research-in-road-engineering-6550610.html</a>		

IIT-Bhubaneswar Director Shreepad Karmalkar said the collaboration with CRRI will enhance the ecosystem for research in the field of road construction, thereby contributing to strengthening the infrastructure for transportation and connectivity.

The School of Infrastructure at IIT-Bhubaneswar does research in different areas of civil engineering, he said.

CRRI Director Manoranjan Parida said, "This MoU will bring transformation in research and development activities in the areas of roads and bridges, traffic and transportation, ground improvement and geotechnical engineering, rural roads, pavement design, pavement performance and its evaluation, instrumentation, environment and road safety."

He hoped that the collaboration would also help Odisha in creating a benchmark in this domain in the future.



## भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर Indian Institute of Technology Bhubaneswar

Media/Publication	THE BUSINESSBYTES BUREAU		
Date	8 January 2025	Language	English
Headline	IIT Bhubaneswar, CSIR-CRRI forge partnership for infrastructure innovation		
Link	<a href="https://www.thebusinessbytes.com/business/iit-bhubaneswar-csir-crri-forge-partnership-for-infrastructure-innovation/">https://www.thebusinessbytes.com/business/iit-bhubaneswar-csir-crri-forge-partnership-for-infrastructure-innovation/</a>		



In a significant stride towards enhancing national infrastructure research, the Indian Institute of Technology (IIT) Bhubaneswar and CSIR-Central Road Research Institute (CRRI), New Delhi, have signed a Memorandum of Understanding (MoU) on Wednesday. This strategic alliance aims to foster collaboration, intellectual synergy, and academic exchange between the two premier institutions.

The MoU was signed by Prof. Dinakar Pasla, Dean (Sponsored Research and Industrial Consultancy) at IIT Bhubaneswar, and Prof. Manoranjan Parida, Director of CSIR-CRRI, under the auspices of Prof. Shreepad Karmalkar, Director, IIT Bhubaneswar. This partnership focuses on advancing research in Traffic and Transportation Engineering, Pavement Engineering, Road Safety, and other critical Civil Engineering domains like Geotechnical and Bridge Engineering.

Key components of this collaboration include the exchange of faculty and students for research and teaching, development of joint research projects, and the implementation of professional development programs. The partnership will also emphasize the dissemination of research findings through scholarly publications and media channels, ensuring broader societal impact.

Speaking on the occasion, Prof. Karmalkar highlighted the potential of this collaboration to bolster the research ecosystem in road construction, ultimately enhancing transportation infrastructure. “IIT Bhubaneswar’s School of Infrastructure is poised to leverage this partnership to drive innovation and knowledge dissemination in Civil Engineering,” he remarked.

Prof. Parida, Director of CSIR-CRRI, echoed these sentiments, emphasizing the transformative potential of this alliance in the domains of roads, bridges, and geotechnical engineering. He noted, “This MoU will be a catalyst for pioneering advancements in road safety and infrastructure, setting new benchmarks for Odisha and beyond.”

The signing ceremony witnessed the presence of faculty and scientists, including Prof. Sumanta Haldar, Head of the School of Infrastructure at IIT Bhubaneswar, and Dr. Pradeep Kumar, Chief Scientist at CSIR-CRRI.





## भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर Indian Institute of Technology Bhubaneswar

Media/Publication	Indus Valley Times		
Date	8 January 2025	Language	English
Headline	IIT Bhubaneswar signs MoU with CSIR-Central Road Research Institute (CRRI)		
Link	<a href="https://indusvalleytimes.com/news/iit-bhubaneswar-signs-mou-with-csir-central-road-research-institute-crri/">https://indusvalleytimes.com/news/iit-bhubaneswar-signs-mou-with-csir-central-road-research-institute-crri/</a>		



Bhubaneswar, Jan.8: With an objective to explore opportunities of collaboration, intellectual cooperation, scholarly exchange, and development of national partnership, Indian Institute of Technology (IIT) Bhubaneswar and CSIR-Central Road Research Institute (CRRI), New Delhi have signed a Memorandum of Understanding on 8th January 2025. The MoU was signed by Prof. Dinakar Pasla, Dean (Sponsored Research and Industrial Consultancy), IIT Bhubaneswar and Prof. Manoranjan Parida, Director, CSIR-CRRI, in the presence of Prof. Shreepad Karmalkar, Director, IIT Bhubaneswar.

The MoU intends to promote collaborative research, facilitate the exchange of ideas, development of new knowledge, and to enhance high quality research acumen. The major thrust areas of research on which both the parties will jointly work are Traffic and Transportation Engineering, Pavement Engineering, Road Safety and other allied Civil Engineering areas such as Geotechnical Engineering and Bridge Engineering etc. The modes of cooperation will include exchanges of faculty and students for the purposes of research and teaching; development and implementation of collaborative research projects, professional development programs, and capacity-building efforts; and dissemination of findings through scholarly publications, white papers, and in the media.

