

A.I. TOOLS AND APPLICATIONS

IN COLLABORATION WITH BPUT



EMPOWERING THE FUTURE WITH A.I.

29th March 2025

www.aitasummit.com

MESSAGE FROM VICE CHANCELLOR

BIJU PATTNAIK UNIVERSITY OF TECHNOLOGY

PROF. AMIYA KUMAR RATH



Prof. Amiya Kumar Rath assumed the esteemed position of Vice Chancellor at the Biju Patnaik University of Technology, Odisha, in April 2023. With an impressive career spanning several prestigious roles, he brings a wealth of experience and expertise to his current leadership role.

Prof. Rath has made remarkable contributions as an acclaimed educationist, researcher, author, mentor, and a versatile multilingual individual. Prior to his appointment as Vice Chancellor, Prof. Rath served as the Adviser (ICT) at the National Assessment and Accreditation Council (NAAC), Bangalore, India, for an esteemed tenure of nearly four years and four months. Additionally, he held the position of Professor of Computer Science and Engineering at Veer Surendra Sai University of Technology (VSSUT), Burla.

He completed his graduate studies in Computer Engineering, earning a master's degree (M.Tech) and a doctorate degree in the same field of specialization. He further augmented his expertise by obtaining an MBA degree in Systems Management. Possessing exceptional proficiency in computer engineering, Prof. Rath has demonstrated his commitment to both teaching and administration over

a distinguished career spanning more than three decades. His extensive experience encompasses teaching engineering courses at both college and university levels, employing a diverse range of teaching methodologies. With a blend of creativity, critical thinking, and strong presentation and communication skills, he effectively delivers course material to foster student engagement and comprehension. Prof. Rath's remarkable multitasking abilities enable him to balance teaching responsibilities with administrative duties, showcasing his passion for academic excellence.

Throughout his illustrious career, Prof. Rath has held numerous academic and administrative positions, leaving an indelible mark on esteemed educational institutions across India. His academic contributions have been widely recognized by governmental and private bodies, underscoring his profound impact on the field of education.

As a testament to his expertise, Prof. Rath has served on approximately 100 National and 50 International conference and workshop program committees. Moreover, he has assumed the esteemed position of Program Chair for 15 highly acclaimed International conferences. Additionally, he has actively contributed to the Executive Committee, Boards, and Steering Committees of reputed government and private bodies.

Prof. Rath's scholarly accomplishments are truly commendable. He has authored more than 150 research papers in esteemed peer-reviewed journals and conferences at both national and international levels. His expertise has guided and mentored 15 doctoral scholars, who successfully obtained their Ph.D. degrees under his supervision. Furthermore, Prof. Rath has supervised 40 scholars who completed their M.Tech degrees. His research prowess extends beyond publications, as he has authored nine books published by renowned publishers. These books have gained wide recognition, adorning the shelves of leading academic libraries and selling in thousands of copies.

In pursuit of professional development, Prof. Rath has actively participated in over 50 International conferences, enriching his knowledge and expertise in cutting-edge research and global perspectives. He has attended conferences in prominent locations such as Singapore, Bangkok, Indonesia, the United States, and Europe, further expanding his horizons and fostering International collaborations.

Prof. Rath's significant contributions to academia and research have earned him prestigious accolades. He has been honoured with four distinguished awards, acknowledging his invaluable impact in his field. Furthermore, his expertise and insights have been sought after by the National Assessment and Accreditation Council (NAAC), where he has served as a peer team member. Through his visits to over 50 higher education institutions across the country, Prof. Rath has contributed to the evaluation of educational quality and relevance, playing a vital role in shaping the knowledge economy.

With a steadfast commitment to continuous improvement, Prof. Amiya Kumar Rath's visionary leadership and expertise are set to propel Biju Patnaik University of Technology, Rourkela, Odisha, to new heights as Vice Chancellor.



