JGI

ARKA JAIN University
Jharkhand

NAAC GRADE A
ACCREDITED UNIVERSITY

AICTE-APPROVED

4-Year

B. Tech

SCHOOL OF ENGINEERING & IT

(AS PER NEP 2020)

CELEBRATING 15 YEARS OF EXCELLENCE

APPLY FOR
AJUCET 2026

Join Us

ON YOUR JOURNEY

To Success!

ABOUT
ARKA JAIN UNIVERSITY

ARKA JAIN University was established in the year 2017 by the Jharkhand State Legislature under **"The ARKA JAIN University Act" and is recognized by UGC**.

Located in the tribal district Seraikela-Kharsawan, it is the first state private university in the Kolhan region (comprising of three districts) of the state.

First **NAAC 'A'** Grade Accredited State Private University (in the First Cycle) in Bihar, Jharkhand & West Bengal.

The University has its root in the prestigious JAIN Group of Instutions, Bengaluru which has 77-plus educational institutions under its fold.

It is mentored by JAIN (Deemed-to-Be-University), Bengaluru, a NAAC A++ and NIRF Top-100 HEI.

The university has the necessary affiliations, recognitions and memberships from different bodies such as **AICTE, BCI, PCI, INC, JNRC, AIU, ASCO.**

1

ILLUSTRIOUS LEGACY

ARKA JAIN University is part of the famed JAIN Group of Institutions, Bengaluru and mentored by JAIN (Deemed-to-be-University), Bengaluru

2

WHAT EMBODIES OUR IDENTITY

NAAC-A Grade Accreditation, Academic Excellence, Diverse Program Options, Industry-ready Graduates – We have' em All!

3

NAAC A GRADE

Accredited with A Grade by NAAC in the first cycle with a CGPA Score of 3.15 / 4.0

4

38TH BEST PRIVATE UNIVERSITY IN INDIA

in THE WEEK-Hansa Research Best Universities Survey 2025

5

52ND BEST PRIVATE UNIVERSITY IN INDIA

in the India Today-MDRA Best Universities 2024 Rankings

6

ISO-CERTIFIED

ISO 21001:2018 Certified "Educational Organization Management System" University

7

AIU MEMBER

Member of Association of Indian Universities

8

70+ MOUS

Learn from the best, network with the brightest

9

ROBUST CAMPUS RECRUITMENT

₹23 LPA Highest Package, 3500+ Placements and 750+ Companies visited till date

RAGGING-FREE CAMPUS

A ragging-free campus that fosters a safe, respectful, and welcoming environment for every student.

How the Year Unfolds at

Beginning of Odd Semester Classes for the Non-First-Year Students

AARAMBH

Welcome Day Function for First-year Students

Induction-cum-Orientation

and Beginning of Classes for First-year Students

Jain Premier League

Inter-school Annual T-20 Cricket Tournament

Beginning of Even Semester Classes (Except First Year)

Aagaaz

Annual Cultural Fest

Odd Semester End-term Examination (First Year)

Shikhar

The Annual Entrepreneurial Conclave

Beginning of Even Semester Classes (First Year)

ARKA JAIN University

Roo-b-Roo

Fresher's Function for First-year Students

Navotsav

Gandhi / Shastri Jayanti-cum-Navotsav Celebration Week

Roshni

Annual Celebration of Light

Carvaan

Annual Excursion Tour

Runbhoomi

Annual Sports Meet

Odd Semester End-term Examination (Except First Year)

Holi Invasion

Annual Pre-Holi Bash

Rukhsat

Farewell to Final Year Students

Even Semester End-term Examination

TOP 5
REASONS TO BE A PART OF
ARKA JAIN UNIVERSITY

1. First NAAC 'A' Grade Accredited State Private University (in the First Cycle) in Bihar, Jharkhand & West Bengal.

2. Part of the JAIN Group of Institutions, Bengaluru; Mentored by NAAC A++ and NIRF-Top 100 JAIN (Deemed-to-be-University), Bengaluru

3. Member - Association of Indian Universities (AIU)

4. 70+ MOUs (International & National) with Corporate and Academic Partners

5. ISO 21001:2018 Certified "Educational Organization Management System" University


ERSITY

B. TECH

BACHELOR OF TECHNOLOGY

(AS PER NEP 2020)

AICTE APPROVED

The School of Engineering & IT at ARKA JAIN University has been established with the objective of delivering quality higher education and fostering technical advancement. As an intellectual hub, the university attracts and inspires students from diverse backgrounds, empowering them to explore and grow in their chosen fields.

The B. Tech program at AJU is a 4-year AICTE-approved undergraduate engineering degree designed in alignment with NEP 2020, offered across five specialized disciplines. The course curriculum balances theoretical knowledge and practical application, ensuring a holistic learning experience.

Highly sought-after by aspiring engineers, the program is designed for students looking to shape their passion into a profession—whether in India or abroad. It opens doors to lucrative career opportunities across the global engineering landscape.

Committed to academic excellence, AJU provides a robust learning environment through a well-structured curriculum, state-of-the-art laboratories, hands-on workshops, interactive seminars, industrial visits, research initiatives, and strong placement support—all aimed at equipping students for real-world success.