Speaking on this occasion, Prof. Karmalkar said: “This collaboration with CSIR-CRRI will enhance the ecosystem for research in the field road construction, thereby contributing towards strengthening the infrastructure for transportation and connectivity. The School of Infrastructure at IIT Bhubaneswar deals with academics and research in different areas of Civil Engineering through its eminent faculty members. IIT Bhubaneswar, as a technical knowledge provider, is looking forward to this association to foster innovation in this field.”

Director of CSIR-CRRI Prof. Parida expressed: “This MoU between the two premier institutions of India will bring transformation in research and development activities in the areas of roads and bridges, traffic and transportation, ground improvement and geotechnical engineering, rural roads, pavement design, pavement performance and its evaluation, instrumentation, environment and road safety. We hope this association will also help Odisha in creating a benchmark in this domain in future.”

Among others, from Prof. Sumanta Halder, Head-School of Infrastructure, IIT Bhubaneswar; Dr. Pradeep Kumar, Chief Scientist, Head (Pavement Evaluation Division), CSIR-CRRI; Dr. Umesh Chandra Sahoo and Dr. Anush K. Chandrappa, Faculty Members, IIT Bhubaneswar were present on the occasion.



# भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर

## Indian Institute of Technology Bhubaneswar

Media/Publication	Indus Valley Times		
Date	8 January 2025	Language	English
Headline	IIT Bhubaneswar Signs MoU with CSIR-CRRI to Advance Road Research and Innovation		
Link	<a href="https://indusvalleytimes.com/news/iit-bhubaneswar-signs-mou-with-csir-central-road-research-institute-crri/">https://indusvalleytimes.com/news/iit-bhubaneswar-signs-mou-with-csir-central-road-research-institute-crri/</a>		



**BHUBANESWAR (India CSR):** In a significant step toward enhancing research and innovation in civil engineering, **Indian Institute of Technology (IIT) Bhubaneswar** signed a Memorandum of Understanding (MoU) with **CSIR-Central Road Research Institute (CRRI)**, New Delhi. The MoU, signed by **Prof. Dinakar Pasla**, Dean (Sponsored Research and Industrial Consultancy) at IIT Bhubaneswar, and **Prof. Manoranjan Parida**, Director of CSIR-CRRI, marks a pivotal collaboration aimed at fostering technological excellence and developing sustainable transportation solutions.

The event, held at the IIT Bhubaneswar campus, was graced by **Prof. Shreepad Karmalkar**, Director of IIT Bhubaneswar, along with eminent faculty members and researchers from both institutions.

### A Shared Vision for National Progress

The primary objective of this collaboration is to promote **cutting-edge research**, **exchange of knowledge**, and the development of high-quality solutions in the field of civil engineering. Key focus areas include:

- **Traffic and Transportation Engineering:** Optimizing traffic flow and developing innovative transportation systems.
- **Pavement Engineering:** Designing sustainable and durable pavements.
- **Road Safety:** Enhancing safety protocols and systems to minimize accidents.
- **Geotechnical and Bridge Engineering:** Improving foundational design and bridge infrastructure.

### Opportunities for Collaborative Growth

The partnership opens avenues for mutual growth and impactful research through:

- **Faculty and Student Exchanges:** Facilitating research collaborations and academic exchanges to share expertise.
- **Joint Research Projects:** Initiating collaborative projects that address national infrastructure challenges.
- **Professional Development:** Organizing workshops, training programs, and capacity-building initiatives.
- **Scholarly Dissemination:** Publishing research findings in academic journals, white papers, and media reports.

### Expert Insights on the Collaboration

Speaking at the MoU signing, **Prof. Shreepad Karmalkar**, Director of IIT Bhubaneswar, emphasized the importance of this partnership:

“This collaboration with CSIR-CRRI will strengthen research ecosystems in road construction and infrastructure development. The School of Infrastructure at IIT Bhubaneswar is equipped with distinguished faculty who are excited to drive innovation in transportation and connectivity.”

Echoing this sentiment, **Prof. Manoranjan Parida**, Director of CSIR-CRRI, highlighted the broader impact: “This MoU between two premier institutions will transform research and development in areas such as roads, bridges, geotechnical engineering, and road safety. We believe this partnership will set new benchmarks and contribute to Odisha’s infrastructure excellence.”





## भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर Indian Institute of Technology Bhubaneswar

Media/Publication	Kalinga Voice		
Date	8 January 2025	Language	English
Headline	IIT Bhubaneswar signs MoU with CSIR-Central Road Research Institute (CRRI)		
Link	<a href="https://kalingavoice.com/odisha/iit-bhubaneswar-signs-mou-withcsir-central-road-research-institute-crri/">https://kalingavoice.com/odisha/iit-bhubaneswar-signs-mou-withcsir-central-road-research-institute-crri/</a>		



**Bhubaneswar:** With an objective to explore opportunities of collaboration, intellectual cooperation, scholarly exchange, and development of national partnership, Indian Institute of Technology (IIT) Bhubaneswar and CSIR-Central Road Research Institute (CRRI), New Delhi have signed a Memorandum of Understanding on 8<sup>th</sup> January 2025. The MoU was signed by Prof. Dinakar Pasla, Dean (Sponsored Research and Industrial Consultancy), IIT Bhubaneswar and Prof. Manoranjan Parida, Director, CSIR-CRRI, in the presence of Prof. Shreepad Karmalkar, Director, IIT Bhubaneswar.

The MoU intends to promote collaborative research, facilitate the exchange of ideas, development of new knowledge, and to enhance high quality research acumen. The major thrust areas of research on which both the parties will jointly work are Traffic and Transportation Engineering, Pavement Engineering, Road Safety and other allied Civil Engineering areas such as Geotechnical Engineering and Bridge Engineering etc. The modes of cooperation will include exchanges of faculty and students for the purposes of research and teaching; development and implementation of collaborative research projects, professional development programs, and capacity-building efforts; and dissemination of findings through scholarly publications, white papers, and in the media.

Speaking on this occasion, Prof. Karmalkar said: “This collaboration with CSIR-CRRI will enhance the ecosystem for research in the field road construction, thereby contributing towards strengthening the infrastructure for transportation and connectivity. The School of Infrastructure at IIT Bhubaneswar deals with academics and research in different areas of Civil Engineering through its eminent faculty members. IIT Bhubaneswar, as a technical knowledge provider, is looking forward to this association to foster innovation in this field.”

Director of CSIR-CRRI Prof. Parida expressed: “This MoU between the two premier institutions of India will bring transformation in research and development activities in the areas of roads and bridges, traffic and transportation, ground improvement and geotechnical engineering, rural roads, pavement design, pavement performance and its evaluation, instrumentation, environment and road safety. We hope this association will also help Odisha in creating a benchmark in this domain in future.”

Among others, from Prof. Sumanta Halder, Head-School of Infrastructure, IIT Bhubaneswar; Dr. Pradeep Kumar, Chief Scientist, Head (Pavement Evaluation Division), CSIR-CRRI; Dr. Umesh Chandra Sahoo and Dr. Anush K. Chandrappa, Faculty Members, IIT Bhubaneswar were present on the occasion.



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर  
Indian Institute of Technology Bhubaneswar

Media/Publication	The Telegraph		
Date	9 January 2025	Language	English
Headline	IIT Bhubaneswar signs MoU with CSIR-Central Road Research Institute (CRRI)		
Link	<a href="https://www.telegraphindia.com/india/pact-between-iit-bhubaneswar-and-csir-central-road-research-institute-for-research-on-transport/cid/2076343">https://www.telegraphindia.com/india/pact-between-iit-bhubaneswar-and-csir-central-road-research-institute-for-research-on-transport/cid/2076343</a>		



IIT Bhubaneswar on Wednesday signed a memorandum of understanding (MoU) with the CSIR-Central Road Research Institute (CRRI) to collaborate for research in the field of traffic and transportation.

The MoU was signed by Dean (Sponsored Research and Industrial Consultancy), IIT Bhubaneswar, Prof Dinakar Pasla and Director, CSIR-CRRI, Prof Manoranjan Parida, in presence of Prof Shreepad Karmalkar, director, IIT Bhubaneswar.

The major thrust areas of research on which both the parties will jointly work are traffic and transportation engineering, pavement engineering, road safety and other allied civil engineering areas such as geotechnical engineering and bridge engineering.

The MoU intends to promote collaborative research, facilitate the exchange of ideas, development of new knowledge, and to enhance high quality research acumen.

The modes of cooperation will include exchanges of faculty and students for the purposes of research and teaching, development and implementation of collaborative research projects, professional development programs, and capacity-building efforts, and dissemination of findings through scholarly publications, white papers, and in the media.



## भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर Indian Institute of Technology Bhubaneswar

Media/Publication	Education Bytes		
Date	9 January 2025	Language	English
Headline	IIT Bhubaneswar, CSIR-Central Road Research Institute Sign MoU For Joint Research		
Link	<a href="https://educationbytes.in/iit-bhubaneswar-csir-central-road-research-institute-sign-mou-for-joint-research/">https://educationbytes.in/iit-bhubaneswar-csir-central-road-research-institute-sign-mou-for-joint-research/</a>		



**BHUBANESWAR:** With an objective to explore opportunities of collaboration, intellectual cooperation, scholarly exchange, and development of national partnership, the Indian Institute of Technology (IIT) Bhubaneswar and CSIR-Central Road Research Institute (CRRI), New Delhi have signed a Memorandum of Understanding (MoU) on January 8, 2025.

The MoU was signed by Prof. Dinakar Pasla, Dean (Sponsored Research and Industrial Consultancy), IIT Bhubaneswar and Prof. Manoranjan Parida, Director, CSIR-CRRI, in the presence of Prof. Shreepad Karmalkar, Director, IIT Bhubaneswar.

The MoU intends to promote collaborative research, facilitate exchange of ideas, development of new knowledge, and enhance high quality research acumen.

As part of the MoU, both parties will conduct joint research on traffic and transportation engineering, pavement engineering, road safety and other allied civil engineering areas such as geotechnical engineering and bridge engineering, etc.

The modes of cooperation will include exchanges of faculty and students for research and teaching; development and implementation of collaborative research projects, professional development programmes, and capacity-building efforts; and dissemination of findings through scholarly publications, white papers, and in the media.

“This collaboration with CSIR-CRRI will enhance the ecosystem for research in the field road construction, contributing towards strengthening the infrastructure for transportation and connectivity. The School of Infrastructure at IIT Bhubaneswar deals with academics and research in different areas of civil engineering through its eminent faculty members. IIT Bhubaneswar, as a technical knowledge provider, is looking forward to this association to foster innovation in this field,” Prof. Karmalkar said.

CSIR-CRRI Director Prof. Parida said this MoU would bring transformation in research and development activities in the areas of roads and bridges, traffic and transportation, ground improvement and geotechnical engineering, rural roads, pavement design, pavement performance and its evaluation, instrumentation, environment and road safety. “We hope this association will help Odisha create a benchmark in this domain,” he said.

Prof. Sumanta Halder, Head-School of Infrastructure, IIT Bhubaneswar; Dr. Pradeep Kumar, Chief Scientist, Head (Pavement Evaluation Division), CSIR-CRRI; Dr. Umesh Chandra Sahoo and Dr. Anush K. Chandrappa, Faculty Members, IIT Bhubaneswar were present on the occasion.



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Indian Institute of Technology Bhubaneswar

Media/Publication	The WEEK		
Date	8 January 2025	Language	English
Headline	IIT-Bhubaneswar signs agreement with CRRI for research in road engineering		
Link	<a href="https://www.theweek.in/wire-updates/business/2025/01/08/ces33-od-iit.html">https://www.theweek.in/wire-updates/business/2025/01/08/ces33-od-iit.html</a>		

Bhubaneswar, Jan 8 (PTI) IIT-Bhubaneswar signed an agreement with Central Road Research Institute (CRRI) on Wednesday for collaborative research in the field of road engineering.

The major thrust areas of research are traffic and transportation engineering, pavement engineering, road safety and other allied civil engineering areas such as geotechnical engineering and bridge engineering, officials said.

IIT-Bhubaneswar Director Shreepad Karmalkar said the collaboration with CRRI will enhance the ecosystem for research in the field of road construction, thereby contributing to strengthening the infrastructure for transportation and connectivity.

The School of Infrastructure at IIT-Bhubaneswar does research in different areas of civil engineering, he said.

CRRI Director Manoranjan Parida said, "This MoU will bring transformation in research and development activities in the areas of roads and bridges, traffic and transportation, ground improvement and geotechnical engineering, rural roads, pavement design, pavement performance and its evaluation, instrumentation, environment and road safety."

He hoped that the collaboration would also help Odisha in creating a benchmark in this domain in the future.





# भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर Indian Institute of Technology Bhubaneswar

Media/Publication	The Pioneer		
Date	8 January 2025	Language	English
Headline	IIT Bhubaneswar signs MoU with CSIR- (CRRI)		

## IIT BBS signs MoU with CSIR-CRRI

Focus on  
intellectual  
cooperation

PNS ■ BHUBANESWAR

With an objective to explore opportunities of collaboration, intellectual cooperation, scholarly exchange and development of national partnership, the Indian Institute of Technology (IIT) Bhubaneswar and the CSIR-Central Road Research Institute (CRRI), New Delhi have signed a Memorandum of Understanding (MoU) on January 8.

