



NIGAM INSTITUTE OF ENGINEERING & TECHNOLOGY

Approved By AICTE, New Delhi, Affiliated To BPUT ODISHA, Recognised by UGC

CAMPUS

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WELCOME MESSAGE



Manoj Ranjan Samantaray chairman

As Chairman, I am delighted to welcome each of you to a new academic year. Our institute is not just a place of learning but a community where passion, dedication, and innovation converge. Students, you are the driving force of our institution—embrace the opportunities ahead. Parents, guardians, and stakeholders, your trust is our greatest asset. Let's embark on this journey together, fostering a spirit of collaboration, innovation, and excellence. Here's to a year of growth, achievement, and shared success.

Welcome to Nigam Institute of Engineering and Technology, where a culture of innovation and education flourishes! To all our students, faculty, staff, and esteemed guests, a hearty welcome awaits you. At Nigam Institute, we are committed to providing a dynamic learning environment that cultivates creativity, critical thinking, and technical prowess. Our cutting-edge facilities, experienced faculty, and forward-thinking curriculum are geared towards equipping you with the skills necessary to thrive in the ever-evolving landscape of engineering. As you embark on this exciting journey, we invite you to be a part of our vibrant community, fostering collaboration, curiosity, and achievement. Whether you're a new student, a returning faculty member, or a visitor, you are an integral part of our Nigam family. Here's to a fulfilling and inspiring academic experience at Nigam Institute of Engineering and Technology!





ABOUT **NIET**

Established in 2009, the Nigam Institute of Engineering and Technology in Cuttack stands as a testament to the commitment to excellence in education. It is a proud initiative under the Nigamananda Integral Educational Trust, providing a conducive environment for learning. The institute amalgamates cutting-edge infrastructure with a dedicated team of well-associated members, making it a premier centre for education

Offering a range of undergraduate and postgraduate courses in engineering and technology, the Nigam Institute of Engineering and Technology is a hub for aspiring engineers. The institute boasts state-of-the-art laboratories and workshops, equipped with the latest tools and technology to provide hands-on experience to students. The faculty at the institute comprises experienced professionals and experts in their respective fields, who are committed to providing quality education to students.

At Nigam Institute, students benefit from a dynamic learning atmosphere that nurtures their potential and hone their skills. The institute's commitment to providing quality education is evident in its approach to holistic development. As students embark on their educational journey here, they find themselves in a supportive community, driven by a shared vision of excellence. Nigam Institute of Engineering and Technology is not just an institution; it is a platform where knowledge meets opportunity, preparing students for success in the ever-evolving world of engineering and technology.

Nigam Institute is a result of collaborative efforts from individuals who are highly coordinated and visionary, representing various academic disciplines. The institute's serene and well-equipped campus sets the stage for a holistic educational experience. The meticulously designed facilities, coupled with experienced and qualified faculty, create an environment that not only fosters academic growth but also encourages overall development.



DEPARTMENTS

B. Tech. (4 years Programme)

- Automobile Engineering
- Civil Engineering
- Computer Science & Engineering
- Electrical Engineering
- Electrical & Electronics Engineering
- Electronics & Telecommunication Engineering
- Mechanical Engineering
- Metallurgical Engineering





DEPARTMENTS

M-Tech. (2 years Programme)

- Thermal Engineering (Mechanical)
- Power Electronics & Drives (Electrical, EEE & ETC)

Diploma (3 years Programme)

- Civil Engineering
- Electrical Engineering
- Mechanical Engineering
- Metallurgical Engineering
- Artificial Intelligence and Machine learning (Computer Science)

Vocational Courses (B VOC)

- Software Development
- Autotronics
- · Refrigeration & Air conditioning





About

Establishedin 2009, Nigam Institute of Engineering and Technology (NIET) stands as a testament to excellence in educationand innovation. Under the aegis of the Nigamananda Integral Educational Trust, NIET has rapidlyemerged as a premier centerfor learning, blending cutting-edge infrastructure with a dedicated team of facultymembers. Our missionis to create and develop engineers of world standard, equipped with the knowledge, skills, and competencies necessary to excel in the rapidlyevolving technological landscape.