SPECIALIZATIONS

- Computer Science and Engineering
- Artificial Intelligence & Data Science
- Artificial Intelligence & Machine Learning
- Electrical & Electronics Engineering
- Mechanical Engineering

B. TECH (QUICK FACTS)

ELIGIBILITY FOR B.TECH :

Passed 10+2 examination with Physics / Mathematics / Chemistry/ Computer Science/Electronics/Information Technology/ Biology/Informatics Practices/ Biotechnology/ Technical Vocational subject/ Agriculture/ Engineering Graphics/ Business Studies/Entrepreneurship.
For Mechanical Engineering (Mandatory Subject at 10+2 level - Physics, Chemistry, Maths). For Electrical & Electronics Engineering (Mandatory Subject at 10+2 level - Physics, Maths). For Computer Science and Engineering (Mandatory Subject at 10+2 level Physics, Maths)
Obtained at least 45% marks (40% marks in case of candidates belonging to reserved category) in the above subjects taken together.
OR
Passed D. Voc. stream in the same or allied domain.
Candidate should have valid score card of JEE MAINS 2025 or AJU-Combined Entrance Test (AJUCET) or Common University Entrance Test (CUET) conducted by National Testing Agency (NTA).

ELIGIBILITY FOR B. TECH (LATERAL ENTRY) :

Passed Minimum THREE years / TWO years (Lateral Entry) Diploma examination with at least 45% marks (40% marks in case of candidates belonging to reserved category) in ANY branch of Engineering and Technology.
OR
Passed B. Sc. Degree from a recognized University as defined by UGC, with at least 45% marks (40% marks in case of candidates belonging to reserved category) and passed 10+2 examination with Mathematics as a subject.
OR
Passed D. Voc., B. Voc. 3-year in the same or allied domain. Candidate should have valid score card of JEE MAINS 2024/ 2025 or AJU -Combined Entrance Test (AJUCET).
DURATION (B. TECH): 4 Years | 8 Semesters & B. TECH (LATERAL ENTRY): 3 Years | 6 Semesters
DEGREE: Bachelor of Technology (B. Tech) awarded by ARKA JAIN University, Jharkhand & approved by AICTE, New Delhi

B. TECH ADVANTAGES @ AJU

- 20+ MOUs with TATA Motors, TPSDI, NTTF, IDTR, IBM, OP Jindal University, Raigarh; Sigma HTS LLP, Reflex & Allen and other industry and academic partners
- Exceptional facilities including Library, Technology-enabled class rooms, Hi-tech Labs, Seminar Hall, Auditorium & Cafeteria
- Focus on Experiential learning through yearly Excursion, Educational Tours, Industrial Visits, etc.
- **Teaching Pedagogy:** Workshops, Guest Speaker Sessions, Group Learning, Industrial Visits, Case Study Analysis
- Personality grooming opportunity through public speaking club Toastmasters International AJU Chapter
- Interdisciplinary approach to learning & program delivery
- Highly qualified faculty members, alumni of premier HEIs

ASSOCIATIONS WITH TECH GIANTS

Beyond individual growth, it's collective impact:

AJU X GOOGLE

Find your tribe at GDG-AJU - Your gateway to Google resources, workshops, and hackathons. Learn, grow, and innovate!

AJU X MICROSOFT

Level up your tech skills with AJU's Microsoft Learning Community! Master Microsoft tools, join workshops, and connect with peers.

AJU X IEEE

From robotics to AI, explore your interests: AJU Chapter of IEEE - a vibrant community for engineers who dream big and do even bigger.

AJU X CSI

Level up your CS journey! Computer Society of India AJU Chapter offers industry insights, competitions, and exclusive resources.

FROM CODING TO COMMUNICATION

Future-Ready Clubs That Shape You

- CODE & COMPUTE SOCIETY
- MACHINE LEARNING & CYBER SECURITY CLUB
- AUTOMOTIVE CLUB VELOCITY
- DESIGN & SIMULATION CLUB
- GATE CLUB
- Learning Professional & Communicative Language Club
- SCIENCE CLUB
- Dance & Drama Club

B. TECH

IN COMPUTER SCIENCE AND ENGINEERING

ABOUT THE PROGRAM

Bachelor of Technology (B. Tech) program in Computer Science and Engineering (CSE) is a four-year undergraduate program that focuses on computer systems, software development, and various technologies related to computing. The program equips students with the skills and knowledge to solve real-world problems through programming, algorithm design, and the study of both hardware and software systems. It is one of the most popular and in-demand engineering disciplines.

STAY AHEAD WITH VALUE-ADDED COURSES

To ensure that students in the Computer Science and Engineering (CSE) program stay ahead of technological advancements, the School offers a variety of value-added courses. These courses supplement the core curriculum and provide students with knowledge in emerging and futuristic technologies, preparing them for cutting-edge careers

SOME OF THESE VALUE-ADDED COURSES ARE:

- Artificial Intelligence (AI) & Machine Learning (ML)
- Data Science and Big Data Analytics
- Cloud Computing
- Block chain Technology
- Cyber security and Ethical Hacking
- Internet of Things (IoT)
- Robotics and Automation
- Mobile App Development
- DevOps and Continuous Integration/Continuous Deployment (CI/CD)
- Augmented Reality (AR) and Virtual Reality (VR)
- Software Development Methodologies (Agile, Scrum)
- Ethical AI and Responsible Technology
- Advanced Database Systems