The pact was signed by Prof Dinakar Pasla, Dean (Sponsored Research and Industrial Consultancy), IIT Bhubaneswar, and Prof Manoranjan Parida, Director,



CSIR-CRRI, in the presence of Prof Shreepad Karmalkar, Director, IIT Bhubaneswar.

The MoU intends to promote collaborative research, facilitate the exchange of ideas, development of new knowledge, and to enhance high-quality research acumen. The major thrust areas of research on which both the parties will jointly work are Traffic and Transportation Engineering, Pavement Engineering, Road Safety and other allied Civil Engineering areas such as

Geotechnical Engineering and Bridge Engineering.

The modes of cooperation will include exchanges of faculty and students for the purposes of research and teaching; development and implementation of collaborative research projects, professional development programmes, and capacity-building efforts; and dissemination of findings through scholarly publications, whitepapers and in the media.

Prof Karmalkar said, "This

collaboration with CSIR-CRRI will enhance the ecosystem for research in the field road construction, thereby contributing towards strengthening the infrastructure for transportation and connectivity."

Prof Parida said, "This MoU between the two premier institutions of India will bring transformation in research and development activities in the areas of roads and bridges, traffic and transportation, ground improvement and geotechnical engineering, rural roads, pavement design, pavement performance and its evaluation, instrumentation, environment and road safety. We hope this association will also help Odisha in creating a benchmark in this domain in future."





Media/Publication	Around Odisha		
Date	8 January 2025	Language	English
Headline	IIT Bhubaneswar signs MoU with CSIR-Central Road Research Institute (CRRI)		

## IIT Bhubaneswar signs MoU with CSIR-Central Road Research Institute (CRRI)

Bhubaneswar, (correspondent):- With an objective to explore opportunities of collaboration, intellectual cooperation, scholarly exchange, and development of national partnership, Indian Institute of Technology (IIT) Bhubaneswar and CSIR-Central Road Research Institute (CRRI), New Delhi have signed a Memorandum of Understanding on 8th January 2025. The MoU was signed by Prof. Dinakar Pasla, Dean (Sponsored Research and Industrial Consultancy), IIT Bhubaneswar and Prof. Manoranjan Parida, Director, CSIR-CRRI, in the presence of Prof. Shreepad Karmalkar, Director, IIT Bhubaneswar. The MoU intends to promote collaborative research, facilitate the exchange of ideas, development of new knowledge, and to



enhance high quality research acumen. The major thrust areas of research on which both the parties will jointly work are Traffic and Transportation Engineering, Pavement Engineering, Road Safety and other allied Civil Engineering areas such as Geotechnical Engineering and Bridge Engineering etc. The modes of cooperation will include exchanges of faculty and students for the purposes of research and teaching; development and

implementation of collaborative research projects, professional development programs, and capacity-building efforts; and dissemination of findings through scholarly publications, white papers, and in the media. Speaking on this occasion, Prof. Karmalkar said: "This collaboration with CSIR-CRRI will enhance the ecosystem for research in the field road construction, thereby contributing towards strengthening the in-

frastructure for transportation and connectivity. The School of Infrastructure at IIT Bhubaneswar deals with academics and research in different areas of Civil Engineering through its eminent faculty members. IIT Bhubaneswar, as a technical knowledge provider, is looking forward to this association to foster innovation in this field." Director of CSIR-CRRI Prof. Parida expressed: "This MoU between

the two premier institutions of India will bring transformation in research and development activities in the areas of roads and bridges, traffic and transportation, ground improvement and geotechnical engineering, rural roads, pavement design, pavement performance and its evaluation, instrumentation, environment and road safety. We hope this association will also help Odisha in creating a benchmark in this domain in future." Among others, from Prof. Sumanta Halder, Head-School of Infrastructure, IIT Bhubaneswar; Dr. Pradeep Kumar, Chief Scientist, Head (Pavement Evaluation Division), CSIR-CRRI; Dr. Umesh Chandra Sahoo and Dr. Anush K. Chandrappa, Faculty Members, IIT Bhubaneswar were present on the occasion.



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर  
Indian Institute of Technology Bhubaneswar

Media/Publication	Telegraph		
Date	8 January 2025	Language	English
Headline	IIT Bhubaneswar signs MoU with CSIR-Central Road Research Institute (CRRI)		

## Pact for research on transport

**SUBHASHISH MOHANTY**

**Bhubaneswar:** IIT Bhubaneswar on Wednesday signed a memorandum of understanding (MoU) with the CSIR-Central Road Research Institute (CRRI) to collaborate for research in the field of traffic and transportation.