What sets NIET apart is our deep commitment to preserving and promoting our rich culture i.e our Odia Asmita. We believe that true education goes beyond technical knowledge; it encompasses a holistic approach that integrates cultural values into the fabric of our teaching. At every step, we strive to instill a sense of pride and identity in our students, ensuring that they not only become world-class engineers but also responsible citizens deeply connected to their roots.



Vision

At NIET, our vision is to providestudents with a comprehensive understanding of engineering principles and practices. We aim to cultivate a culture of creativity and innovation, fostering multidisciplinary interaction to address complexchallenges and drive technological advancement. We focus on the all-round holistic development of our students, ensuring graduates who excel as engineers on a global scale while also embracing their responsibilities as citizens with a strong connection to their cultural heritage.

Location

Situated in the culturally rich and vibrant state of Odisha, NIET offers an idyllic campus setting that is both serene and conducive to academic pursuits. Our location provides easy access to major transportation links, making it convenient for students and visitors alike. NIET is one of the most scenic campuses in Odisha capturing the raw beauty of nature in all its glory.



Campus Facilities

Academic Buildings

Our campus features state-of-the-art academic buildings equipped with modern lecture halls, extensive libraries, and cutting-edge research centres, providing a stimulating learning environment for our students.

Technology and Equipment

NIET is home to advanced laboratories and specialised engineering workshops, ensuring students can access the latest technology and equipment to support their education and research endeavours.

Study Areas

The campus offers numerous study rooms, group discussion areas, and quiet zones, designed to foster both individual focus and collaborative learning.



foster both individual focus and collaborative learning. The campus is nestled amidst natural beauty and tranquility, providing students with a serene environment that fosters concentration and minimizes distractions.



Student Life

Community Events

From vibrantfestivals to thought-provoking seminars, our campus hosts a variety of community events that foster a sense of belonging and celebrate the diversity of our student body.

Student Centers

Our student centers serve as hubs of activity, offering common areas, recreational lounges, and spaces for students to unwind, socialize, and engage in extracurricular activities.

Dining and Retail

In addition to our dining halls, the campus features various retail outlets and cafes, providing convenient access to daily essentials and leisure spots for students.

Green Spaces

Parks and Gardens

Thecampus is adornedwith beautiful parks, gardens, and green spaces, offering peaceful retreats for students to relax and rejuvenate amidstnature.

Sustainability Initiatives

We pride ourselves on our sustainability initiatives, including wastemanagement programs, energy-efficient buildings, and eco-friendly practices that contribute to a greener campus.



Laboratories

Computer Engineering Lab

Our computer engineering labs are well-connected with internet and equipped with the latest software such as JAVA, C++, and DBMS, ensuring a 1:1 student-computer ratio.

Mechanical Engineering Lab

Our mechanical engineering labs are equipped with modern facilities including Strength of Materials, Hydraulics, Production & Theory of Machines Laboratories, Mechanical Workshop, Fluid Mechanics specializations, and Thermal & Heat Transfer specializations.

Electrical Engineering Lab

Our electrical engineering labs include PowerElectronics Labs, Electrical Circuit equipment, Electrical Machines Lab, Electrical Drives and Control specialization, and Power System facility.