PROGRAM HIGHLIGHTS

- The B. Tech in Computer Science and Engineering (CSE) program offers a comprehensive and dynamic curriculum, focusing on core concepts like programming, algorithms, data structures, operating systems, and networking, alongside an emphasis on mathematics to build strong analytical skills.
- It provides exposure to emerging technologies such as AI, Machine Learning, Data Science, Cloud Computing, Cybersecurity, Blockchain, IoT, and Robotics, with project-based learning and internships at top tech companies for hands-on experience.
- The program fosters research and innovation, encouraging students to engage in cutting-edge projects and entrepreneurial initiatives.
- Students benefit from industry collaborations, guest lectures, hackathons, and skill development in programming, soft skills, and job readiness.
- Equipped with state-of-the-art labs, advanced research facilities, and flexible learning options, the program also offers global career opportunities and international exposure.
- In their final year, students work on capstone projects and theses, applying knowledge to real-world problems, while extracurricular activities and a focus on social responsibility ensure holistic development.

CAREER OPPORTUNITIES

Graduates of B. Tech CSE have diverse career paths in cutting-edge technology domains, such as:

- Software Developer/Engineer
- Data Scientist/Analyst
- Cybersecurity Analyst/Engineer
- Artificial Intelligence (AI) Engineer
- Network Engineer
- Cloud Computing Engineer
- Mobile App Developer
- Database Administrator (DBA)
- DevOps Engineer
- Game Developer

UNIQUE COURSES : The B. Tech CSE program offers specialized courses tailored to industry demands and future advancements:

- Scripting Languages
- Cryptography and Network Security
- Full Stack Development
- Data Stream Mining
- Software Testing Methodologies
- Mobile Computing
- Cyber Forensics
- Evolutionary Computing

PROGRAM STRUCTURE

B. TECH IN COMPUTER SCIENCE & ENGINEERING

SEMESTER I

GROUP A
Engineering Mathematics-I
Engineering Physics
Programming for Problem Solving
Basic Electrical Engineering
Biology for Engineers
Computer Aided Engineering Graphics
Sports and Yoga Or NSS/NCC
PRACTICAL
Engineering Physics Laboratory
Basic Electrical Engineering Laboratory
Programming for Problem Solving Laboratory
Computer Aided Engineering GraphicsLaboratory

GROUP B
Engineering Mathematics–I
Engineering Chemistry
Introduction to ML using Python
English for Skill Enhancement
Universal Human Values
Manufacturing Practice
Constitution Of India
PRACTICAL
Engineering Chemistry Laboratory
Python Programming Laboratory
Design Thinking and Idea Laboratory
Engineering Workshop Practices
English Language & Communication Skills Laboratory

SEMESTER II

GROUP A
Engineering Mathematics–II
Engineering Chemistry
Introduction to ML using Python
English for Skill Enhancement
Universal Human Values
Manufacturing Practice
Constitution of India
PRACTICAL
Engineering Chemistry Laboratory
Python Programming Laboratory
Design Thinking and Idea Laboratory
Engineering Workshop
English Language & Communication Skills Laboratory

GROUP B
Engineering Mathematics-I
Engineering Physics
Programming for Problem Solving
Basic Electrical Engineering
Biology for Engineers
Computer Aided Engineering Graphics
Sports and Yoga Or NSS/NCC
PRACTICAL
Engineering Physics Laboratory
Basic Electrical Engineering Laboratory
Programming for Problem Solving Laboratory
Computer Aided Engineering GraphicsLaboratory

SEMESTER III

Engineering Mathematics–III
Data Structures
Digital Electronics
Computer Organization and Architecture
Object Oriented Programming through Java
Gender Sensitization
PRACTICAL
Data Structures Laboratory
Digital Electronics Laboratory
Object Oriented Programming through Java Laboratory
Data visualization- R Programming/ Power BI

SEMESTER IV

Discrete Mathematics
Operating Systems
Database Management Systems
Software Engineering
Design and Analysis of Algorithms
Environmental Science
PRACTICAL
Operating Systems Laboratory
Database Management Systems Laboratory
Design and Analysis of Algorithms Laboratory

SEMESTER V

Computer Networks
Web Programming
Signal & System
Professional Elective-I
Professional Elective -II
Essence of Indian Knowledge Tradition
PRACTICAL
Computer Networks Laboratory
Web Programming Laboratory
Signal & System Laboratory
Summer Internship-I (3-4 week)

SEMESTER VI

Formal Languages and Automata Theory
Artificial Intelligence and Machine Learning
E-Commerce and ERP
Professional Elective – III
Professional Elective -IV
Open Elective-I
Intellectual Property Rights
PRACTICAL
Artificial Intelligence and Machine Learning Laboratory
Professional Elective – III Laboratory

SEMESTER VII

Cryptography and Network Security
Compiler Design
Professional Elective -V
Open Elective - II
Professional Practice, Law & Ethics
PRACTICAL
Cryptography and Network Security Laboratory
Compiler Design Laboratory
Minor Project
Summer Internship-II (4 week)

SEMESTER VIII

Organizational Behavior
Professional Elective – VI
Open Elective – III
Major Project
Extra- Curricular/ Co-Curricular Activity