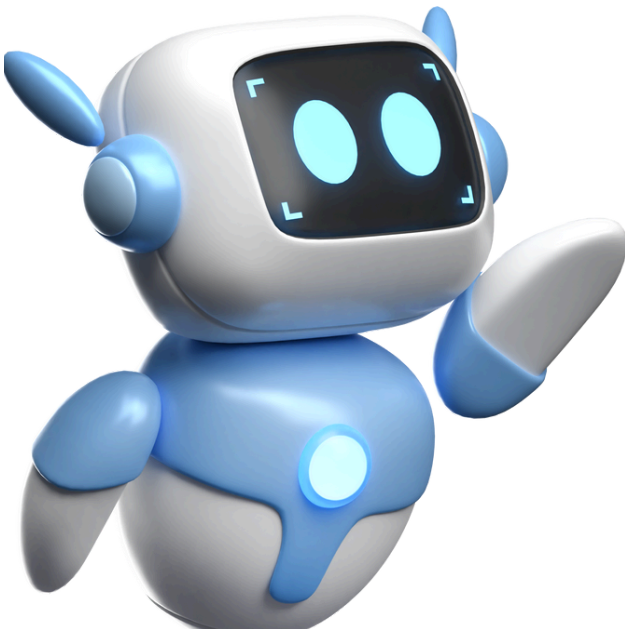
www.aitasummit.com
aitoolsandapplications@gmail.com
+91 7735125202

INTRODUCTION

MISSION

EMPOWERING THE FUTURE WITH A.I.

The mission of this workshop is to empower professionals, academicians, and beginners with practical knowledge of AI-powered tools and applications that can enhance productivity, creativity, and efficiency in daily tasks. We aim to bridge the gap between AI technology and real-world applications, making AI accessible and easy to use for individuals from diverse backgrounds – without requiring programming or research expertise.



VISION

AI FOR EVERYONE – SIMPLE, SMART, IMPACTFUL.

Our vision is to create a future where AI is seamlessly integrated into everyday work, helping professionals across various fields harness its potential to simplify tasks, boost innovation, and drive success. We aspire to build an AI-literate community that confidently uses AI tools to improve workflows, enhance decision-making, and unlock new opportunities across industries.





SPEAKER PROFILE #1

JUBANASHWA MISHRA

FOUNDER, PAPERBOAT LABS GAME

Mr. Jubanashwa Mishra will showcase AI-driven image generation using XYZ software and AI-powered video creation on Filmora. As a game developer, he brings expertise in these tools and their applications. He will also discuss intellectual property (IP) concerns related to AI-generated images and videos.

In addition to his technical expertise, Mr. Jubanashwa Mishra will explore the broader impact of AI on the gaming and media industries. He will discuss how AI is transforming content creation, user engagement, and monetization strategies, particularly in hyper-casual gaming.

Connect jubanashwa.mishra@gmail.com
 +91-7750842261

SPEAKER PROFILE #2

GOPINATH PALAI

PHD & POST. DOC.

Prof. Gopinath Palai will demonstrate the use of AI-driven research tools that enhance literature discovery and organization. He will showcase Semantic Scholar for academic search and citation mapping, ResearchRabbit for intuitive research tracking, Iris.ai for topic-based paper extraction, and Connected Papers for visualizing academic networks.



These tools streamline the research process, making information retrieval and analysis more efficient. A distinguished Professor of Electronics and Communication Engineering at Sri Sri University, Cuttack, Dr. Palai specializes in integrated circuits, computing, and machine learning. An IIT Kharagpur and Singapore Institute of Technology alumnus, he holds an M.Tech in Electronic Computing, a PhD in Photonic Computing, and a postdoctoral fellowship in Quantum Computing.

Connect gpalai28@gmail.com
 +91 9439045946





SPEAKER PROFILE #3

ASWINI KUMAR PALO

AVP, DATA AND ANALYTICS

Ashwin Palo is a seasoned digital marketing expert with experience at Google, HSBC, and Webenza, working with brands like Amazon, Thoughtworks, and Exide Life Insurance. As a Visiting Faculty at the Indian Institute of Product Leadership, he has trained over 250,000 professionals through Growth School

workshops, sharing insights on performance marketing and data-driven strategy. A prolific researcher, he has published three research papers on Digital Ad Fraud prevention and over 200 blog posts on Medium. Having managed \$500 million in ad spend, generating \$2 billion in revenue, he has pioneered multi-touch attribution models that transform marketing measurement and optimization.