Science Lab

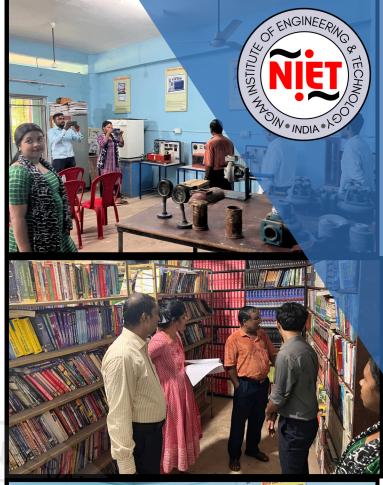
Our physics lab is equipped with essential equipment such as ammeters, galvanometers, thermometers, induction coils, potentiometers, and voltmeters. The chemistry lab features the latest apparatus like Red Wood Viscometer, Analytical Chemical Balance, and Fire Point Apparatus.

Electronics and Communication Lab

Our electronics and communication labs include Electronics Workshop and PCB facility, Microprocessor & DigitalElectronics equipment, Measurement & Instrumentation facilities, Digital Signal Processing facilities, and Microwave & Optical Communication facilities.

Civil Engineering Lab

Our civil engineering labs feature facilities for Concrete Technology, Material Testing, and Geo- technical & Transportation Engineering.











Co-curricular Activities

Student Meets and CulturalPrograms

NIET organizes regular student meetsand cultural programs, providing a platformfor students to showcase their talents, expresstheir creativity, and celebrate diversity. At NIET, we place a strong emphasis on imparting cultural knowledge and significance to our students. We prioritize the celebration of festivals, recognizing their role in reinforcing a deep connection to one's roots and fostering a sense of cultural identity among our students.

Annual Sports Week

we also emphasize the importance of sports and physical well-being, ensuring that students engage in a variety of athletic activities and wellness programs. This holistic approach supports not only their physical health but also their overall personal development and teamwork skills. Our Annual Sports Week is a highlight of the academic calendar, where students participate in a variety of games and sports such as cricket, football, volleyball, table tennis, badminton, and chess.

Industrial Tours

Our Training Department organizes regular industrial toursand visits, exposingstudents to the practical aspects of industry and the workings of organizations. This initiative helps them gain a clear understanding of real-world applications and enhances their practical insights.





Support Services

Well-Equipped Library

Ourmeticulously maintained libraryis regularly updated to cater to the diverseneeds of our students. With over 1,000books by renownedauthors, as well as a collection of national and international journals and magazines, our library serves as a valuable resource center for research and study.

Wi-Fi Connectivity

To facilitate seamless access to information and resources, our campus is equipped with Wi-Fi connectivity.

Comfortable Hostel Accommodation

Our hostel facilities are designed to provide students with a comfortable and conducive environment for living and learning, ensuringtheir well-being and safety throughout their academic journey.

Convenient Transportation

To facilitate easy commutes, we provide bus facilities that cover majorpick-up points, ensuring convenient transportation for our students.

ARTICLES



HC ORDERS GOVT TO FILL UP VACANT SEATS

The Orissa High Court has instructed the state government to swiftly fill vacant engineering college seats, particularly 20% under lateral entry. Following a case filed by Manoi Samantray and others, the petition highlighted 20,000 empty seats in the state's engineering colleges in the last academic session, prompting the court's