PROFESSIONAL ELECTIVE

PROFESSIONAL ELECTIVE – II (5th sem)
Embedded Systems
Information Retrieval Systems
Distributed Databases
Natural Language Processing
Software Project Management
Computer Vision and Robotics

PROFESSIONAL ELECTIVE - III (6th sem)
Full Stack Development
Internet of Things
Scripting Languages
Mobile Application Development
DevOps
Computer Graphics

PROFESSIONAL ELECTIVE - IV (6th sem)
Data Mining
Soft Computing
Speech and Video Processing
Database Security
Software Testing Methodologies
Randomized Algorithms

PROFESSIONAL ELECTIVE - V (7th sem)
Advanced Algorithms
Robotic Process Automation
Blockchain Technology
Software Process & Project Management
Privacy Preserving Data Publishing
Mining Massive Datasets

PROFESSIONAL ELECTIVE - VI (8th sem)
Distributed Systems
Human Computer Interaction
Cyber Forensics
Data Stream Mining
Web Security
Semantic Web

OPEN ELECTIVE

OPEN ELECTIVE - I (6th sem)
Game Theory
VLSI Design
Real Time & Embedded System
Advanced Operating System
Agile Software Development

OPEN ELECTIVE - II (7th sem)
Mobile Computing
Expert Systems
Augmented Reality – Virtual Reality –Intermediate
Data Warehousing and Mining
Cloud Computing

OPEN ELECTIVE - III (8th sem)
Evolutionary Computing
GIS & Remote Sensing
Operation Research
Parallel Computing
Advanced Computer Network


IBM

B. TECH

IN ARTIFICIAL INTELLIGENCE & DATA SCIENCE
IN ASSOCIATION WITH IBM

INTRODUCTION :

The B Tech program in Artificial Intelligence and Data Science, offered in association with the tech behemoth IBM; combines two broad areas, that is, Artificial Intelligence and Data Science, while building a strong foundation in Computer Science. The curriculum includes courses in computer science, mathematics, artificial intelligence, machine learning, and their applications in various domains. The program also allows the students to venture into Management specialization with AI and Technology focus, leading to B Tech degree, as well as entrepreneurial activities. The program also enables the students to build strong industry linkages in terms of practical training program, summer internships, and co-supervision on projects with the support of MoU partner IBM which is a partner in terms of offering this super specialized B Tech program.

SALIENT FEATURES OF ASSOCIATION WITH IBM

- The corporate interface programme - B. Tech in Artificial Intelligence and Data Science has been designed in collaboration with IBM for the School of Engineering & IT.
- Entire B. Tech Curriculum has been designed with inputs from the Industry
- Every semester, one course will be taught by IBM Subject Matter Experts
- Each course is credit based and evaluated as per UGC norms by Industry Expert
- Work on Enterprise Software through IBM sponsored University Lab & Cloud Access
- Real Time project Development
- Each semester, students will earn a badge / certificate
- Get access to the pool of course material through IBM. Industry software access for free
- Earn a joint certificate from the Tech Giant IBM upon the successful completion of the Degree
- Participate in various National & International Competitions
- Industry visit to IBM for LIVE Industry experience
- Increase the chances of Global recruitment

STAY AHEAD WITH VALUE-ADDED COURSES

ADVANCED AI & ML TECHNIQUES

- Deep Learning with TensorFlow & PyTorch
- Computer Vision & Image Processing
- Natural Language Processing (NLP) & Chatbots
- Reinforcement Learning & AI in Gaming

CLOUD COMPUTING & DEPLOYMENT

- MLOps & Model Deployment on Cloud (AWS, GCP, Azure)
- Edge AI & IoT Integration
- Serverless Computing & AI in Cloud

DATA SCIENCE & BIG DATA

- Big Data Analytics with Hadoop & Spark
- Data Engineering & Pipeline Development
- Data Visualization with Power BI & Tableau
- Time Series Analysis & Forecasting

ETHICS, GOVERNANCE & BUSINESS APPLICATIONS

- AI Ethics, Bias & Explainability
- AI & DS for Sustainable Development Goals (SDGs)
- Blockchain & AI for Secure Data Transactions
- Business Intelligence & Decision-Making with AI

AI & DS FOR INDUSTRY APPLICATIONS

- AI in Healthcare & Bioinformatics
- Financial Analytics & Fraud Detection
- Retail & E-Commerce Data Analytics
- AI for Cybersecurity & Threat Detection

PROGRAMMING & TOOLS

- Advanced Python for AI & Data Science
- SQL & NoSQL Databases for Data Science
- Docker & Kubernetes for AI Model Deployment
- GitHub & Version Control for AI/ML Projects

PROGRAM HIGHLIGHTS

CORE CONCEPTS IN AI & DATA SCIENCE

- Mathematics & Statistics for AI & DS
- Fundamentals of Machine Learning & Deep Learning
- Data Structures & Algorithms for AI Applications
- Big Data Analytics & Data Engineering

PROGRAMMING & TOOLS

- Python, R, and SQL for AI & Data Science
- Libraries & Frameworks (TensorFlow, PyTorch, Scikit-Learn)
- Data Visualization Tools (Tableau, Power BI, Matplotlib, Seaborn)
- Cloud Computing & AI Deployment (AWS, GCP, Azure)