Connect www.linkedin.com/in/ashwin-palo-55a6a123
www.medium.com/@ashwinpalo

SPEAKER PROFILE #4

SURYANSHU PANIGRAHY

AI & TECH INNOVATOR

Suryanshu Panigrahy, founder of Logic Edge, is a tech entrepreneur specializing in AI-driven development, web solutions, and resource planning. With expertise in C, Python, Java, HTML, CSS, and JavaScript, he has actively contributed to AI improvement seminars and participated in global events like the AI & Environment Summit.



His work focuses on integrating AI to enhance efficiency, reduce costs, and streamline complex digital processes. In this session, he will demonstrate how AI simplifies wireframe creation, website development, and R&D reporting for businesses across industries. He will explore cost-effective AI-powered modules, discuss AI's impact on large-scale projects like Zomato and weather forecasting, and address the ethical considerations of AI integration in various sectors.

Connect info.suryanshu@gmail.com
+91 7788060261



www.aitasummit.com
aitoolsandapplications@gmail.com
+91 7735125202



SPEAKER PROFILE #5

SAKSHAM JAIN

ENTREPRENEUR & AI-DRIVEN
MEDIA INNOVATOR

Saksham Jain, an entrepreneur and business strategist, explores the role of AI in media and business management, focusing on AI-driven content creation, music generation, and social media strategies. His session will showcase how AI tools revolutionize media workflows, automate content production, and

enhance engagement strategies, making complex tasks more efficient and cost-effective. By integrating AI-powered solutions, businesses can streamline content management, optimize brand positioning, and improve audience interaction. With experience across clothing, tourism, and technology, Saksham has successfully built and scaled ventures by leveraging AI and automation.

Connect sakshamjain.connect@gmail.com
 +91 7978902602

SPEAKER PROFILE #6

SATYAPRAKASH SAHOO

AI-POWERED CHATBOTS AND
VIRTUAL ASSISTANTS

Satyaprakash, an AI/ML expert specializing in Generative AI and LLMs, is an LLM Developer at Turing, where he builds intelligent chatbots and virtual assistants to enhance user engagement and enterprise efficiency. With nearly two years of research and hands-on experience, he has contributed to advancements in conversational AI, natural



language understanding (NLU), and AI-driven automation tools, making chatbots more adaptive and context-aware for real-world applications. In this session, he will showcase case studies and live demonstrations on AI-powered chatbots, highlighting their impact across industries like healthcare, finance, education, and customer service. He will provide practical insights on integrating AI assistants into business operations and academic environments

Connect satyaprakash.me612@gmail.com
 +91 8260279445



www.aitasummit.com
aitoolsandapplications@gmail.com
+91 7735125202



SPEAKER PROFILE #7

ADESH MAHAPATRA

GLOBAL STRATEGY & DIGITAL STRATEGIST

My passion for data-driven strategies and performance marketing has shaped my journey, from consulting for industry leaders like Google, Amazon, and DEX to managing global digital strategies for brands like Adidas, HUGO Boss, and Chevrolet. As a Strategy Account Manager at Rithum, I navigate the

complexities of global e-commerce, optimizing multi-million-dollar ad spends and leveraging consumer insights, analytics, and growth strategies to help businesses scale and dominate their markets. Beyond my corporate career, I have embraced entrepreneurship, founding Fuzom: The Unbeatables, a platform that personalizes food discovery beyond traditional delivery models. My vision extends beyond building businesses—I aim to empower others to turn ideas into reality. With AI and no-code tools, anyone can create impactful digital ventures without technical barriers,

