FOLLOW US

DUMKA ENGINEERING COLLEGE

DUMKA
ENGINEERING COLLEGE

ESTD. BY GOVT. OF JHARKHAND & RUN BY TECHNO INDIA UNDER PPP

Approved by AICTE and Affiliated to JUT, (Ranchi)
Accredited by NAAC & NBA *(CE,ME,EE)

PROSPECTUS

Accreditations / Approvals

NAAC ACCREDITED

+919933028280 ,+917909069679, +919051329789

www.dumkaengg.edu.in

MESSAGE FROM THE CHAIRMAN

Dear Students and Well-Wishers,

It is with great pride and heartfelt enthusiasm that I welcome you to Dumka Engineering College — an institution committed to academic excellence, innovation, and holistic development.In today's fast-changing world, the role of engineers extends far beyond technical know-how. At Dumka Engineering College, we aim to nurture not just competent professionals but also responsible citizens and future leaders. Our focus is on creating an environment that encourages curiosity, critical thinking, and practical learning aligned with the needs of industry and society.

This prospectus offers you a glimpse into the vibrant academic culture, dedicated faculty, and world-class infrastructure that define our college. We believe that education is not just about acquiring knowledge, but about building character and a strong sense of purpose.

I invite you to join us in this journey of learning and transformation. Together, let us shape a future where innovation meets integrity, and dreams turn into achievements.

With warm regards,
Prof.. (Dr.) Goutam Roy Chowdhury
Founder Chairman, Techno India Group
Chancellor, Techno India University

MESSAGE FROM THE VICE-CHAIRMAN

Dear Students and Stakeholders,

It is a matter of immense satisfaction and pride to be part of Dumka Engineering College — an institution dedicated to fostering technical excellence, innovation, and values-based education in the heart of Jharkhand.

As Vice Chairman, I have witnessed the remarkable progress our college has made in creating a dynamic and inclusive learning environment. Our mission is not only to impart knowledge but also to equip students with the skills, confidence, and ethical grounding needed to thrive in an ever-evolving global landscape.

We are committed to providing state-of-the-art facilities, experienced faculty, and a strong industry-academia interface to ensure that our students graduate as well-rounded professionals. At Dumka Engineering College, we believe in nurturing talent, encouraging research, and inspiring young minds to think beyond boundaries.

This prospectus reflects our dedication to academic growth and institutional excellence. I warmly invite you to explore the opportunities that await you here and to become a part of our ever-growing community.

Warm regards
Prof. Mohit Chatterjee
Vice-Chairman, Techno India Group

MESSAGE FROM THE DIRECTOR

Dear Students and Academic Partners,

It is my privilege to welcome you to Dumka Engineering College, an institution that stands as a beacon of technical education, innovation, and academic integrity in Jharkhand.

As the Director, I take immense pride in our college's commitment to nurturing young minds and shaping them into competent engineers, innovators, and responsible citizens. Our academic programs are designed to impart theoretical knowledge and instil critical thinking, problem-solving skills, and a spirit of lifelong learning.At Dumka Engineering College, we emphasise holistic development — blending rigorous academics with co-curricular activities, research, and industry exposure. Our dedicated faculty, modern infrastructure, and collaborative learning environment work together to ensure every student reaches their full potential.

This prospectus is a window into the vibrant and future-focused culture of our institution. I invite you to be a part of our journey toward academic excellence and meaningful societal contribution.

Best regards

Director, Techno India Group

MESSAGE FROM THE PRINCIPAL

It is humbling and inspiring to hear how generation after generation of engineers and management graduates has benefited from the academic excellence and practical expertise of this unique institution. I am honoured to lead a team of wonderful faculty and administrators. Together, we help students learn, reflect and prepare to surmount every challenge created by a swiftly changing and highly competitive world. Our goal is to expand and strengthen this centre to provide better career opportunities on one side, while on the other, make available skilled personnel to the corporate sector. I am confident corporations would find our students a class apart from the rest.

Being situated near the Massanjore Dam, students and faculty members enjoy a mesmerising picturesque. Enveloped in a pollution-free ambience and endless stretches of greenery, Dumka Engineering College provides the apt environment for students to thrive in. Despite the taxing academic schedule that students have to go through, their active participation in co-curricular activities is indeed praiseworthy.

I wholeheartedly welcome all aspiring students to this institute and look forward to their outstanding performances as they embark on their professional journey.

Warmly,

Dr. Ganesh Shankar

Principal

Dumka Engineering College

MISSION

- To impart quality education in the field of engineering and technology with a view to produce dynamic and global engineers with social commitment and finally emerge as one of the most acclaimed centres of excellence in the country.

VISION

- To impart education of the highest quality in engineering and technology.
- To build one of the best Industry-Academia interfaces to leverage the best collaborative output in terms of quality training, project management, research and consultancy.
- To provide ethical and value-based education.
- To create an atmosphere which identifies innovative and entrepreneurial minds across the students' community and finally produces future leaders, innovators, entrepreneurs and good human being.

FACILITIES AT DEC

The college accommodates lecture halls, research and training laboratories, library, administrative offices etc. The campus has vast expanse of green dotted with facilities for cultural, recreational and sports activities. Students are encouraged to pursue a wide range of extracurricular activities and hobbies in their free time and events both entertaining and competitive are arranged quite frequently. In addition, the Institute maintains Guest Houses for accommodating guests appropriately.

FACILITIES OFFERED:

- 100% PLACEMENT ASSISTANCE
- DIGITAL E-LIBRARY SYSTEM
- 24X7 POWER SUPPLY
- HIGH SPEED WIFI
- SEPARATE BOYS' AND GIRLS' HOSTEL
- VARIOUS SCHOLARSHIPS FROM GOVT. OF JHARKHAND
- IN CAMPUS GATE PREPARATORY TRAINING CLASSES FOR PRE-FINAL YEAR STUDENTS.
- IN CAMPUS EMPLOYABILITY SKILL TRAINING CLASSES FOR FINAL & PRE-FINAL YEAR STUDENTS.
- In campus Seminar & workshop (STTP) for all students.
- SMART CLASSROOMS & VIRTUAL SMART CLASSROOM
- WORLD CLASS SEMINAR HALL
- TEQIP-III SPONSORED STATE OF ART LABORATORIES
- TRAINING AND INTERNSHIPS FROM DIFFERENT RENOWNED INSTITUTIONS & INDUSTRIES
- VIRTUAL LAB CLASSES FROM IIT BOMBAY
- FACULTY DEVELOPMENT PROGRAMS FROM IITS &NITS.
- DIFFERENT SAFETY MEASURES AND PROTECTIONS TO EACH STUDENTS
- 24X7 INHOUSE MEDICAL ASSISTANCE AND MEDICAL SERVICES.
- PLAY GROUNDS FOR DIFFERENT SPORTS ACTIVITIES FOR COLLEGE STUDENTS.
- GYM FACILITY FOR STUDENTS & EMPLOYEES INSIDE CAMPUS
- COLLEGE HAS ITS OWN AMBULANCE SERVICE FOR STUDENTS AND ALL STAFFS.SEPARATE AQUA GUARDS ARE INSTALLED IN GIRLS AND BOYS HOSTEL, ALL ACADEMIC BUILDINGS.

DEC CAFETERIA

College has a canteen on the campus for students and staff. Hygienic and tasty breakfast, snacks and lunch is served at reasonable rates during working hours.

ELIGIBILITY CRITERIA

The aspiring candidate should have passed the senior secondary/ intermediate/ 10+2 examination from any and Mathematics as compulsory subjects in addition to one of the subjects of Chemistry / Physics / Biology/ Technical Vocational with minimum of 45% (40% in case of candidate belonging to reserved category) in the qualifying examination as per AICTE regulations. The duration of the B.Tech. programme is 4 years.