SPECIALIZATION AREAS & INDUSTRY APPLICATIONS

- Computer Vision & Image Processing (Face Recognition, Object Detection)
- Natural Language Processing (NLP) (Chatbots, Sentiment Analysis)
- AI in Healthcare, Finance, and Cybersecurity
- Reinforcement Learning & Robotics

AI ETHICS, REGULATIONS & FUTURE TRENDS

- Ethical AI & Bias in Machine Learning
- AI for Sustainable Development Goals (SDGs)
- Responsible AI & Governance

HANDS-ON PROJECTS & PRACTICAL LEARNING

- Real-World Case Studies & Industry Projects
- Hackathons, AI/ML Competitions (Kaggle, Google AI Challenges)
- Capstone Project & Portfolio Development

CAREER READINESS & INDUSTRY COLLABORATION

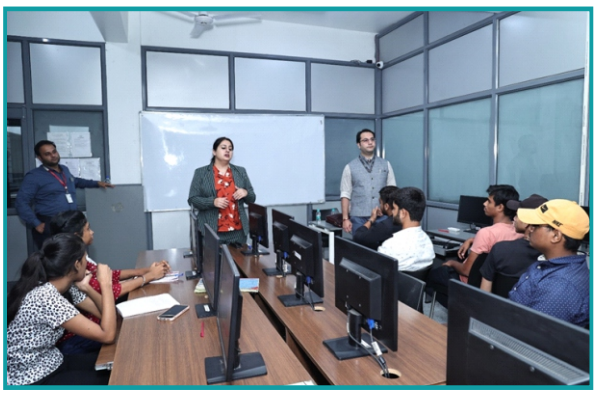
- Internships & Industry Mentorship
- Certification Programs (Google AI, Microsoft AI, AWS ML)
- Resume Building & Placement Assistance

ADVANTAGES FOR STUDENTS

- As a part of this contemporary programme, students will go through the curriculum as recommended by the Tech Giant IBM.
- The partnership with IBM would help in building critical technology skills for tomorrow.
- This academia-industry collaboration deems fit for preparing the undergraduate technical students for the
- corporate world and would help them sustain in this highly competitive world.

THE IBM AND AJU COLLABORATION WOULD HELP THE STUDENT TO

- Learn the emerging technology from day one once you get admitted in the programme
- Gain exposure to real-time Industry environment while undergoing the degree programme
- Work on real-life scenarios and embrace latest technologies while studying the degree programme
- Gain access to enterprise software(s) used by prominent industries
- Get trained on the technology / platform as designed by industry-designated experts
- Work on real-time application development / business case problems
- Get globally valid IBM certificate and digital badges upon the successful completion of the programme
- Pursue better Career and Placement prospects



IBM

JGI

ARKA JAIN University
Jharkhand

NAAC GRADE A
ACCREDITED UNIVERSITY

IBM Software Lab
on Emerging Technologies

Initiative of the Career Education Program

GLIMPSE OF COMPANIES / SECTORS USING IBM TECHNOLOGIES

- ACCENTURE
- ACER
- ADITYA BIRLA FASHION AND RETAIL
- AIRBUS
- AT&T
- AXIS BANK
- APPLE
- ABB INDIA
- ACCENTURE SERVICES PVT LTD
- ACE SOFTWARE SOLUTION
- AMDOCS
- BARCLAYS
- BHARTI AIRTEL
- BARCLAYS TECHNOLOGY CENTER INDIA
- BIRLASOFT
- COCA COLA
- CONCENTRIX
- CONVENANT IT SERVICES
- CYBER TECH SOLUTIONS
- LIFE INSURANCE CORPORATION OF INDIA
- COGNIZANT INDIA PVT LTD
- COMPEST SOLUTIONS INC
- EUROCHANGE INDIA PVT LTD
- EXPLORESYS TECHNOLOGIES
- FORD
- FOMENT TECHNOLOGIES
- FCS SOFTWARE SOLUTION LTD
- HEWITT ASSOCIATES
- HOCH TECHNOLOGIES PVT LTD
- HCL
- DIYA SYSTEMS
- INDIAN OIL CORPORATION
- INDIAN TOBACCO COMPANY
- INFOSYS
- ISUZU
- JAPAN AIRLINES
- JONSON AND JONSON
- KFC
- KPMG
- LENOVO
- FORTIS HEALTHCARE
- FIDELITY
- GENPACT
- GLOBALLOGIC
- L'OREAL
- MAHINDRA GROUP
- MERCEDES
- MINDTREE
- NESTLE
- MOTOROLA
- NIKE
- HDFC,ICICI,HSBC,
- WHATSAPP
- RENAULT
- SIEMENS
- SINGAPORE AIRLINE
- CAPGEMINI INDIA PVT LTD
- CGI
- COVANSYS INDIA LTD
- LG

- Digital Badges can be shared over various social media platforms, can be added in Resume and Email Signatures
- Any third party can validate student's achievement through a QR code, unique id and Digital Badge code.
- Such badges are valid worldwide and appreciated by Industries and reputed institutions
- Students also receives corresponding opportunities to work in India and oversees through such portals.