ପ୍ରବୀଣ ପ୍ରଧାନ (ବୁଲୁ) ବିଶ୍ୱ ବନଦିବସ ଅବସରରେ ସୟଦ୍କଳା

OF ENGINEERING



ନରାଳ, 9 ୧୩୩/ଏନ୍ଏନ୍ଏସ୍: ପ୍ରକୃତି ସଂରକ୍ଷଣ ଓ ପରିବେଶ ସୁରକ୍ଷା କ୍ଷେତ୍ରରେ ଉଲ୍ଲେଖନୀୟ ଅବଦାନ ପାଇଁ ବାରଙ୍ଗ ବ୍ଲକର ମୁଞ୍ଚଳୀସ୍ଥିତ ନିଗମ ଇଞ୍ଜିନିୟରିଙ୍ଗ୍ କଲେଜକୁ ବିଶ୍ୱ ବନ ଦିବସ ଅବସରରେ ସୟର୍ଦ୍ଧନା ଦିଆଯାଇଛି । ସୂଚନାଯୋଗ୍ୟ ପ୍ରତିବର୍ଷ ଏକ ଶିକ୍ଷାନୁଷାନକୁ ଚରାରୋପଣ, ନୂତନ ଜଙ୍ଗଲ ସୃଷ୍ଟି, ପରିବେଶ ସୁରକ୍ଷା ତଥା ସଚେତନତା କ୍ଷେତ୍ରରେ ଉଲ୍ଲେଖନୀୟ ଅବଦାନ ପାଇଁ ରାଜ୍ୟ ସରକାରଙ୍କ ଜଙ୍ଗଲ ପରିବେଶ ବିଭାଗ ପକ୍ଷରୁ ଏହି ପୁରସ୍କାର ପ୍ରଦାନ କରାଯାଇଥାଏ । ଏହି ସ୍ୱତନ୍ତ ଉସ୍କବରେ କଲେଜର ଅଧିକ୍ଷ ଙ୍ଗ.ମନୋଜ ରଞ୍ଜନ ସାମତରାୟ ପୁରଷ୍କାର ବାବଦରେ ୨ ୦ ହଜାର ଟଙ୍କାର ଚେକ ଓ ଏକ ପ୍ରମାଣପତ୍ର ଗ୍ରହଣ କରିଥିଲେ । ବିଶ୍ର ବନଦିବସ ପାଳନ ଅବସରରେ ଖୋର୍ଦ୍ଧା ଡିଏଫଓ ପୂର୍ଣ୍ଣିମା ପି , ରାଜ୍ୟ ଅନୁସୂଚିତ ଜାତି ଓ ଜନଜାତି ବିଭାଗର ସୁଗ୍ମ ସଚିବ ପି. ଅର୍ଥ ନାରୀ, ଚିଲିକା ଉନ୍ନୟନ କର୍ଭୂପକ୍ଷ ଭୂବନେଖ୍ୱରର ଅତିରିକ୍ତ ମୁଖ୍ୟ କାର୍ଯ୍ୟନିର୍ବାହୀ ଖୁସମ୍ପୃତ୍ତ ଫି, ବିଶିଷ ପରିବେଷବିତ ତଃ .ପ୍ରକାଶ ଚନ୍ଦ୍ର ଜେନା ପ୍ରମୁଖ ଏହି କାର୍ଯ୍ୟକ୍ରମରେ ଉପସ୍ଥିତ ଥିଲେ ।