Admission through Lateral Entry Scheme into 2nd year of the Programme: Admission in the 2nd year of the Programme (3rd semester) is also allowed for the candidates belonging to the following categories with the conditions as stated below:

a. Passed Diploma examination from an AICTE approved Institution; with at least 45% marks (40% for reserved category) in appropriate branch of Engineering / Technology.

b. Passed B.Sc. Degree from a recognized University as defined by UGC, with at least 45% marks (40% for reserved category) and passed XII standard with mathematics as a subject.

c. Provided that in case of students belonging to B. Sc. Stream, shall clear the subjects of Engineering Graphics/Engineering Drawing and Engineering Mechanics of the first year Engineering program along with the second year subjects.

d. Provided further that, the students belonging to B.Sc. Stream shall be considered only after filling the supernumerary seats in this category with students belonging to the Diploma stream.

e. Provided further that students, who have passed Diploma in Engineering & Technology from an AICTE approved Institution or B.Sc. Degree from a recognized University as defined by UGC, shall also be eligible for admission to the first year Engineering Degree courses subject to vacancies in the first year class in case the vacancies at lateral entry are exhausted. However, the admissions shall be based strictly on the eligibility criteria as mentioned in A, B, D, and E above.

Lateral Entry

Candidate should have passed Diploma in Engineering/ Technology course of 3 years duration or more (after 10th class) or 2 years (after 10+2) from any Board of Technical Education or its equivalent with at least 45% marks in aggregate, OR should have passed B.Sc. degree of minimum three year duration from a recognized university with mathematics as a subject, with 45% marks in aggregate.

Courses Offered

B.Tech (Programme Duration 4 Years)

	Intake
1. Computer Science and Engineering (CSE)	180
2. Electronics and Communication Engineering (ECE)	30
3. Electrical Engineering (EE)	60
3. Mechanical Engineering (ME)	60
4. Civil Engineering (CE)	120

B.Tech (2nd Year Lateral Entry)

(Programme Duration 3 Years)

(All of the Above Branches)

FINANCIAL INCENTIVES AND SCHOLARSHIP SCHEMES

DEC students are entitled to receive several scholarships from different organisations. Presently, about 70% of students are pursuing B.Tech. The college receives scholarships. A list of such scholarships is provided below. Candidates may note that scholarships are awarded based on merit and a student's performance in engineering examinations, including attendance.

There are different types of Scholarship schemes from different organisations, some are State-Level and some are National-Level. The students of Dumka Engineering College can avail the following :

SCOLARSHIP SCHEMES

Scholarship Name	Provider	Eligible Categories	Level of Study	Benefits	Application Portal
E-Kalyan Post Matric Scholarship	Government of Jharkhand	SC/ST/OBC	Post Matric	Tuition fees, maintenance allowance, etc.	https://ekalyan.cgg.gov.in
AICTE Pragati Scholarship	AICTE / Government of India	Girls (General/SC/ST/OBC)	Technical Degree	₹50,000/year for tuition, equipment, etc.	https://www.aicte-pragati-saksham-gov.in
AICTE Saksham Scholarship	AICTE / Government of India	Differently-abled Students	Technical Diploma/Degree	₹50,000/year for tuition, equipment, etc.	https://www.aicte-pragati-saksham-gov.in
AICTE Yashasvi Scholarship	AICTE / Government of India	General/OBC/EWS	Technical Education	Financial assistance based on merit	https://scholarships.gov.in
Samarth Scholarship	Government of India / State Collaboration	SC/ST/OBC/General (Meritorious)	Higher Education	Tuition, hostel, and incidental expenses	https://samarth.edu.in
National Scholarship Portal - Central Sector Scheme	Ministry of Education, GoI	General/SC/ST/OBC (Merit-based)	UG/PG	Up to ₹20,000 per annum	https://scholarships.gov.in




TRAINING & DEVELOPEMENT PLACEMENT

SHUBHAM KUMAR BURMAN
Electrical Engineering
B.Tech (2019-23 Batch)
PLACED AT
intel Corporation Pvt Ltd
PACKAGE
24 LAKH PA

INDUSTRY-INSTITUTE INTERACTION

Dumka Engineering College maintains active liaisons with leading corporate organisations and Government agencies to facilitate industrial training as well as campus and off-campus placements for its Engineering students. The institute has a dedicated and fully functional Placement Cell, headed by a faculty member of professor rank. This cell operates collaboratively with student representatives and heads of departments. The Placement Cell is well-equipped with a qualified team and modern communication facilities to ensure effective coordination and support.

Dumka Engineering College is committed to fostering strong and meaningful interaction between academia and industry. The Training and Placement Cell actively engages with leading corporate houses and government organisations to enhance student exposure to real-world industrial practices.

Based on their branch of study and academic level, students of the college regularly participate in industrial visits to reputed companies and organisations such as Tata Motors, Bajaj Auto, Ashok Leyland, TCS, BSNL, Railways, TATA Steel, JSW, Indo Danish Tool Room, Mahindra, Thermal Plants, Jharkhand Government Tool Room and Training Centre, Jardaha, Kites Water Plant industries, Gaushala Road Dumka and more. These visits, often arranged at prominent industrial hubs like the Rudrapur Industrial Area and other locations, provide hands-on understanding of industry operations.

In addition to these visits, the college frequently organises guest lectures, seminars, and workshops in collaboration with industry professionals and academic experts. These sessions offer valuable opportunities for students and faculty to gain insights from the practical experiences of dignitaries from various domains. Such engagements are integral to bridging the gap between theoretical learning and industrial applications.

Industrial Training at Dumka Engineering College

To provide students with real-time exposure to the corporate environment, Dumka Engineering College has integrated Industrial Training into its curriculum, typically scheduled after the pre-final year. The college has developed an active industry-engagement initiative to facilitate both Industrial Training and Internship programs for its B.Tech. students.

Engineering students at DEC undergo a mandatory three to four-week industrial training after their pre-final year. The Training and Placement Cell coordinates with reputed organisations to arrange these training opportunities. Additionally, faculty representatives visit the host companies to interact with trainers, gather personal feedback, and assess student performance during the training period

INDUSTRIAL VISIT & GUEST LECTURES

At Dumka Engineering College, industrial visits and guest lectures serve as essential platforms for interaction between students, faculty, and industry professionals. The college, through its active Training and Placement Cell, regularly invites eminent personalities from the corporate and academic sectors to deliver guest lectures, seminars, and workshops.

These engagements enable students and faculty members to gain practical insights and exposure to real-world industrial practices. The college emphasises learning beyond the classroom by facilitating direct interactions with industry experts and dignitaries from various professional domains.

Academic Mentors :

IIM Kozhikode
IIMU
IIM KASHIPUR
IIM
UTH RADOM

FOLLOW US

Employability Skills Enhancement Program

At Dumka Engineering College, the Entrepreneurship Development Cell (ASCEND) plays a pivotal role in fostering an entrepreneurial mindset and nurturing innovation among students. The ASCEND organises specialised training sessions and workshops for students who aspire to launch their ventures after graduation. The cell also collaborates with national institutions such as the Institute of Innovation Council, MHRD and Bureau of Indian Standards to bring expert guidance and resources to aspiring student entrepreneurs.

DEC has a BIS CLUB Powered by BIS, GOVT. OF INDIA.

In parallel, the college runs a comprehensive Employability and Soft Skill Enhancement Program (ESEP) to empower students with essential personal and professional development skills. The core objectives of the program include:

- Encouraging a proactive approach to self-development.
- Fostering active participation in career development plans.
- Promoting autonomy, creativity, and self-awareness.
- Helping students understand and build on their strengths and weaknesses.

The program is conducted annually in two semesters (Odd & Even) and follows a progressive structure. It begins with fundamental modules such as communication skills in the second year and culminates with advanced sessions, including mock interviews in the final year. The approach is highly participatory, ensuring better retention and growth.