The MoU was signed by Dean (Sponsored Research and Industrial Consultancy), IIT Bhubaneswar, Prof Dinakar Pasla and Director, CSIR-CRRI, Prof Manoranjan Parida, in presence of Prof Shreepad Karmalkar, director, IIT Bhubaneswar.

The major thrust areas of research on which both the parties will jointly work are traffic and transportation engineering, pavement engineering, road safety and other allied civil engineering areas such as geotechnical engineering and bridge engineering.

The MoU intends to promote collaborative research, facilitate the exchange of ideas, development of new knowledge, and to enhance high quality research acumen.

The modes of cooperation will include exchanges of faculty and students for the purposes of research and teaching, development and implementation of collaborative research projects, professional development programs, and capacity-building efforts, and dissemination of findings through scholarly publications, white papers, and in the media.



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर  
Indian Institute of Technology Bhubaneswar

Media/Publication	Janta Se Ristha		
Date	9 January 2025	Language	Hindi
Headline	IIT-Bhubaneswar signs agreement with CRRRI for research in road engineering		
Link	<a href="https://jantaserishta.com/local/odisha/iit-bhubaneswar-signs-agreement-with-crrri-for-research-in-road-engineering-3756637">https://jantaserishta.com/local/odisha/iit-bhubaneswar-signs-agreement-with-crrri-for-research-in-road-engineering-3756637</a>		

Bhubaneswar भुवनेश्वर: आईआईटी-भुवनेश्वर ने सड़क इंजीनियरिंग के क्षेत्र में सहयोगात्मक अनुसंधान के लिए बुधवार को केंद्रीय सड़क अनुसंधान संस्थान (सीआरआरआई) के साथ एक समझौते पर हस्ताक्षर किए। अधिकारियों ने बताया कि अनुसंधान के प्रमुख क्षेत्र यातायात और परिवहन इंजीनियरिंग, फुटपाथ इंजीनियरिंग, सड़क सुरक्षा और अन्य संबद्ध सिविल इंजीनियरिंग क्षेत्र जैसे भू-तकनीकी इंजीनियरिंग और पुल इंजीनियरिंग हैं। आईआईटी-भुवनेश्वर के निदेशक श्रीपद कर्मलकर ने कहा कि सीआरआरआई के साथ सहयोग सड़क निर्माण के क्षेत्र में अनुसंधान के लिए पारिस्थितिकी तंत्र को बढ़ाएगा, जिससे परिवहन और कनेक्टिविटी के लिए बुनियादी ढांचे को मजबूत करने में योगदान मिलेगा।

उन्होंने कहा कि आईआईटी-भुवनेश्वर में स्कूल ऑफ इंफ्रास्ट्रक्चर सिविल इंजीनियरिंग के विभिन्न क्षेत्रों में अनुसंधान करता है। सीआरआरआई के निदेशक मनोरंजन परिदा ने कहा, "यह समझौता ज्ञापन सड़कों और पुलों, यातायात और परिवहन, भूमि सुधार और भू-तकनीकी इंजीनियरिंग, ग्रामीण सड़कों, फुटपाथ डिजाइन, फुटपाथ प्रदर्शन और इसके मूल्यांकन, इंस्ट्रुमेंटेशन, पर्यावरण और सड़क सुरक्षा के क्षेत्रों में अनुसंधान और विकास गतिविधियों में परिवर्तन लाएगा।" उन्होंने आशा व्यक्त की कि यह सहयोग भविष्य में ओडिशा को इस क्षेत्र में एक मानक स्थापित करने में भी मदद करेगा।



# भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर

## Indian Institute of Technology Bhubaneswar

Media/Publication	Prameya		
Date	9 January 2025	Language	Odia
Headline	MoU between IIT Bhubaneswar & CSIR-Central Road Research Institute (CRRRI)		
Link	<a href="https://www.prameyapaper.com/preview/246436/1304758/BHUBANESWAR/20250109/14">https://www.prameyapaper.com/preview/246436/1304758/BHUBANESWAR/20250109/14</a>		