ବନଦିବସ ଅବସରରେ ସୟଦିନା



ବାରଙ୍ଗ, (ପିପିଏସ୍) : ପୁକୃତି ସଂରକ୍ଷଣ ଓ ପରିବେଶ ସୁରକ୍ଷା କ୍ଷେତ୍ରେ ଉଲ୍ଲେଖନୀୟ ଅବଦାନ ପାଇଁ ବାରଙ୍ଗ ବ୍ରକର ମୁଣ୍ଡଳୀସ୍ଥିତ ନିଗମ ଇଞ୍ଜିନିୟରିଙ୍ଗ୍ କଲେଜକୁ ବିଶ୍ୱ ବନ ଦିବସ ଅବସରରେ ସୟଦ୍ଧନା କରାଯାଇଛି । ଏଠାରେ ସ୍ତଚନା ଯୋଗ୍ୟ ପ୍ରତିବର୍ଷ ଏକ ଶିକ୍ଷାନୁଷ୍ଠାନକୁ ଗୋଟିଏ ସବଡିଭିଚ୍ଚନ ସ୍ଥରରେ ଚାରାରୋପଣ, ନୃତନ ଜଙ୍ଗଲ ସୃଷ୍ଟି, ପରିବେଶ ସୁରକ୍ଷା ତଥା ସଚେତନତା କ୍ଷେତ୍ରରେ ଉଲ୍ଲେଖନୀୟ ଅବଦାନ ପାଇଁ ରାଜ୍ୟ ସରକାରଙ୍କ ଜଙ୍ଗଲ ପରିବେଷ ସ୍ତରକ୍ଷା ପକ୍ଷର ବିଶ୍ୱ ବନ ଦିବସ ଅବସରରେ ଏକ ଶିକ୍ଷାନୁଷାନକୁ ଏହି ପୁରଷ୍କାର ପଦାନ କରାଯାଇଥାଏ । ଏହି ସତନ୍ତ୍ର ଉତ୍ସବରେ କଲେଚ୍ଚର ଅଧିକ୍ଷ ଙ୍ଗ.ମନୋଚ୍ଚ ରଞ୍ଜନ ସାମନ୍ତରାୟ ପୂରଷ୍କାର ବାବଦରେ ୨୦ହଳାର ଟଙ୍କାର ଚେକ ଓ ଏକ ସାର୍ଟିଫିକେଟ ପ୍ରମାଣ ପତ୍ର ଗ୍ରହଣ କରିଥିଲେ । ବିଶ୍ୱ ବନଦିବସ ପାଳନ ଅବସରରେ ଖୋର୍ଦ୍ଧା ଡିଏଫଓ ପୂର୍ଣ୍ଣିମା ପି, ରାଜ୍ୟ ଅନୁସୂଚିତ ଜାତୀ ଓ ଜନଜାତି ବିଭାଗର ଯୁଗୁ ସଚ୍ଚିବ ପି. ଅର୍ଥ ନାରୀ, ଚିଲିକା ଉନ୍ନୟନ କର୍ତ୍ତପକ୍ଷ ଭୁବନେଶ୍ୱରର ଅତିରିକ୍ତ ମୁଖ୍ୟ କାର୍ଯ୍ୟନିର୍ବାହୀ ଖୁସ୍ଥନ୍ତ ସଂ, ବିଶିଷ ପରିବେଷବିତ ତଃ .ପକାଶ ଚନ୍ଦ୍ର ଜେନା ପ୍ରମୁଖ ଏହି କାର୍ଯ୍ୟକ୍ରମରେ ଉପସ୍ଥିତ ଥିଲେ ।

Private colleges demand OJEE

Private engineering colleges in Odisha, represented by the Odisha Technical College Association, demanded the OJEE for 2016, criticizing the state government's preference for JEE Mains. Orissa High Court later ordered a special OJEE, ensuring uniformity in admission processes. Mr. Manoj Samantray, the secretary of the Odisha Technical College Association, played a key role in raising objections to the state government's engineering admission policy, highlighting violations and advocating for the OJEE.





"Lateral Btech. aspirants get special OJEE opportunity"

Manoj Samantray, Managing Trustee of NIET, champions the cause of B.Tech. MBA, and MCA aspirants, advocating for through OJEE. In a proactive move, he filed an appeal in the high court, shedding light on the students' plight and demonstrating his commitment to their opportunities

"Second OJEE to be held on 31st July"

On July 31st, the second OJEE offers a crucial opportunity for lateral entry into colleges for B.Tech, MBA, and MCA aspirants. In a commendable initiative, Manoj Samantray, NIET's Managing Trustee, and the Secretary of the Odisha Technical College Association filed a high court appeal to secure the chance for deserving students to fill vacant seats, exemplifying their commitment to



ବସରେ ସୟଦ୍ଧନା

ସୁରଥା କ୍ଷେତ୍ରରେ ଉଲ୍ଲେଖନୀୟ ଅବଦାନ ପାଇଁ ବାରଙ୍ଗ ବ୍ରକର ମୁଖନୀସ୍ଥିତ ନିଗମ ଇଞ୍ଜିନିସରିଂ ଜଲେଜକୁ ବିଶ୍ୱ ବଚ ତିବସ ଅବସ୍ତରର ସମ୍ପର୍ଜିନ ପ୍ରଚନାଯୋଗ୍ୟ କରାମଇନ୍ତି । ଚାରାରୋପଣ, ଜଙ୍ଗର