SPEAKER PROFILE #8

ROHIT GARABADU

ARCHITECT AND INTERIOR DESIGNER

Rohit Garabadu, Principal Designer at Studio Local, blends technical expertise with creative vision to shape functional, context-driven spaces. A Manipal University graduate with a Master's from CEPT University, he has worked with prestigious firms like Vastushilpa Consultants and Stapati Bangalore, contributing to major projects for



Google and HSBC. As a visiting faculty at Piloo Mody College of Architecture, he shares industry insights, inspiring the next generation of architects. At Studio Local, he seamlessly integrates AI tools like Midjourney, DALL-E, and Stable Diffusion to enhance the design process, enabling faster iterations and broader spatial exploration. He also utilizes Claude and Napkin.AI for refining project specifications, ensuring a seamless blend of technology and creativity.

Connect rohit.garabadu94@gmail.com
 +91 8861926487



www.aitasummit.com
aitoolsandapplications@gmail.com
+91 7735125202



SPEAKER PROFILE #9

DEBANANDA KANHAR

EDUCATOR | DATA SCIENTIST | AI
RESEARCHER

Mr. Debananda Kanhar, an educator, data scientist, and AI researcher, brings over 17 years of experience in academia and industry. His expertise lies in AI-driven automation, data analysis, and decision-making, with a focus on Large Language Models (LLMs) and Agentic AI. Passionate about bridging the gap between AI

research and real-world applications, he develops solutions that enhance education, business operations, and technological innovation. he will explore the transformative role of AI across industries, showcasing how AI-powered tools streamline research, automate data analysis, and improve customer engagement. Through AI-driven chatbots, virtual assistants, and automation systems, he will demonstrate how businesses and academic institutions can leverage AI for efficiency, innovation, and enhanced user experiences.

Connect devanand.kanhar@gmail.com
+91 8249090212

SPEAKER PROFILE #10

BHAWANI

CLOUD & IOT EXPERT

Bhawani, Associate Director at VVDN Technologies, specializes in cloud solutions, AI-driven analytics, and IoT automation. With an M.Tech in Embedded Systems and a Ph.D. in IoT and Cloud Computing, he has contributed to real-time analytics, Kubernetes orchestration, and the Intelligent Cloud Engine (ICE) for enterprise scalability.



In this session, he will demonstrate AI's role in industrial applications, showcasing how AI-powered automation transforms customer support and real-time dashboard generation. By leveraging AI insights, businesses can improve engagement, automate support interactions, and generate dynamic dashboards based on real-time data. His presentation will highlight how AI-driven cloud and IoT solutions are reshaping industries, enhancing efficiency, and driving proactive business strategies.





SPEAKER PROFILE #11

ARYA VEDABRATA

CO-FOUNDER & CEO, BYTEIQ
ANALYTICS

Arya Vedabrata, Co-Founder & CEO of ByteIQ Analytics and Co-Founder & Head of Data Science at MindGraph Technologies, is a visionary leader in data science and AI-driven analytics. With over two decades of experience, he has held leadership roles at Qualcomm, JPMorgan Chase, DBS Bank, and Goldman Sachs,

building high-impact analytics teams and developing scalable, business-centric AI solutions. His expertise spans machine learning, AI-driven decision-making, and data product engineering, helping organizations maximize their data potential. As an entrepreneur, Arya is dedicated to co-innovating AI-driven products and frameworks, working across banking, IoT, retail, microfinance, and insurance. He also contributes to academia as an Industry Expert at NIST University and Birla Global University, shaping industry-focused curricula for future data professionals. A holder of multiple U.S. patents, he continues to push the boundaries of data science innovation, bridging the gap between research and real-world applications.

SPEAKER PROFILE #12

SAKIRA BEGUM

FOUNDER & CHAIRPERSON, KOTA
PIONEERS & PIIE

With a Master's degree in Biotechnology and over seven years of teaching experience, Sakira Begum is dedicated to revolutionizing education through innovative learning methods. Her journey began with four years in biodiversity research at NIT Rourkela, where she contributed to environmental

sustainability studies. Transitioning into education, she emphasizes concept-driven learning, critical thinking, and real-world applications. As the Founder of Kota Pioneers and PIIE, she is committed to bridging the gap between traditional and modern education. She integrates AI tools to enhance learning, streamline academic processes, and reduce cognitive load for students and staff.