CAREER OPPORTUNITIES

CORE AI & DATA SCIENCE ROLES

- Data Scientist, AI/ML Engineer, Data Analyst, Deep Learning Engineer, Big Data Engineer

AI IN SOFTWARE & IT DEVELOPMENT

- AI Research Scientist, Computer Vision Engineer, Natural Language Processing (NLP) Engineer, MLOps Engineer, Cloud AI Engineer

AI & DS IN BUSINESS AND FINANCE

- Business Intelligence Analyst, Risk & Fraud Analyst, Quantitative Analyst, AI Consultant

AI IN HEALTHCARE & LIFE SCIENCES

- Healthcare Data Scientist, Bioinformatics Specialist, AI in Medical Imaging Expert

EMERGING AI & DS CAREERS

- AI Ethics & Policy Specialist, Autonomous Systems Engineer, AI in Cybersecurity Specialist, AI Product Manager

UNIQUE COURSES

AI & DS for Emerging Technologies

- Quantum Machine Learning, Edge AI & IoT, AI in Blockchain & Cryptography, AI for Cybersecurity & Ethical Hacking

INTERDISCIPLINARY AI & DS COURSES

- AI in Healthcare & Bioinformatics, AI for Climate Change & Sustainability, AI in Finance & Algorithmic Trading, AI in Robotics & Automation

CREATIVE & SOCIAL AI COURSES

- AI for Music & Art Generation, AI & Psychology: Human-Computer Interaction, Ethical AI & Explainable AI (XAI), AI in Journalism & Content Creation

HANDS-ON & CAREER-ORIENTED AI COURSES

- MLOps & AI Model Deployment, Data Science for Social Good, Startup & AI Entrepreneurship, AI for Smart Cities & Urban Planning

EMERGING AI & DS CAREERS

- AI Ethics & Policy Specialist, Autonomous Systems Engineer, AI in Cybersecurity Specialist, AI Product Manager

AT THE END OF THE PROGRAM, THE STUDENT WILL GET –

- B Tech degree in Artificial Intelligence & Data Science from the University
- World-wide valid joint certificate and Digital Badges from IBM mentioning the industry subjects covered
- On the completion of certification, students would receive an email from Credly and their Credly professional profile would be created

IBM DAY CELEBRATION

PROGRAM STRUCTURE

B. TECH IN ARTIFICIAL INTELLIGENCE & DATA SCIENCE IN ASSOCIATION WITH IBM

SEMESTER I

GROUP A
Engineering Mathematics-I
Engineering Physics
Programming for Problem Solving
Basic Electrical Engineering
Biology for Engineers
Computer Aided Engineering Graphics
Sports and Yoga Or NSS/NCC
PRACTICAL
Engineering Physics Laboratory
Basic Electrical Engineering Laboratory
Programming for Problem Solving Laboratory
Computer Aided Engineering GraphicsLaboratory

GROUP B
Engineering Mathematics–I
Engineering Chemistry
Introduction to ML using Python
English for Skill Enhancement
Universal Human Values
Manufacturing Practice
Constitution Of India
PRACTICAL
Engineering Chemistry Laboratory
Python Programming Laboratory
Design Thinking and Idea Laboratory
Engineering Workshop Practices
English Language & Communication Skills Laboratory

SEMESTER II

GROUP A
Engineering Mathematics–II
Engineering Chemistry
Introduction to ML using Python
English for Skill Enhancement
Universal Human Values
Manufacturing Practice
Constitution of India
PRACTICAL
Engineering Chemistry Laboratory
Python Programming Laboratory
Design Thinking and Idea Laboratory
Engineering Workshop
English Language & Communication Skills Laboratory

GROUP B
Engineering Mathematics-I
Engineering Physics
Programming for Problem Solving
Basic Electrical Engineering
Biology for Engineers
Computer Aided Engineering Graphics
Sports and Yoga Or NSS/NCC
PRACTICAL
Engineering Physics Laboratory
Basic Electrical Engineering Laboratory
Programming for Problem Solving Laboratory
Computer Aided Engineering GraphicsLaboratory

SEMESTER III

Engineering Mathematics–III
Data Structures
Digital Electronics
Computer Organization and Architecture
Programming with Java
Cloud Fundamentals
Gender Sensitization
PRACTICAL
Data Structures Laboratory
Digital Electronics Laboratory
Programming with Java Laboratory

SEMESTER IV

Discrete Mathematics
Operating Systems
Relational Database Management Systems
Data Visualization
Design & Analysis of Algorithms
Environmental Science
PRACTICAL
Operating Systems Laboratory
Relational Database Management Systems Laboratory
Design and Analysis of Algorithms Laboratory

SEMESTER V

Computer Networks
Software Engineering
Predictive Analytics
Professional Elective-I
Professional Elective -II
Essence of Indian Knowledge Tradition
PRACTICAL
Computer Networks Laboratory
Predictive Analytics Laboratory
Summer Internship-I (3-4 Weeks)

SEMESTER VI

Introduction to Machine Learning
Data Science
Professional Elective – III
Professional Elective -IV
Open Elective-I
Intellectual Property Rights
PRACTICAL
Introduction to Machine Learning Laboratory
Data Science Laboratory
Professional Elective – III Laboratory

SEMESTER VII

Big Data Analytics
Artificial Intelligence
Professional Elective -V
Open Elective-II
Professional Practice, Law & Ethics
PRACTICAL
Big Data Analytics Laboratory
Artificial Intelligence Laboratory
Summer Internship-II (3-4 week)
Minor Project