Modules Covered under the Program:

- Kinesics
- Intrapersonal Skills & Interview Techniques
- Time Management
- Corporate Etiquette
- CV Preparation and Practice
- Phonetics and Listening Skills
- SWOT Analysis
- Stress Management
- Presentation & Group Discussion Skills

This integrated platform provides every student the opportunity for self-disclosure, self-improvement, and confidence-building, enabling them to become highly capable professionals ready to meet the dynamic demands of the corporate world.

Industry Corporate Tie-ups & MoUs at Dumka Engineering College

To address the national challenge of low employability among engineering graduates—particularly in core disciplines such as Mechanical Engineering, Electrical Engineering, Electrical & Electronics Engineering, and Electronics & Communication Engineering—Dumka Engineering College has launched a structured Industrial Exposure Initiative for its pre-final year B.Tech. students.

This initiative, led by the Training and Placement Cell, aims to provide students with meaningful industrial exposure during the 6th semester of their curriculum. Under the expert guidance of faculty members, students are encouraged to plan and undertake a 6-week Industrial Training immediately after completion of their 6th semester. The college has established corporate tie-ups and MoUs with reputed industries to facilitate this process and ensure practical learning aligned with academic growth.

A FEW OF DEC'S MOU WITH CORPORATE HOUSES

- JHARKHAND GOVERNMENT TOOL ROOM, RANCHI, JHARKHAND
- BUREAU OF INDIAN STANDARDS
- ZIROH LABS PVT LTD BANGALORE
- EDUNET FOUNDATION(IBM SKILL BUILD)
- SWITCH ON FOUNDATION
- AUTODESK
- SIEMENS, CENTER OF EXCELLENCE BIT SINDRI
- NIT , DURGAPUR
- NTPC LTD, FARRAKA
- MAITHON POWER LTD. JHARKHAND
- IOCL, HALDIA
- CMRI, JHARKHAND
- GLOBSYN PVT. LTD.
- KAZIMIERZ PULASKI UNIVERSITY OF TECHNOLOGY , RADOM, POLAND.

..... and many more

Soft Skill Classes

At Dumka Engineering College, special emphasis is placed on enhancing students' interpersonal and professional competencies through structured Soft Skills Training Programs. These programs are integrated into the academic calendar to ensure students are well-prepared for real-world corporate environments. The college conducts soft skills sessions based on the industry-relevant framework and includes the following five key modules:

i. The Art of Communication.
ii. Understanding the Hidden Aspects of Communication.
iii. Team Building and Effective Collaboration.
iv. Adapting to Corporate Life.
v. Discussions, Decision-Making, and Presentation Skills.

These sessions help students develop critical communication, teamwork, and leadership skills essential for their career success.

Centre of Excellence – Dumka Engineering College

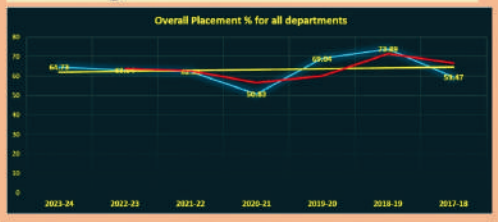
Dumka Engineering College has established Centres of Excellence in several high-demand technological domains in line with its commitment to empower students with cutting-edge skills and promote innovation and entrepreneurship. These centres aim to bridge the gap between academic knowledge and industry requirements by offering specialised training and skill development programs.

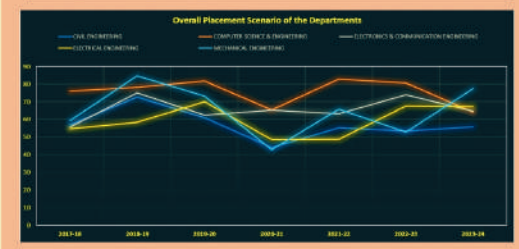
Major Domains of Excellence:

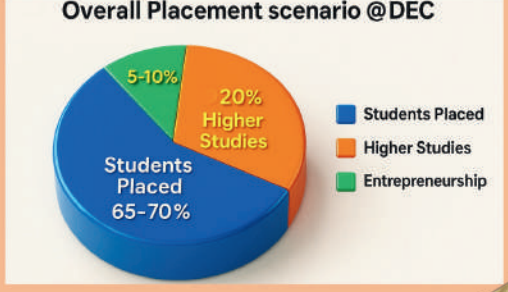
1. CNC
2. MATLAB
3. UTM LAB
4. AUTOCAD
5. CAD TOOLS LAB WORKSTATION
6. MESUREMENT & INSTRUMENTION
7. DATA ANALYTICS
8. LANGUAGE LAB

These Centres of Excellence have been developed based on recommendations from the Training and Development Cell, after thorough consultation with HR professionals from reputed companies and feedback from industry-experienced alumni.

To enhance student engagement, the college organizes a structured on-campus training program of 40 hours. This program is facilitated by both internal faculty and external experts from reputed training organizations, offered at subsidized fees. The initiative prepares students for industry readiness and encourages them to explore entrepreneurship and advanced technological innovation.







DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ABOUT THE DEPARTMENT:

The Department of Computer Science & Engineering is at the forefront of turning out software engineers with a high degree of technical expertise. It fosters the innovation and breadth of vision necessary to excel in the blooming software industry. The experienced faculty exposes budding computer engineers to a rigorous and exhaustive curriculum designed to bring out the best in them and to keep them in touch with the latest state-of-the-art technology. Besides imparting theoretical knowledge, the emphasis is on hands-on training and overall development of the individual's personality. Equal importance is given to the classroom learning, which is meant primarily for conceptual inputs. The teaching program has been devised keeping in view the need for a close interaction with the industry.

Core areas of study:
Programming & Data Structures- Fundamental coding and problem-solving skills.
Databases & Data Analytics – Efficient data storage, retrieval, and analysis.
Operating Systems & Networks System-level programming and secure communication.
Software Engineering Design, development, and maintenance of software systems.
Artificial Intelligence & Machine Learning Intelligent systems and data-driven models.
Cybersecurity Protecting digital assets through ethical hacking and secure design.
Cloud Computing & IoT Scalable computing and smart device integration.
Web & Mobile Development Building responsive websites and mobile apps.

HOD'S DESK

Welcome to the Department of Computer Science and Engineering, where innovation meets excellence. We are proud to offer a vibrant academic environment that nurtures creativity, technical competence, and a problem-solving mindset. Our programs are carefully designed to equip students with strong theoretical foundations and practical skills in core areas such as Artificial Intelligence, Data Science, Cybersecurity, and Software Development. Our faculty comprises experienced educators and researchers committed to mentoring students and preparing them for dynamic careers in industry, research, and entrepreneurship. Through project-based learning, industry interactions, internships, and technical events, we ensure our students stay ahead in a fast-changing digital world. At CSE, we believe in fostering not just skilled engineers but future leaders and changemakers. I invite you to be part of this exciting journey.

VISION OF THE DEPARTMENT

To produce a skilful and creative software engineer, ready with applicable knowledge and having an interest to do improving society with technical awareness, as well as being a suitable resource for industry.

MISSION OF THE DEPARTMENT

- M1. To achieve the vision, we must focus on resources with optimised utilisation
- M2. To include current technical knowledge with social responsibilities.
- M3. To prepare our students to become industry-ready software engineers.
- M4. To make and reach the top standards in production, along with ethics and technical approach.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

- PEO1- To provide the essential knowledge of science and engineering concepts fundamental for a computer professional and equip the ability of mathematical foundations and algorithmic principles for expert problem solving.
- PEO2- An ability to analyse a problem, and identify and define the computing requirements appropriate to its solution.
- PEO3- Students will prove his/her ability to work and communicate effectively as a team member and /or leader to complete the task with minimal resources, meeting deadlines.