Connect sakira.bioscience@gmail.com
 +91 8917262311



www.aitasummit.com
aitoolsandapplications@gmail.com
+91 7735125202

PARTNER PROFILE #1



Established in 2009, the Nigam Institute of Engineering and Technology (NIET) in Cuttack has been a beacon of quality education, shaping the future of aspiring engineers and technologists. A proud initiative under the Nigamananda Integral Educational Trust, NIET stands out as a center of academic excellence, combining state-of-the-art infrastructure with a highly qualified faculty dedicated to nurturing talent. NIET envisions a future where students are not only well-versed in engineering principles but also emerge as leaders, innovators, and responsible global citizens. The institution is committed to promoting multidisciplinary learning to tackle challenges, cultivating a culture of creativity and innovation.

NIET has been recognized for its contributions to education, environment, and academic excellence. Some notable achievements include:

- Chairman Sj. Manoj Ranjan Samantaray received prestigious awards from Honorable Governor Sj. M. Bhandare and Odisha Chief Minister Sj. Naveen Patnaik for contributions to education and environmental sustainability.
- Awarded the "Prakruti Mitra" title by Honourable Minister Sj. Bijayshree Rout (2013) for exceptional environmental efforts.
- Recognized by the Forest & Environment Department, Government of Odisha on World Forestry Day (2020) for afforestation initiatives.
- Engg. Subham Pankaj Samantaray, Director of NIET, upheld BPUT affiliation standards in the 2022 meeting.
- Mrs. Susmita Bhuyan, Director-Cum-Managing Trustee, was honored with a Certificate of Appreciation by Honorable Governor Prof. Ganeshilal (2019) for contributions to education and environmental causes.

Advocacy & Legal Interventions

NIET has actively influenced engineering education policies in Odisha:

- Successfully petitioned the Orissa High Court, leading to a directive for the government to fill vacant engineering seats, including 20% lateral entry admissions.
- Advocated for the Odisha Joint Entrance Examination (OJEE) as Secretary of the Odisha Technical College Association, ensuring fair admission standards.
- Secured a Second OJEE (July 31st) through a High Court appeal, benefiting B.Tech, MBA, and MCA aspirants seeking lateral entry into engineering colleges.

A Legacy of Excellence

NIET is more than an institution; it is a catalyst for change in Odisha's engineering education landscape. Through academic rigor, student empowerment, and policy advocacy, NIET continues to shape the future of technical education in the state and beyond.



VEDANG INSTITUTE OF TECHNOLOGY



Vedang Institute of Technology, a premier engineering and technology institution in Bhubaneswar, Odisha, is committed to academic excellence, research-driven education, and skill-based learning. Established to nurture future-ready engineers and innovators, Vedang provides a dynamic learning environment that blends technical expertise with hands-on experience.

With a 50-acre modern campus, the institute boasts state-of-the-art infrastructure, well-equipped laboratories, and an advanced research ecosystem. Vedang offers B.Tech and Diploma programs in Computer Science, Electronics & Telecommunication, Mechanical

Engineering, Civil Engineering, and Electrical & Electronics Engineering, ensuring students gain cutting-edge knowledge and practical exposure.