SEMESTER VIII

Organizational Behavior
Professional Elective – VI
Open Elective – III
PRACTICAL
Major Project
Extra- Curricular/ Co-Curricular Activity

PROFESSIONAL ELECTIVE

PROFESSIONAL ELECTIVE - I (5th sem)
Graph Theory
Data Analytics
Data Warehousing and Business Intelligence
Quantum Computing
Spatial and Multimedia Databases
Image Processing

PROFESSIONAL ELECTIVE – II (5th sem)
Embedded Systems
Information Retrieval Systems
Distributed Databases
Natural Language Processing
Software Project Management
Computer Vision and Robotics

PROFESSIONAL ELECTIVE - III (6th sem)
Full Stack Development
Internet of Things
Scripting Languages
Mobile Application Development
DevOps
Computer Graphics

PROFESSIONAL ELECTIVE - IV (6th sem)
Data Mining
Soft Computing
Speech and Video Processing
Database Security
Software Testing Methodologies
Randomized Algorithms

PROFESSIONAL ELECTIVE - V (7th sem)
Advanced Algorithms
Robotic Process Automation
Blockchain Technology
Software Process & Project Management
Privacy Preserving Data Publishing
Mining Massive Datasets

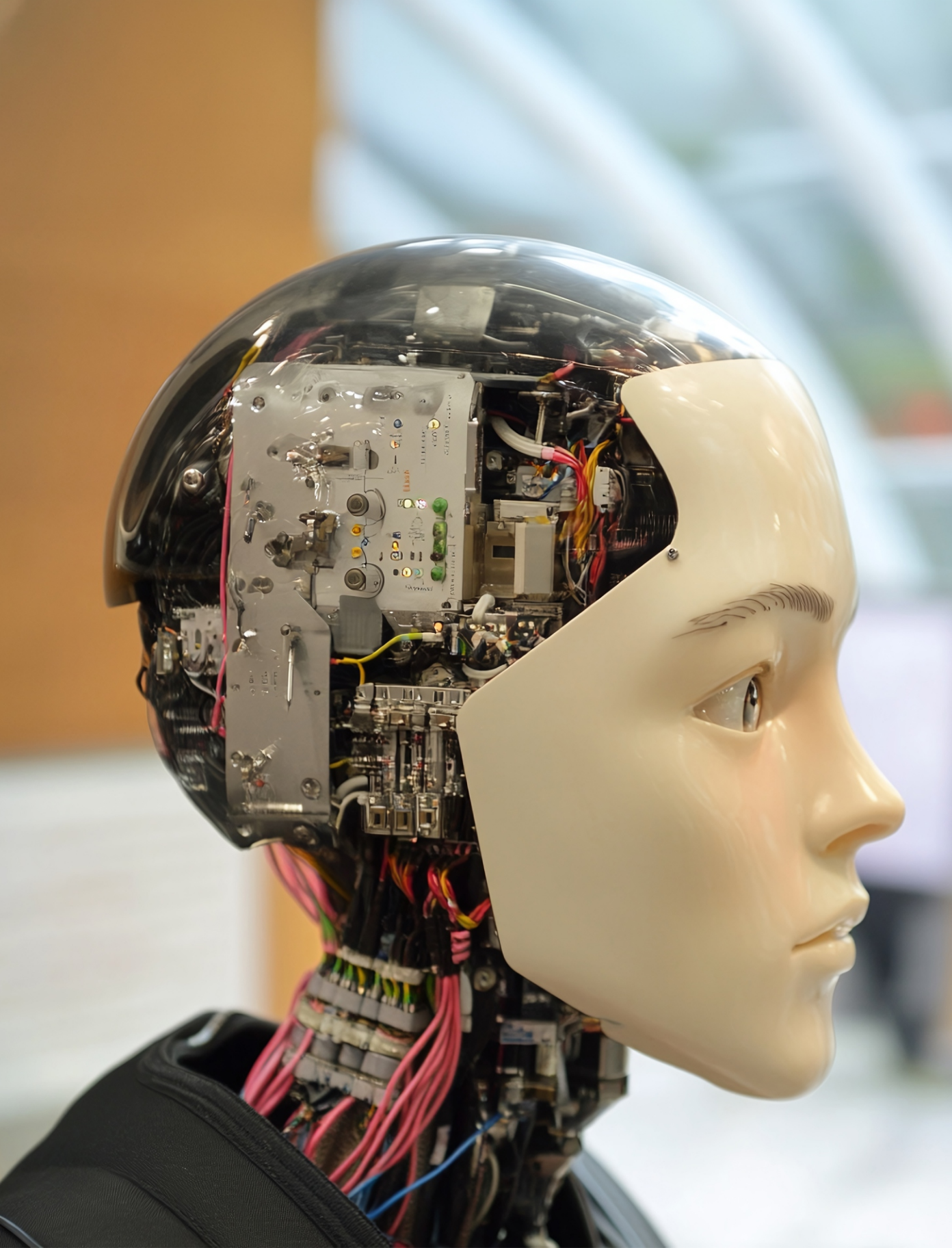
OPEN ELECTIVE

PROFESSIONAL ELECTIVE - VI (8th sem)
Distributed Systems
Human Computer Interaction
Cyber Forensics
Data Stream Mining
Web Security
Semantic Web

OPEN ELECTIVE -I (6th sem)
Game Theory
VLSI Design
Real Time & Embedded System
Advanced Operating System
Agile Software Development

OPEN ELECTIVE - II (7th sem)
Mobile Computing
Expert Systems
Augmented Reality – Virtual Reality –Intermediate
Data Warehousing and Mining
Cloud Computing

OPEN ELECTIVE - III (8th sem)
Evolutionary Computing
GIS & Remote Sensing
Operation Research
Parallel Computing
Advanced Computer Network



B. TECH

IN ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

ABOUT THE PROGRAM

A Bachelor of Technology (B. Tech) program in Artificial Intelligence (AI) and Machine Learning (ML) is cutting-edge and designed for students passionate about the future of intelligent systems, to equip students with the latest technological advancements in AI, deep learning, and data science.