SPECIAL FACILITIES & LABS OF THE DEPARTMENT:

All the laboratories in the department are equipped with modern facilities of hardware, software, projection systems, internet connectivity, and LAN. All curricular laboratories are there in the department to enable the curriculum-based laboratory classes. All the laboratories have dual Operating Systems, namely, Windows 11 along with the latest version of Linux (Fedora Core and Ubuntu).
The department also has a specialised project laboratory where some more facilities are available, like Android Studio, XAMPP, and many more. In each of the above-mentioned laboratories, a computer system is strictly allocated to a single student. Apart from these, the students are allowed to use laboratories for self-learning (MOOCS, study materials from foreign universities). One member of the faculty and a technical assistant are in charge of the overall smooth functioning/maintenance of each laboratory.

CARRIER OPPORTUNITIES:

The department, maintaining its relationship with the industry, regularly organises campus connect courses. Organisations like LTI Mindtree, Cognizant Technology Solutions, conduct courses to enhance the technical skills of the students and make them industry-ready. Most of the students are placed in well-reputed Multi-National Companies and are performing successfully. Students of the department are also engaged in research-oriented as well as industry-oriented projects, for which the department has one research laboratory and a specialised project laboratory.

Top Placement

Annual Package 24 LAC

Kripa Shankar Rakshit
Placed at OPTYM

Annual Package 9.5 LAC

Anuj Kumar
Placed at TCS

Annual Package 3.7 LAC

Garima Kashyap
Placed at Infratech Systems

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

ABOUT THE DEPARTMENT:

The Department of Electronics and Communication Engineering (ECE) at Dumka Engineering College is committed to imparting quality education and fostering innovation in the field of electronics, communication, and embedded systems. The department aims to produce technically competent, ethically strong, and socially responsible engineers who can meet the challenges of modern industries and research sectors.

HOD'S DESK

It gives me immense pleasure to welcome you to the Department of Electronics and Communication Engineering (ECE). Our department has a proud tradition of academic excellence and innovation, shaping the future of students to meet the demands of rapidly evolving technologies in the field of electronics and communication.

In today's digital era, ECE plays a crucial role in the development of smart systems, communication networks, embedded technologies, and advanced electronics. Our curriculum is thoughtfully designed to provide a balanced mix of theoretical knowledge and practical skills, supported by state-of-the-art laboratories and industry-driven projects.

Our dedicated faculty members are committed to nurturing talent, fostering research, and creating a vibrant academic environment. We regularly organise seminars, workshops, internships, and industrial visits to enhance the technical exposure and soft skills of our students.

We strive to empower students with the confidence and competence to thrive in competitive environments, whether in core industries, research institutions, or higher studies.

I invite you to explore the opportunities that our department offers and join us in our mission to build a brighter, more connected world.

VISION OF THE DEPARTMENT

To produce a skilful and creative software engineer, ready with applicable knowledge and having an interest to do improving society with technical awareness, as well as being a suitable resource for industry.

MISSION OF THE DEPARTMENT

M1: To develop skills and knowledge in aspects of Electronics and communication engineering related to the relevance of industry requirements.

M2: To pursue excellence in education by building bridges between academia, industry and society.

M3: To encourage students to innovate, entrepreneurship, professionalism, and pursue continuing education.

Program Educational Objectives (PEOs)

PEO1 Integrate fundamentals and contemporary approaches derived from electronics and communication engineering and practice to accomplish professional development responsively.

PEO2 Handle multi-faceted and multi-disciplinary projects to engage in effective teamwork & exercise leadership inculcation with social and economic considerations.

PEO3 Continually receptive to new technological and social challenges through lifelong learning, leading to advanced degrees, publications, presentations, awards and exhibiting good citizenship.

CARRIER OPPORTUNITIES

1. Core Electronics Industries (BEL, BHEL, ISRO, DRDO, etc.)
2. Communication Companies (BSNL, Airtel, Jio, Vodafone, etc.)
3. Software & IT Industry (TCS, Infosys, Wipro, Cognizant, etc.)
4. Semiconductor & VLSI Design Companies (Intel, AMD, Qualcomm, etc.)
5. Public Sector and Government Services (IES, UPSC, SSC JE, etc.)
6. Higher Studies and Research (M.Tech, MS, PhD in IITs, NITs, Foreign Universities)

ADDITIONAL FACILITIES

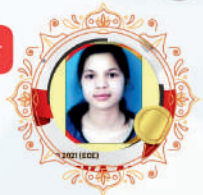
Beyond the specialised labs, the Department provides several facilities to enhance the educational experience:

- Virtual Lab Classes: In collaboration with IIT Bombay, virtual lab sessions are conducted to supplement practical learning.
- Faculty Development Programs: Regular programs from IITs and NITs are organised to keep faculty updated with the latest advancements, indirectly benefiting students.
- Mentorship Schemes: In the department are crucial for guiding students academically, professionally, and personally. Effective mentorship improves student performance, retention, and career readiness.
- Wi-Fi Connectivity: Campus-wide high-speed Wi-Fi ensures students have access to online resources and learning materials.
- Departmental Library: A vast collection of books, journals, and digital resources supports academic and research activities. These facilities collectively contribute to a robust learning environment, preparing students for successful careers in electrical engineering.

Special Facilities & Laboratories

- Digital & Analog Electronics Lab
- Communication Systems Lab
- Microprocessor and Microcontroller Lab
- Digital Signal Processing Lab
- VLSI & Embedded Systems Lab
- Antenna and Microwave Lab
- IoT and Robotics Innovation Cell
- Project and Research Lab with simulation tools like MATLAB, Xilinx, Multisim

Top Placement



Annual Package 8 LAC

Angika Alekh
Placed at UpGrad

Annual Package 20 LAC

Simran Kumari
Samsung Semiconductor India Research

Annual Package 8.2 LAC

Ajit Kumar
Placed at TCS

DEPARTMENT OF ELECTRICAL ENGINEERING

ABOUT THE DEPARTMENT:

The Department of Electrical Engineering is committed to excellence in teaching, research, and innovation. Established to produce highly skilled and ethically responsible engineers, the department provides a strong foundation in core electrical engineering concepts while embracing the latest advancements in technology and applied research.

HOD'S DESK

As the Head of the Electrical Engineering Department, I take immense pride in the journey we undertake with our students, not just to educate them, but to empower them. Our goal is not merely to help students study, but to inspire them to learn, to think critically, and to apply their knowledge meaningfully in real-world situations.

We believe that true education is holistic. Beyond textbooks and laboratories, we focus on instilling values, fostering innovation, and nurturing the qualities that define responsible and capable individuals. The knowledge our students gain here and the character they build will serve as their foundation to contribute positively to society and lead with purpose.

At our department, we are not just preparing students for exams or degrees—we are crafting them for the future. A future that demands creativity, resilience, integrity, and excellence.

I would like to take this opportunity to express my gratitude to our dedicated faculty, staff, and the ever-enthusiastic students who bring life to our department. Your hard work, commitment, and collaborative spirit are what keep us moving forward.

Let us continue to uphold the high standards we have set and strive for even greater heights in the years to come.

Thank you, and I wish you all continued success.

VISION OF THE DEPARTMENT

The vision of the Electrical Engineering department is to produce high-quality Electrical Engineers through innovative technology-oriented teaching. The students will be prepared for the best professional Engineers in the field of Electrical Engineering, who are capable of facing the challenges in their domain.

MISSION OF THE DEPARTMENT

M1: To offer a good quality of undergraduate program in electrical engineering.

M2: To develop competent and ethically sound engineers with analytical, computational and design skills to provide viable solutions.

M3: To provide Ka nowledge base to the rural and tribal community around us for their upliftment and well-being.

M4: To provide suitable platforms to improve the creative talents of students and faculty members.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

- To develop the capability among students to understand the concept of core electrical subjects that will enable them to understand new technology.
- Our graduates will attain productive careers in the professional practice of Electrical Engineering and related fields with a strong conceptual background and interest
- Our graduates will demonstrate technical competence in identifying, analysing and creating engineering solutions, keeping in mind the ethical and societal needs. They will be able to establish themselves by analysing the demand of the existing world.