### ଆଇଆଇଟି-ସିଏସ୍ଆଇଆର୍- ସିଆରଆରଆଇ ମଧ୍ୟରେ ଏମ୍ଓୟୁ



କଟକ, ୮୧ (ଆପ୍) : କଟକୀୟୁତ ଭାରତୀୟ ପ୍ରମୁଖ ପ୍ରତିଷ୍ଠାନ (ଆଇଆଇଟି) ଓ ନୂଆଦିଲ୍ଲୀ ସିଏସ୍ଆଇଆର୍- କେନ୍ଦ୍ରୀୟ ସଡ଼କ ଅନୁଧ୍ୟାନ ପ୍ରତିଷ୍ଠାନ (ସିଆରଆରଆଇ) ମଧ୍ୟରେ ବୁଝାମଣାପତ୍ର ସ୍ୱକ୍ଷରିତ ହୋଇଛି । ପାରସ୍ପରିକ ସହଯୋଗ, ବୌଦ୍ଧିକ ସହବନ୍ଧନ, ଜ୍ଞାନର ଆଦାନପ୍ରଦାନ ଓ ଜାତୀୟ ସହଭାଗିତା ବିକାଶର ସୁଯୋଗ ଅନୁଧ୍ୟାନ କରିବା ଉଦ୍ଦେଶ୍ୟରେ ଏହି ଏମ୍ଓୟୁ ହୋଇଛି । ନିର୍ଦ୍ଦେଶକ ପ୍ରଫେସର ଶ୍ରୀପଦ କରମଲ୍ଲିକରଙ୍କ ଉପସ୍ଥିତିରେ ଆଇଆଇଟି ଅନୁଧ୍ୟାନ, ଶିଳ୍ପ ପରାମର୍ଶଦାତା ତିନି ପ୍ରଫେସର ଦିନାକର ପାସ୍ବା ଓ ସିଏସ୍ଆଇଆର୍-ସିଆରଆରଆଇର ନିର୍ଦ୍ଦେଶକ ପ୍ରଫେସର ମନୋରଞ୍ଜନ ପରିଡ଼ା ଏହି ବୁଝାମଣା ପତ୍ରରେ ସ୍ୱାକ୍ଷର କରିଥିଲେ । ସହଯୋଗରେ ଅନୁଧ୍ୟାନକୁ ପ୍ରୋତ୍ସାହିତ କରିବା, ନୂତନ ଚିନ୍ତାଧାରା ବିନିମୟକୁ ସହଜ କରିବା, ନୂତନ ଜ୍ଞାନର ବିକାଶ ଓ ଉଚ୍ଚମାନର ଅନୁଧ୍ୟାନର ବୃଦ୍ଧି ତଥା ବିକାଶ କରିବା ଏହି ବୁଝାମଣା ପତ୍ରର ମୁଖ୍ୟ ଉଦ୍ଦେଶ୍ୟ । ଏହି ଅବସରରେ ଆଇଆଇଟି

ନିର୍ଦ୍ଦେଶକ ପ୍ରଫେସର କରମଲ୍ଲିକର କହିଥିଲେ, ଏହାଦ୍ୱାରା ସଡ଼କ ନିର୍ମାଣରେ ଗବେଷଣା ପାଇଁ ଇକୋ ସିଷ୍ଟମକୁ ସମୃଦ୍ଧ କରିବ । ଯହାଦ୍ୱାରା ପରିବହନ ଓ ସଂଯୋଗ ପାଇଁ ଭିତ୍ତିଭୂମି ମଜବୁତ କରିବାରେ ସହାୟକ ହେବ । ବୈଷୟିକ ଜ୍ଞାନ ପ୍ରଦାନକାରୀ ଆଇଆଇଟି ସହବନ୍ଧନ ମାଧ୍ୟମରେ ଏହି କ୍ଷେତ୍ରରେ ନୂତନତ୍ୱ ସୃଷ୍ଟି କରିବା ଲକ୍ଷ୍ୟ ରଖୁଛି । ସିଏସ୍ଆଇଆର୍-ସିଆରଆରଆଇର ନିର୍ଦ୍ଦେଶକ ପ୍ରଫେସର ପରିଡ଼ା କହିଥିଲେ, ଭାରତର ଦୃଢ଼ ପ୍ରମୁଖ ପ୍ରତିଷ୍ଠାନ ମଧ୍ୟରେ ଏମ୍ଓୟୁ ଦ୍ୱାରା ସଡ଼କ, ବ୍ରିଜ୍, ଗ୍ରୀଫିକ, ପରିବହନ, ଭୂପାଞ୍ଚିକ ଜଞ୍ଜିନିଓରି, ଗ୍ରାମାଣ ସଡ଼କ, ଦୂରପାଥ କ୍ଷେତ୍ରରେ ଗବେଷଣା ତଥା ବିଚାର କାର୍ଯ୍ୟକଳାପରେ ପରିବର୍ତ୍ତନ ଆଣିବା ସହ ପେଉମେଣ୍ଟ ତଥା ଏହାର ମୂଲ୍ୟାଙ୍କନ, ପାଞ୍ଚିକରଣ, ପରିବେଶ ଓ ସଡ଼କ ସୁରକ୍ଷା କ୍ଷେତ୍ରରେ ନବୀକାର ଦିଗରେ ଏକ ମାନଦଣ୍ଡ ସୃଷ୍ଟି କରିବାରେ ଏହି ସହବନ୍ଧନ ଓଡ଼ିଶାକୁ ମଧ୍ୟ ସାହାଯ୍ୟ କରିବ । ଏଥିରେ ଉଭୟ ପ୍ରତିଷ୍ଠାନର ଗବେଷକ, ବୈଜ୍ଞାନିକ ଉପସ୍ଥିତ ରହିଥିଲେ ।