- Vedang Institute is not just an academic institution—it is a hub of innovation and industry collaboration. By partnering with top organizations, Vedang ensures that its students engage with real-world challenges, preparing them for global careers in engineering, technology, and beyond. The institute fosters a holistic approach to education, integrating research, AI-driven learning, and industry mentorship to develop problem-solvers and future leaders.
- As a proud partner of the AI Tools & Applications Summit, Vedang Institute is committed to advancing AI education and its practical applications. AI is no longer a futuristic concept—it is reshaping industries, redefining education, and empowering professionals with intelligent tools.
- Vedang Institute is preparing its students and faculty for a world where technology, automation, and intelligent systems play a pivotal role. This partnership with the AI Tools & Applications Summit is a step toward creating an AI-ready academic community, empowering educators and industry professionals to thrive in an AI-powered world.
- Website: www.vedang.in

INDOTECH COLLEGE OF ENGINEERING BHUBANESWAR



Indotech College of Engineering (ICE), located in Malipada, Bhubaneswar, Odisha, is a premier institution offering quality education in engineering. Approved by AICTE, New Delhi and affiliated with BPUT and SCTE&VT, Odisha. ICE currently offers a range of undergraduate and diploma programs designed to equip students with the necessary skills for a successful engineering career.

Why Choose Indotech College of Engineering?

ICE is committed to academic excellence, industry-aligned curriculum, and holistic student development. The institution fosters a nurturing environment where students and faculty share a strong bond. With a focus on industry readiness, ICE integrates practical training with theoretical knowledge.



Courses Offered:

Bachelor of Technology (B. Tech):

- Computer Science & Engineering
- Electrical & Electronics Engineering
- Civil Engineering
- Electrical Engineering
- Mechanical Engineering

Diploma Programs:

- Civil Engineering
- Mechanical Engineering
- Electrical Engineering

Post Graduate Programs (M.Tech & MBA)*:

- M.Tech in Industrial Safety & Engineering
- M.Tech in Environmental Engineering & Management
- MBA(General)
- MBA in Industrial Safety & Environmental Management

**Awaiting AICTE Approval.



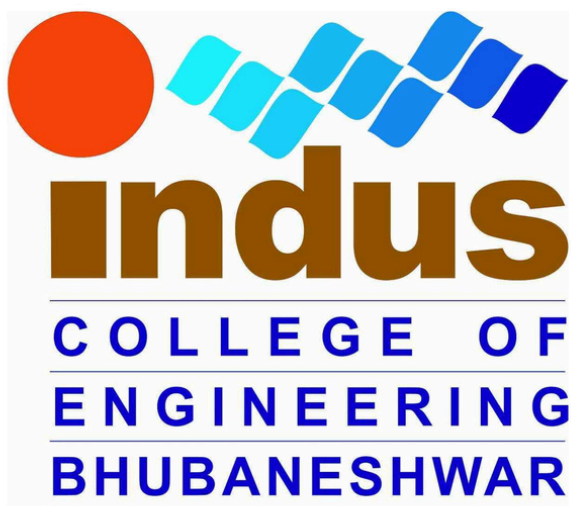
Website: www.indotech.ac.in

Email: indotechengg@gmail.com

Phone: 0674-2551808



INDUS COLLEGE OF ENGINEERING BHUBANESWAR



Indus College of Engineering (ICE), established in 2007 in Bhubaneswar, Odisha, is a premier institution committed to academic excellence, technical skill development, and research-driven learning. Approved by the All India Council for Technical Education (AICTE) and affiliated with Biju Patnaik University of Technology (BPUT), Odisha, ICE offers B.Tech and Diploma programs in Computer Science & Engineering, Electrical & Electronics Engineering, Civil Engineering, Electrical Engineering, and Mechanical Engineering. With a modern infrastructure, advanced research labs, and a highly qualified faculty, the institute provides students with an education that combines strong theoretical

foundations with hands-on industry experience. The institution places great emphasis on practical learning, project-based education, and exposure to the latest technological advancements, preparing students for challenging careers in engineering and technology.