RESEARCH AND DEVELOPMENT

- The department encourages students and faculty to engage in research and development projects. Areas of focus include smart grids, energy efficiency, renewable energy integration, and electric vehicles

ADDITIONAL FACILITIES

Beyond the specialised labs, the Department provides several facilities to enhance the educational experience:

1. Virtual Lab Classes: In collaboration with IIT Bombay, virtual lab sessions are conducted to supplement practical learning.
2. Faculty Development Programs: Regular programs from IITs and NITs are organised to keep faculty updated with the latest advancements, indirectly benefiting students.
3. Safety Measures: The college emphasises student safety with various protective measures in place within laboratories.
4. Wi-Fi Connectivity: Campus-wide high-speed Wi-Fi ensures students have access to online resources and learning materials.
5. Library and Digital Knowledge Centre: A vast collection of books, journals, and digital resources supports academic and research activities. These facilities collectively contribute to a robust learning environment, preparing students for successful careers in electrical engineering.

Career Opportunities

- **Power generation and distribution**
- **Renewable energy sector**
- **Automation and control**
- **Electrical equipment manufacturing**
- **Research and development**
- **Government services and public sector units (PSUs)**

LABORATORIES

State-of-the-art laboratories provide students with practical exposure to complement their theoretical understanding. Key labs include:

- Electrical Machines Lab
- Power System Lab
- Control System Lab
- Electrical Workshop
- Network Theory Lab
- Power Electronics Lab
- Electrical Measurements and Instrumentation Lab
- Basic Electrical Engineering Lab
- Electrical Workshop
- Project Lab
- Simulation Lab
- Electrical Drives Lab

SPECIAL FACILITIES AND LABS OF THE DEPARTMENT

The Department boasts over 15 high-tech laboratories that support various engineering disciplines. For Electrical Engineering students, key labs include:

- Electrical Machines Lab: Facilitates hands-on experience with different types of electrical machines, enhancing understanding of their operations and applications.
- Power System Lab: Equipped with modern instruments to study power generation, transmission, and distribution systems.
- Control Systems Lab: Allows students to design and analyse control systems, crucial for automation and industrial applications.
- Computer Lab: Features High-end computing nodes to support simulation and modelling tasks essential for electrical engineering projects. These laboratories are integral to the curriculum, ensuring that students gain practical skills alongside theoretical knowledge.

Top Placement

Annual Package 24 LAC

Shubham Kumar Burman
Placed in Intel Corporation

Annual Package 7.2 LAC

Komal Kumari
Placed in Power Grid Corporation of India Limited
GATE qualified in 2024

DEPARTMENT OF CIVIL ENGINEERING

ABOUT THE DEPARTMENT:

The Department of Civil Engineering at Dumka Engineering College is renowned for its rich and extensive history. Established in 2013, the department was founded alongside the Institute itself. Over the years, it has achieved excellence through exceptional academic contributions, a strong legacy of alumni, and meeting societal needs through innovative research initiatives. We equip our students to conceptualise, plan, design, construct, and implement facilities that address the needs of today and tomorrow. This hands-on approach enables students to gain a comprehensive understanding of civil engineering.

Our undergraduate curriculum strikes the perfect balance between theoretical knowledge and practical application across various disciplines of civil engineering, including structures, surveying, geotechnical engineering, transportation, and water resources engineering. Additionally, it incorporates management and entrepreneurial aspects. Our faculty possesses the essential competencies to teach in all these fields, supported by our dedicated staff members. Hands-on projects, field trips, and interactions between industry and academia ensure that our graduates are highly sought after by employers upon completing the program.

The B.Tech program is accredited by the National Board of Accreditation (NBA) for Engineering and Technology. Our state-of-the-art research and instructional labs support the development of innovative research ideas. We continuously modernise and upgrade our labs to meet the evolving needs of the department.

The total student intake for the academic years 2022-2026 was 60, which has now been upgraded to 120 for the academic years 2023-2027. We are committed to providing the highest quality education in civil engineering and will continuously strive to be at the forefront of our mission.

HOD'S DESK

I am very pleased to welcome you to the Department of Civil Engineering at Dumka Engineering College.

The department was established in 2013, making it as old as the Institute itself. Civil Engineering is one of the oldest and broadest branches of engineering, playing a crucial role in shaping the infrastructure and development of society. Our undergraduate curriculum strikes an ideal balance between theoretical knowledge and practical applications. It encompasses the broad disciplines of civil engineering, including structures, surveying, geotechnical, transportation, and water resources engineering. Additionally, it incorporates management and entrepreneurial aspects, providing a well-rounded education. Our department is committed to producing civil engineers who are technically proficient, ethically grounded, and socially responsible. The B.Tech program is accredited by the National Board of Accreditation (NBA) for Engineering and Technology. We consider this achievement an important milestone as it allows our degree program to be recognized on national and international platforms. Our faculty members are dedicated educators and researchers who strive to provide quality education. They engage students in innovative projects, hands-on training, and opportunities for industry interaction. We also encourage students to participate in workshops, internships, and co-curricular activities to enhance their skill sets and overall development. The department takes pride in its alumni, who significantly contribute to the nation through their work in government, the private sector, and academia. We are committed to fostering a learning environment that inspires innovation, creativity, and leadership as we continue to grow.

We are having MOU with AUTODESK, Ziroh Lab, Kazimierz Pulaski University, MSME Technology Centre, Jamshedpur (Indo Danish Tool Room), and Jharkhand Government Tool Room, Jardaha. Along with that we are lifetime member of The Institute of Engineers India (IEI) and Bureau of Indian Standards (BIS), Jamshedpur.

CAREER OPPORTUNITIES

1. GOVERNMENT SECTOR JOBS
- Indian Engineering Services (IES) – Prestigious technical service under UPSC.
- Public Works Department (PWD) – Civil infrastructure projects.
- Railways (IRSE) – Indian Railways Service of Engineers.
- Municipal Corporations – Urban planning, roads, drainage systems.
- Defense Services – MES (Military Engineering Services), BRO (Border Roads Organization).
- PSUs – Like BHEL, NTPC, GAIL, ONGC, HPCL, and NHAI.

2. CORE CIVIL ENGINEERING FIELDS
- Structural Engineer – Design and analysis of buildings and bridges.
- Construction Engineer – Overseeing construction projects.
- Geotechnical Engineer – Soil testing and foundation design.
- Transportation Engineer – Roadways, railways, and traffic systems.
- Water Resource Engineer – Dams, canals, and irrigation projects.
- Environmental Engineer – Waste management and pollution control.
- Surveyor – Land mapping and surveying.

3. HIGHER EDUCATION & RESEARCH
- M.Tech/M.E. – Specialisation in structures, geotech, environment, etc.
- MBA – For managerial roles in construction and infrastructure.
- Ph.D. – For teaching and research roles in academia.
- Research Institutes – Work in CSIR, IITs, NITs, and other R&D centres.

4. PRIVATE SECTOR OPPORTUNITIES
- Real Estate & Infrastructure Firms – Project planning and execution.
- Construction Companies – Like L&T, Shapoorji Pallonji, etc.
- Consulting Firms – Providing expert engineering solutions (AECOM, Atkins).
- Project Management – Planning, execution, budgeting, resource handling.

5. SOFTWARE & TECH ROLES (WITH ADDITIONAL SKILLS)
- CAD Designer – AutoCAD, STAAD Pro, Revit.
- BIM Engineer – Building Information Modelling.
- Project Scheduling – Primavera, MS Project.
- GIS Specialist – Geographic Information Systems.

6. ENTREPRENEURSHIP
- Contractor/Builder – After getting a license.
- Consultancy Services – Design, planning, and structural analysis.
- Material Supplier – Construction materials like cement, sand, steel, etc.

VISION OF THE DEPARTMENT

To serve the nation and society by providing skilled and well-developed civil engineers through excellence in technical education.