Media/Publication	Suryaprava		
Date	9 January 2025	Language	Odia
Headline	MoU sign between IIT Bhubaneswar & CSIR-Central Road Research Institute (CRRI)		

## ଆଇଆଇଟି ଓ ସିଆରଆରଆଇ ମଧ୍ୟରେ ବୁଝାମଣାପତ୍ର ସ୍ୱାକ୍ଷରିତ

॥ ପ୍ରଭାନ୍ୟଜ୍ ॥ ଜଟଣୀ, ୯।୧ : ପାରସ୍ପରିକ ସହଯୋଗ, ବୌଦ୍ଧିକ ସହବନ୍ଧନ, ଜ୍ଞାନର ଆଦାନ ପ୍ରଦାନ ଓ ଜାତୀୟ ସହଭାଗିତାର ବିକାଶର ସୁଯୋଗ ଅନୁସନ୍ଧାନ କରିବା ଉଦ୍ଦେଶ୍ୟରେ ଭାରତୀୟ ପ୍ରଯୁକ୍ତି ପ୍ରତିଷ୍ଠାନ ଓ ସିଏସଆଇଆର-କେନ୍ଦ୍ରୀୟ ସଡ଼କ ଅନୁସନ୍ଧାନ ପ୍ରତିଷ୍ଠାନ ନୂଆଦିଲ୍ଲୀ ମଧ୍ୟରେ ଏକ ବୁଝାମଣାପତ୍ର ସ୍ୱାକ୍ଷରିତ ହୋଇଛି । ଆଇଆଇଟି ଭୁବନେଶ୍ୱରର ଡିନ୍ (ପ୍ରାୟୋଗିକ ଅନୁସନ୍ଧାନ ଏବଂ ଶିକ୍ଷା ପରାମର୍ଶଦାତା) ପ୍ରଫେସର ଦିନାକର ପାସଲା ଏବଂ ସିଏସଆଇଆର-ସିଆରଆରଆଇର ନିର୍ଦ୍ଦେଶକ ପ୍ରଫେସର ମନୋରଞ୍ଜନ ପରିଡ଼ାଙ୍କ ଏହି ବୁଝାମଣାପତ୍ର ସ୍ୱାକ୍ଷର କରିଥିଲେ । ଏହି ଅବସରରେ ଆଇଆଇଟି ଭୁବନେଶ୍ୱରର ନିର୍ଦ୍ଦେଶକ ପ୍ରଫେସର ଶ୍ରୀପଦ୍ମ କରମଲକର ଉପସ୍ଥିତ ଥିଲେ । ସହଯୋଗୀ ଅନୁସନ୍ଧାନକୁ ପ୍ରୋତ୍ସାହିତ କରିବା, ନୂତନ ଚିନ୍ତାଧାରା ବିନିମୟକୁ ସହଜ କରିବା, ନୂତନ ଜ୍ଞାନର ବିକାଶ ଓ ଉଚ୍ଚମାନର ଅନୁସନ୍ଧାନକୁ ବୃଦ୍ଧି କରିବାକୁ ଏହି ବୁଝାମଣାପତ୍ରର ମୁଖ୍ୟ ଉଦ୍ଦେଶ୍ୟ । ଏହି ଅବସରରେ ଅନ୍ୟମାନଙ୍କ ମଧ୍ୟରେ ପ୍ରଫେସର ସୁମନ୍ତ ହାଲଦାର ହେଡ଼-ସ୍କୁଲ ଅଫ୍ ଇନଫ୍ରାଷ୍ଟ୍ରକ୍ଚର, ଆଇଆଇଟି ଭୁବନେଶ୍ୱର ଡକ୍ଟର ପ୍ରଦୀପ କୁମାର, ମୁଖ୍ୟ ବୈଜ୍ଞାନିକ-ମୁଖ୍ୟ ସିଏସଆଇଆର-ସିଆରଆରଆଇ; ଆଇଆଇଟି ଭୁବନେଶ୍ୱରର ଅଧ୍ୟାପକ ଡକ୍ଟର ଉମେଶ ଚନ୍ଦ୍ର ସାହୁ ଏବଂ ଡକ୍ଟର ଅନୁଷ୍ଠ କେ. ଚନ୍ଦ୍ରସା ଉପସ୍ଥିତ ଥିଲେ ।