- As part of its progressive vision, Indus College of Engineering is actively working towards bridging the gap between traditional engineering education and emerging technologies like Artificial Intelligence (AI). The college is committed to enhancing its curriculum with AI-based learning modules, fostering AI-driven research, and encouraging students to explore AI applications across multiple disciplines. Through strategic collaborations with industry experts, hands-on training sessions, and real-world AI projects, ICE ensures that its students remain at the forefront of innovation and technological transformation.
- In alignment with its commitment to AI education, Indus College of Engineering is a proud partner of the AI Tools & Applications Summit. This partnership reflects ICE's dedication to empowering faculty and students with practical AI knowledge and providing cutting-edge AI resources. The summit serves as a platform to equip academicians, professionals, and researchers with AI-driven tools that enhance education, research, and business operations. By participating in this initiative, ICE is furthering its mission to create an AI-ready workforce, enhance digital literacy, and integrate AI into everyday academic and professional applications.
- Website: www.indus.ac.in



PARTNER PROFILE #5

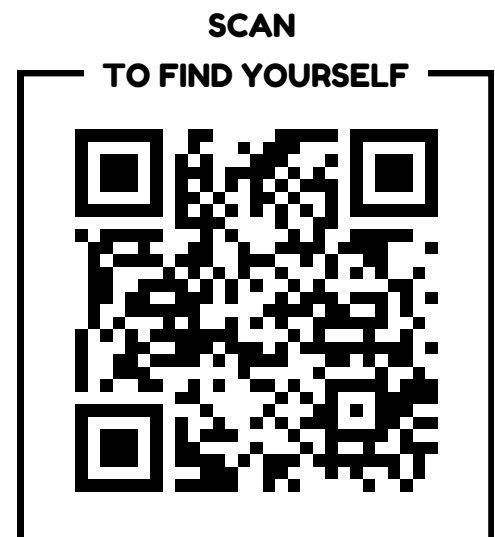
LOGIC EDGE



Logic Edge is a forward-thinking tech startup dedicated to transforming the digital landscape through cutting-edge web development, AI-powered solutions, digital marketing, SEO, and YouTube services. With a strong emphasis on innovation and creativity, Logic Edge bridges the gap between technology and business, offering tailored solutions that help brands establish a strong online presence and stay ahead in a tech-driven world.

Founded with a vision to simplify complex processes using AI-driven tools, Logic Edge has successfully led projects in web development, resource planning, and AI integration.

-
- At Logic Edge, we believe in the power of Artificial Intelligence (AI) to revolutionize businesses and education. Our AI-driven initiatives focus on:
AI for Business & Marketing – Automating workflows, optimizing marketing strategies, and enhancing engagement through AI-powered insights.
AI for Education – Equipping academicians and professionals with AI tools to enhance teaching, research, and institutional efficiency.
AI-Enhanced Web Development – Creating intelligent, adaptive, and future-ready digital platforms.
 - As a contributor to the AI Tools & Applications Summit, Logic Edge is actively involved in spreading AI awareness and training academicians, industry professionals, and students. We firmly believe that AI is not just a tool for big tech companies but a powerful asset for every industry. Through workshops, hands-on training, and AI-driven educational initiatives, we are making AI more accessible and applicable in real-world scenarios.
 - Connect @logicedge.connect
 logicedgeconnect.com
 +91 7788060261 / 7978902602
 logicedge.connect@gmail.com



PARTNERS



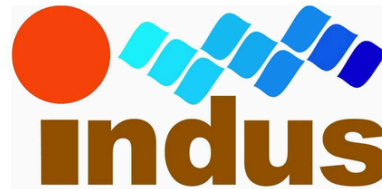
NIGAM INSTITUTE OF
ENGINEERING AND
TECHNOLOGY



VEDANG INSTITUTE OF
TECHNOLOGY



INDOTECH COLLEGE
OF ENGINEERING
BHUBANESWAR



INDUS COLLEGE OF
ENGINEERING
BHUBANESWAR

INDUSTRIAL PARTNER



LOGIC EDGE
(ctrl+shift+create)

LOGIC EDGE
ctrl + shift + create



www.aitasummit.com
aitoolsandapplications@gmail.com
+91 7735125202



ARTIFICIAL INTELLIGENCE TOOLS AND APPLICATIONS

 +91 7735125202

 www.aitasummit.com

 aitoolsandapplications@gmail.com

 @aita_summit