Mission of the Department

M1: To impart value-based quality education in civil engineering and serve by producing excellent engineers, innovators and entrepreneurs for the growth of the industry and the society.

M2: To develop a sense of competitiveness, self-confidence, sincerity, punctuality and ethical values among students.

M3: To promote students in renowned industry and academic institutions for quality training and project work.

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO 1: Graduates will be able to apply technical skills and modern engineering tools for Civil Engineering day-to-day practice.

PSO 2: Graduates will be able to participate in critical thinking and problem solving in the Civil Engineering field that requires analytical and design skills.

PSO 3: Graduates will be able to pursue lifelong learning and professional development to face the challenging and emerging needs of our society.

Program Educational Objectives (PEOs)

PE01: Graduates will be able to apply fundamental principles of science, mathematics and engineering using modern tools to solve societal and environmental problems.

PE02: Graduates can use their practical, field survey, computer and analytical skills to build industry-ready engineers to solve multi-disciplinary sustainable projects.

PE03: Graduates will be able to give solutions to complex civil engineering problems. He will have leadership qualities and ethical values to become a professional engineer.

SPECIAL FACILITIES AVAILABLE IN THE CIVIL ENGINEERING DEPARTMENT

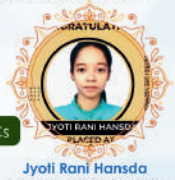
The Department of Civil Engineering is equipped with state-of-the-art laboratories and infrastructure to support both academic instruction and advanced research. The following are some of the special facilities available in the department:

- **Structural Engineering Laboratory**
  - Universal Testing Machine (UTM)
  - Compression Testing Machine
- **Geotechnical Engineering Laboratory**
  - Triaxial Testing Apparatus
  - Consolidation Testing Equipment
  - Direct Shear and Vane Shear Test Setup
  - Soil Resistivity and Permeability Meters
- **Transportation Engineering Laboratory**
  - Bitumen and Aggregate Testing Equipment
  - Marshall Stability Test Apparatus
  - California Bearing Ratio (CBR) Test Setup
- **Environmental Engineering Laboratory**
  - Water and Wastewater Quality Analysis
- **Surveying and Geomatics Laboratory**
  - Total Stations and GPS/GNSS Equipment
  - Digital Theodolites and Auto Levels
  - Drone Surveying Facilities
- **Fluid Mechanics and Hydraulics Laboratory**
  - Flow Channels with Hydraulic Jump Apparatus
  - Pipe Friction and Losses Equipment
  - Pelton and Francis Turbine Test Rigs
- **Concrete and Materials Testing Laboratory**
  - Concrete Mix Design Setup
  - Rebound Hammer and Ultrasonic Pulse Velocity Meters
  - Durability and Workability Testing Facilities
  - Accelerated Curing Tank and Slump Test Apparatus
- **Research and Innovation Support**
  - Research Incubation Centre with Analytical Instruments
  - MOUs with Industry and Government Agencies for Collaborative Projects






Top Placement



Annual Package 8.5 LACs

Jyoti Rani Hansda
Placed at PRISM RMS

Rahul Kumabhakar
Placed at Home Lane
Annual Package 4.24 LAC

Soni Kumari
Placed at Skipper
Annual Package 7.2 LAC

DEPARTMENT OF MECHANICAL ENGINEERING

About the Department:

Established to produce industry-ready engineers, the Mechanical Engineering Department offers a balanced blend of theoretical knowledge and practical skills. The department continuously updates its curriculum in line with evolving industry demands and technological advancements.

HOD'S DESK

It is my pleasure to welcome aspiring engineers, parents, and stakeholders to the Department of Mechanical Engineering at Dumka Engineering College. Since our inception in 2014, we have remained committed to delivering high-quality technical education rooted in innovation, integrity, and leadership.

Mechanical Engineering is one of the most versatile branches of engineering. Our department integrates core concepts with emerging technologies to prepare students for today's fast-evolving industrial landscape. Accredited by both NBA and NAAC, we uphold excellence in academics, infrastructure, and teaching practices.

Our application-driven curriculum is supported by well-equipped laboratories and facilities, including CNC machines, 3D modeling tools, fluid mechanics and thermal labs, and a design and simulation center. These promote hands-on learning and bridge the gap between theory and practice.

Our faculty members are experienced and research-oriented, actively involved in interdisciplinary innovations such as applying Artificial Intelligence in mechanical systems. We also focus on holistic development through projects, internships, industrial visits, and events.

Our alumni are successfully contributing across industries, research, and entrepreneurship, reflecting the strong foundation built here.

We invite you to join our department in the pursuit of knowledge, innovation, and meaningful societal impact.

VISION OF THE DEPARTMENT

To serve the nation and society by providing skilled and well-developed civil engineers through excellence in technical education.

Mission of the Department

1. To provide fundamental knowledge of mechanical engineering and its application by providing them with all the basic facilities in the Department.
2. To enable our students to analyse real-life problems in the technical field by integrating them with a variety of industry–academia experience throughout the curriculum.
3. To create an environment in the department for excellent teaching and learning to produce human resources with an interest in Higher studies, entrepreneurship in the field of Mechanical Engineering with an ethically strong and morally elevated attitude.

Mission of the Department

PEO-1- knowledge Mechanical Graduates will have strong fundamental technical knowledge and are capable of developing core competency in diversified areas such as Production, Design, Thermal, Industrial and allied fields with the use of Hardware and software tools to expand their knowledge horizon and lifelong learning mentality.

PEO-2- Skills Graduates will have effective communication, leadership, team building, problem solving, decision making and creative skills by understanding contemporary issues, thereby contributing to their overall personality and career development.

PEO-3- Attitude Graduates will practice ethical responsibilities and service towards their peers, employers, society and follow these precepts in their daily life.

PROGRAM SPECIFIC OUTCOMES (PSOs)

1. Graduates will demonstrate the knowledge of applied mathematics and advanced software tools for design specification, development, such as fabrication, analysis, such as testing and operation of the physical systems, components and processes involved in mechanical engineering.
2. Graduates will demonstrate the ability to engage professionally and ethically in industries or as an entrepreneur by applying design, manufacturing, quality analysis and management practices.

Career Pathways

- **Automotive and Aerospace Industries**
- **Power Plants and Energy Sector**
- **Manufacturing and Production**
- **Research and Development**
- **Government and Public Sector Units (PSUs)**

Core Areas of Study

- **Thermodynamics and Heat Transfer**
- **Fluid Mechanics and Hydraulic Machines**
- **Machine Design & Dynamics**
- **Advanced Manufacturing & CAD / CAM**
- **Robotics & Renewable Energy**
- **Engineering Materials and Metallurgy**











Top Placement

Annual Package 6 LAC

PRITI KUMARI
Placed at BYJU'S

Annual Package 8.2 LAC

ABUL FATAH
Placed at
TATA CONSULTANCY SERVICES

Annual Package 6 LAC

KRISHNA KUMAR
Placed
WIPRO INFRASTRUCTURES PVT. LTD.

DEPARTMENT OF BASIC SCIENCE & HUMANITIES

ABOUT THE DEPARTMENT:

The Department of Basic Science and Humanities (BSH) forms the academic cornerstone of our institution, playing a pivotal role in laying a strong foundation for students across all engineering disciplines. Our department encompasses core subjects such as Physics, Chemistry, Mathematics, English, and Communication Skills, as well as fostering a deeper understanding of social sciences and ethics. Our experienced faculty members are dedicated to cultivating analytical thinking, scientific temper, and effective communication skills essential for both academic excellence and holistic development. With well-equipped laboratories and an emphasis on interdisciplinary learning, the department ensures that students are well-prepared to tackle advanced engineering challenges and contribute meaningfully to society. We strive to nurture technically sound, ethically grounded, and socially responsible individuals through an integrated approach to science and the humanities.