ସୃଷ୍ଟି, ପରିକେଷ ସୁରକ୍ଷା ତଥା

ସଚେଚନତା କ୍ଷେତ୍ରରେ ଇଲ୍ଲେଖନୀୟ ଅବଦାନ ପାଇଁ କରାଯାଇଥାଏ । ଏହି କ୍ରମରେ ଚଳିତ ବର୍ଷ ଇକ୍ର ରାଜ୍ୟ ସରକାରଙ୍କ ଜଙ୍ଗଲ ବିରାଗ ପଥରୁ ବିଶ୍ୱ ବନ । ଶିକ୍ଷାଦୁଷ୍ଟନକୁ ସୟହିଁତ କରାଯାଇଛି । ରସବରେ ତଃ .ପ୍ରକାଶ ଚତ୍ର ଜେନା ପ୍ରମୁଖ ଉପସ୍ଥିତ ଥିଲେ ।

ଟଙ୍କର ତେଳ ଓ ପ୍ରମାଣପର ପ୍ରଦାନ କରାଯାଇଛି । ଆସୋଜିତ ଉଷବରେ ଖେର୍ଦ୍ଧା ପର୍ଣ୍ଣିମା ପି. ରାଜ୍ୟ ଅନୁସ୍କୃତିକ ଜାତି ଓ ଜନଜାତି ବିଭାଗର ଯୁସ୍କ ସଚିଦ, ଚିଲିକା ଇନୁଣନ କର୍କୁପଞ ଭୁବନେଶ୍ୱରର ଅତିରିଭ ମୁଖ୍ୟ

କାର୍ଯ୍ୟନିର୍ବାହୀ ଖୁସବୃକ ସିଂ, ଦିଖିଷ ପରିଦେଶଚିତ୍

ACHIEVEMENTS







Manoj Ranjan Samantaray, Chairman of Nigam Institute of Engineering and Technology, receiving the "Prakruti Mitra" award from Honourable Minister Sj. Bijayshree Rout on 05.06.2013.



Chairman Sir receiving an award for his outstanding work in plantation and afforestation from the Forest and Environment Department, Government of Odisha, on the occasion of World Forestry Day 2020.



Engg. Subham Pankaj Samantaray, Director of Nigam Institute of Engineering and Technology (NIET), attended the BPUT Affiliation Meeting in 2022. His participation highlighted his dedication to maintaining NIET's alignment with academic standards and regulations. The meeting provided a platform for addressing affiliation issues and enhancing academic collaboration.



Mrs. Susmita Bhuyan, LLB, PGDM, an alumna of V.N. High School and currently the Director-Cum-Managing Trustee of Nigam Institute of Engineering and Technology (NIET), Barang, Cuttack, Odisha, was awarded a Certificate of Appreciation today (21.12.2019) by Prof. Ganeshilal, Honourable Governor of Odisha, for her contributions to the fields of education and environment.





TO APPLY

Admissions at Nigam Institute of Engineering and Technology are merit-based. For B.Tech/M. Tech, selection is through OJEE/JEE (Main), following Odisha Government guidelines. Diploma admissions utilize centralized counselling by the Director of Technical Education, Odisha Government. A Lateral Entry The scheme enables ITI holders or +2 Science graduates with Mathematics to apply for second-year admission through E-Counseling.

- Get all your documents ready and check if you are eligible OJEE
- Apply for OJEE (Odisha Joint Entrance Examination)
- Then go through the counselling process
- Select your desired PROGRAMME
- Fill The Application Form
- Then Apply for NIGAM





As the Director of NIET, I assure you of our unwavering commitment to academic excellence, research advancement, and the overall well-being of our students. Together, let us embark on a journey of learning, discovery, and growth.

IPSITA SAMAL (DIRECTOR, NIET)

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