HOD'S DESK

It gives me immense pleasure to welcome you to the Department of Basic Science and Humanities (BSH), the foundational pillar of our esteemed institution. Our department plays a vital role in shaping the academic journey of every engineering student by nurturing critical thinking, scientific aptitude, and strong communication skills from the very beginning. We believe that a robust understanding of the basic sciences—Physics, Chemistry, and Mathematics—along with the ability to communicate effectively and understand human values, forms the bedrock of a successful engineering career. Our committed faculty members are passionate educators and mentors who strive to instill curiosity, creativity, and clarity of thought in our students. In addition to academic rigor, we emphasize ethics, soft skills, and interdisciplinary learning to prepare our students not just as future engineers, but as responsible citizens of the world. Our department is dedicated to providing a stimulating and inclusive environment that encourages innovation and continuous learning.

Innovation and Entrepreneurship

The Startup & Innovation Cell "ASCEND" of Dumka Engineering College, established under the aegis of the Institution's Innovation Council (IIC), Ministry of Education (MoE), Government of India and in collaboration with the Bureau of Indian Standards (BIS), aims to foster an entrepreneurial mindset and innovative spirit among students and faculty.
This report highlights the strategic initiatives, activities, and achievements of ASCEND over the academic year, focusing on ideation support, prototype development, innovation challenges, and industrial mentorship provided to budding entrepreneurs. The cell functions as a launchpad for startups, promoting innovation-driven thinking in alignment with national missions such as Startup India and Atmanirbhar Bharat.

Objectives

- Promote an innovation and entrepreneurship culture on campus
- Bridge the gap between academia, industry, and startups
- Mentor students through ideation to prototyping
- Support students in availing funding, incubation, and IP support
- Encourage participation in national-level innovation and startup challenges

Major Events Conducted

- Tecurious 2024: A 36-hour campus-wide event to encourage product innovation
- BIS Awareness Drive on standards for budding technocrats
- IIC Sessions on Design Thinking, IPR, and Prototyping
- Startup Pitch Event judged by external industrial mentors

Startups/Ideas Incubated

- AgroSense: A smart soil-monitoring system by final-year ECE students
- AquaMeter: Flow-sensing-based automated irrigation controller
- DigiClinic: A mobile-based healthcare assistant for rural India

Collaborations & Outreach

- MoUs with Jharkhand Innovation Lab, TIE Ranchi, and BIS
- Regular interactions with alumni entrepreneurs and startup founders
- Participation in Smart India Hackathon, Toycathon, and National Innovation Contest

Future Roadmap

- Launch of a dedicated Innovation Lab for rapid prototyping
- Organising Innovation Bootcamps and Startup Showcases
- Filing of Patents and nurturing Technology Readiness Levels (TRL)
- Expansion of the mentor pool by involving regional incubators
- Proposal for seed funding under AICTE IDEA Lab and DST NIDHI scheme

WORKSHOP & SEMINARS

At our institution, we believe in bridging the gap between theoretical knowledge and practical application. Regular workshops and seminars are conducted across all departments to expose students to the latest industry trends, emerging technologies, and real-world challenges.

तीन दिवसीय डिजिटल सर्किट पर कार्यक्रम शुरू

दुमका कार्यक्रम में उपस्थित शिक्षक।

दुमका/शिक्षा सवाददाता। दुमका इंजीनियरिंग कॉलेज में गुरूवार को दुर्गापुर एनआईटी से आए विशेषज्ञों के द्वारा शिक्षकों को फैकल्टी डेवलपमेंट प्रोग्राम के तहत 'टेस्टिंग ऑफ डिजिटल सर्किट' का प्रशिक्षण दिया गया। यह प्रशिक्षण तीन दिनों तक चलेगा। विशेषज्ञ डॉ विभास सेन ने शिक्षकों को बताया कि डिजिटल सर्किट टेक्नोलोजी का एक महत्वपूर्ण अंग है। आजकल हर डिवाइस में डिजिटल सर्किट लगाया जाता है। प्राचार्य डॉ पलाश पाल ने बताया कि इसमें सिर्फ इलेक्ट्रॉनिक, इलेक्ट्रीकल, फिजिक्स एवं कंप्यूटर साइंस के शिक्षकों को प्रशिक्षण दिया जा रहा है। इस कार्यक्रम को करने के बाद शिक्षकों को शोध में सहायता मिलेगी जिससे बाद में छात्रों को भी लाभ मिलेगा। उन्होंने बताया कि इसमें डिजिटल कॉम्पोनेंट के बारें में बताया जाता है। यह कार्यक्रम फिजिक्स विभाग की ओर से आयोजित किया जा रहा है।

रोजगार के लिए इंजीनियरिंग कॉलेज देगा प्रशिक्षण

खबरें विवि की

दुमका इंजीनियरिंग कॉलेज।

दुमका/शिक्षा संवाददाता। प्रधानमंत्री नरेंद्र मोदी का सपना है कि देश के हर व्यक्ति को तकनीकी शिक्षा मिले। इसके लिए भारत सरकार ने कई तकनीकी संस्थानों के साथ एमओयू भी है। दुमका इंजीनियरिंग कॉलेज उन कड़ी में जुड़कर विभिन्न योजनाओं को मुफ्त प्रशिक्षण देकर उन्हें रोजगार मुहैया कराने का निर्णय लिया है। अगले 15 दिनों के अंदर कॉलेज में इच्छाधारी कौशल विकास योजना के अंतर्गत कई टूटी का प्रशिक्षण दिया जायगा। कॉलेज में पढ़ने वाले छात्रों के अलावा कोई भी चाहती व्यक्ति उसमें नामांकन लेकर मुफ्त प्रशिक्षण प्राप्त कर सकता है। कॉलेज में चलाये दिया जा रहा है, कोई भी व्यक्ति आकर ले सकता है। प्रशिक्षण प्राप्त करने वाले व्यक्ति को कम से कम आठवीं पास होना जरूरी है। कुल 450 घंटा की प्रशिक्षण दिया जायगा, जिसमें स्थानीय एवं प्रैक्टिकल दोनों शामिल हैं। जरूरत के अनुसार रोजगार 3 या 4 घंटे प्रशिक्षण प्राप्त कर सकते हैं। प्रशिक्षण के बाद केंद्र सरकार की संस्था राष्ट्रीय कौशल विकास केंद्र की ओर से सर्टिफिकेट दिया जायगा। इसके संचालन के लिए कॉलेज के डॉ. राजीव कुमार को समन्वयक बनाया गया है।

वर्तमान और भविष्य के उत्पादों पर कार्यशाला में हुई चर्चा

दैनिक भास्कर

सावित्री और धनवंतरी नामक रोबो से राजमहल अस्पताल में होगा काम

स्थानीय छात्र व अन्य लोगों ने मिलकर बनाया है रोबोट, हुआ उद्घाटन

साहिबगंज अनुमंडल अस्पताल में रोबोट का उद्घाटन करते उपायुक्त।

सिटी बाइट्स

आइडिया पिचिंग में दुमका इंजीनियरिंग प्रथम सिंदरी द्वितीय व चाईबासा तृतीय स्थान पर

चाईबासा, चाईबासा इंजीनियरिंग कॉलेज का तीन दिवसीय वार्षिक तकनीकी महोत्सव रविवार देर रात पुरस्कार वितरण व जीवंत सांस्कृतिक कार्यक्रम के साथ संपन्न हो गया. आइडिया पिचिंग प्रतियोगिता में 9 इंजीनियरिंग कॉलेज स्कूल और 1 डिप्लोमा कॉलेज ने भाग लिया. 50 से अधिक आइडिया में से कुल 100 से अधिक छात्रों ने शीर्ष तीन स्थान के लिए प्रतिस्पर्धा की. निर्णायकों ने सर्वसम्मति से दुमका इंजीनियरिंग कॉलेज के तीसरे वर्ष के छात्र शिवम कुमार को बच्चों के लिए उनके आइडिया 'ननी' के लिए प्रथम स्थान मिला, उन्हें चाईबासा इंजीनियरिंग कॉलेज से 25 हजार रुपये का पुरस्कार मिला. बीआइटी सिंदरी के सैयद अदनान अहमद, दर्शी, विवेक और रिशेष के आइडिया 'वॉयलेल्प' को दूसरा स्थान मिला, उन्हें 15000 रुपये का पुरस्कार मिला. चाईबासा इंजीनियरिंग कॉलेज के मोहित महतो को उनके आइडिया 'पुस्तकालय और कार्यालय स्थान' के लिए तीसरा स्थान प्राप्त हुआ, उन्हें 10,000 रुपये का वित्तीय सहयोग प्रदान किया गया.

आंबेडकर जीवंत विचारधारा हैं : वैशाली श्रीवास्तव

जमशेदपुर. भा... रत्न डॉ भीमरा... आंबेडकर ... जयंती पर नेता...

रोजगार के लिए इंजीनियरिंग कॉलेज देगा प्रशिक्षण

खुद को को अपग्रेड करें

इंजीनियरिंग के छात्र देश के निर्माता : डॉ. लुइस

महिला कॉलेज के कर्मियों को पांच महीने से मानदेय नहीं

सभी अधिकार खत्म रूम में नहीं हकृति के नजदीक हुए तीसी

टॉक छात्रों को हो रही ऑनलाइन पढ़ाई

का। लॉकडाउन के चलते स्कूल, लेज और विश्वविद्यालय बंद हैं। बीच युजीसी ने घर बैठे छात्र-ात्राओं के लिए ऑनलाइन पढ़ाई का देश जारी किया है। दुमका ीनियरिंग कॉलेज के बीटेक के छात्रों गूगल क्लास के माध्यम से निलाइन पढ़ाया जा रहा है। उन्हें साइनमेंट दिए जा रहे हैं और ऑन इन ही जांच परीक्षा भी ली जा रही है, कि कोर्स को समय पर पूरा किया जा के। ऑनलाइन पढ़ाई में इंजीनियरिंग लेज के बांजिकी विभाग के प्रो ललित रायण महतो, इलेक्ट्रीकल विभाग के पंकज सरकार, सिविल विभाग की प्रतिमा कुमारी का महत्वपूर्ण योगदान छात्रों को पढ़ाई का विडियो लिंक भी लब्ध कराया जा रहा है। ऑनलाइन ज प्रतियोगिता का भी आयोजन रवाया जा रहा है।

आज अयोजित होगा 'फिट इंडिया साईपलेवीन' कार्यक्रम

इंजीनियरिंग के छात्रों ने बनाया सोलर से चलने वाला ग्रास कटर

दैनिक जागरण

कोरोना ने टोका तो अपना शहर ही बन गया कोटा

Other Publications

उप राजधानी

मका इंजीनियरिंग कॉलेज में अंतर्राष्ट्रीय परिसंवाद शुरू

LIFE@DEC!

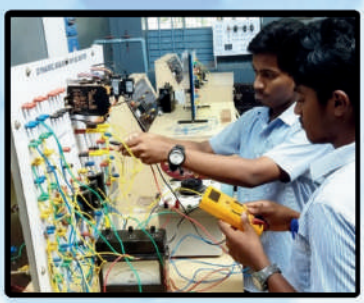
OUR GREEN CAMPUS



OUR LABORATORIES



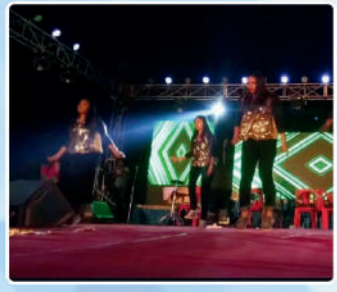





HOSTEL & CAFETERIA


EVENTS @DEC

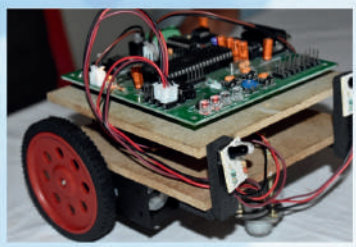
CULTURAL FESTIVAL(FANATIK)

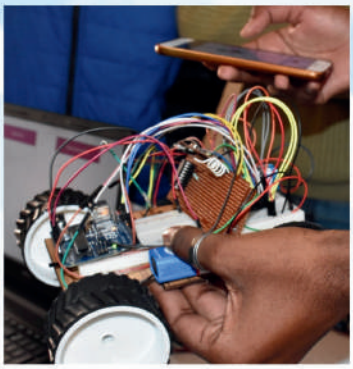


MATHEMATICS DAY

ANNUAL SPORTS

TECHNICAL FEST(TECURIOUS)





ACHIEVERS' OF DEC

SHIVAM KUMAR
CSE (2024-2027)

IDEA PITCHING COMPETITION 2024 BY JUT & VIKSIT BHARAT
Project:- Sanyam
Position:- 2nd
Prize money:- funding 30k (Seed Money)
Organised By: Jharkhand University of Technology
Supported By: Viksit Bharat Mission

INNOVATHON 25 BY BIT SINDRI
Project:- Nanhee
Position:- 6th
Prize money: Summer Internship (Free)
Organised By: BIT SINDRI
Supported By: INSTITUTION INNOVATION COUNCIL(MHRD), GOVT. OF INDIA

IDEA RANGMANCH – NAVKRITI 2025
Project: Nanhee
Position: 1st Place Winner
Prize: Funding Secured 25k for Startup
Organised By: JUT, Techno India Group & Chaibasa Engineering College
Supported By: NAVACHAR (NRIIC), Viksit Bharat Mission

Boeing National Aeromodelling Competition' 25
Project:- Sanyam
Position: 5th
Rewards:- funding 5k (Project Building Money)
Organised By: IIT Kharagpur
Supported By: Boeing

Niyaz Ansari ME (2021-2025)
Uttam Kumar Mahato ME (2023-2027)
Anuj Kumar ME (2023-2027)
Ankit kumar ME (2023-2027)
Satyam kumar ME (2023-2027)

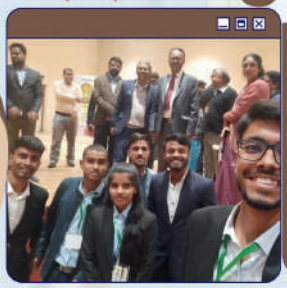
ANKITA
ECE (2020-2024)

JUT B.TECH END SEMESTER EXAM
Position: UNIVERSITY TOPPER
Rewards:-Gold Medalist with Distinction
Organised By: JUT,Ranchi
Year: 2024

DISTRICT LEVEL PARADE PERFORMANCE
Position: 1st Position
Rewards:- Certificate of Appreciation and Trophy
Organised By: Zilla Prashasan, Godda

ANKIT RAJ
CE (2023-2027)

Toufiq Hussain CSE (2021-2025)
Karan Kumar Mahato CSE (2021-2025)
Rishu Raj CSE (2021-2025)
Devesh Kumar (2023-2027)
Nisha Kumari ECE (2024-2027)
Bhavya Mishra ECE (2023-2027)



JUT IDEA PITCHING COMPETITION
Project: ARGUS & ARBANA
Position: 1st & 3rd
Rewards:- Rs.50,000/- & Rs 20,000/-
Organised By: JUT, Ranchi & BIT SINDRI
Supported By: INSTITUTION INNOVATION COUNCIL(MHRD), GOVT. OF INDIA

YUVA SANGAMIII (HARAYA-JHARKHAND)
Rewards:- Certificate of Appreciation and Trophy
Organised By: GOVT. OF INDIA UNDER EK BHARAT SRESTHA BHARAT SCHEME
Supported By: NIT Kurukshetra

ABHISHEK KUMAR SHARMA
EE (2021-2025)

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