This program offers a blend of theoretical knowledge and practical applications, enabling students to develop intelligent systems capable of solving real-world challenges.

Core areas of study include machine learning algorithms, deep learning techniques, natural language processing, computer vision, and robotics. The curriculum is structured to build strong foundations in programming, mathematics, and statistical modelling, while also focusing on advanced AI techniques and neural networks.

STAY AHEAD WITH VALUE-ADDED COURSES

To ensure that students remain at the forefront of technological advancements, the AIML program offers several recent and futuristic value-added courses, including:

- Deep Learning & Neural Networks
- Natural Language Processing (NLP)
- Computer Vision & Image Processing
- AI for Healthcare & Finance
- Edge Computing & IoT in AI
- Block chain & AI Integration
- Ethical AI & Responsible AI Development
- Cybersecurity & AI-driven Threat Detection

PROGRAM HIGHLIGHTS

- The B. Tech AI-ML program offers an industry-aligned curriculum with hands-on, project-based learning and access to state-of-the-art AI labs.
- Students benefit from internships and research collaborations with leading AI companies and institutes.
- Participation in hackathons and global competitions is encouraged, along with opportunities to earn certifications like those from Google Developer Groups, Microsoft Learn Student Ambassadors.
- Additionally, entrepreneurship support through incubation center and expert mentorship to foster AI-driven start-ups.
- Emphasizes ethical AI practices and real-world impact through innovation-driven learning

CAREER OPPORTUNITIES

Graduates of B. Tech AI-ML have diverse career paths in cutting-edge technology domains, such as:

- AI Engineer
- Machine Learning Engineer
- Data Scientist
- Computer Vision Engineer
- Robotics Engineer
- Big Data Analyst
- AI Research Scientist
- AI Ethics Consultant
- Cybersecurity AI Specialist
- Software Developer in AI-based applications

UNIQUE COURSES

The B. Tech AI-ML program offers specialized courses tailored to industry demands and future advancements:

- Machine Learning
- Computer Networks
- Deep Learning
- Internet of Things
- Soft Computing
- Game Theory
- Parallel Computing
- Human Computer Interaction
- Mining Massive Datasets
- Privacy Preserving Data Publishing

PROGRAM STRUCTURE

B. TECH IN ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

SEMESTER I

GROUP A
Engineering Mathematics-I
Engineering Physics
Programming for Problem Solving
Basic Electrical Engineering
Biology for Engineers
Computer Aided Engineering Graphics
Sports and Yoga Or NSS/NCC
PRACTICAL
Engineering Physics Laboratory
Basic Electrical Engineering Laboratory
Programming for Problem Solving Laboratory
Computer Aided Engineering GraphicsLaboratory

GROUP B
Engineering Mathematics–I
Engineering Chemistry
Introduction to ML using Python
English for Skill Enhancement
Universal Human Values
Manufacturing Practice
Constitution Of India
PRACTICAL
Engineering Chemistry Laboratory
Python Programming Laboratory
Design Thinking and Idea Laboratory
Engineering Workshop Practices
English Language & Communication Skills Laboratory

SEMESTER II

GROUP A
Engineering Mathematics–II
Engineering Chemistry
Introduction to ML using Python
English for Skill Enhancement
Universal Human Values
Manufacturing Practice
Constitution of India
PRACTICAL
Engineering Chemistry Laboratory
Python Programming Laboratory
Design Thinking and Idea Laboratory
Engineering Workshop
English Language & Communication Skills Laboratory

GROUP B
Engineering Mathematics-I
Engineering Physics
Programming for Problem Solving
Basic Electrical Engineering
Biology for Engineers
Computer Aided Engineering Graphics
Sports and Yoga Or NSS/NCC
PRACTICAL
Engineering Physics Laboratory
Basic Electrical Engineering Laboratory
Programming for Problem Solving Laboratory
Computer Aided Engineering GraphicsLaboratory

SEMESTER III

Engineering Mathematics–III
Data Structures
Digital Electronics
Computer Organization and Architecture
Object Oriented Programming through Java
Gender Sensitization
PRACTICAL
Data Structures Laboratory
Digital Electronics Laboratory
Object Oriented Programming through Java Laboratory
Data visualization- R Programming/ Power BI

SEMESTER IV

Discrete Mathematics
Operating Systems
Database Management Systems
Software Engineering
Design and Analysis of Algorithms
Environmental Science
PRACTICAL
Operating Systems Laboratory
Database Management Systems Laboratory
Design and Analysis of Algorithms Laboratory

SEMESTER V

Computer Networks
Machine Learning
Introduction to Artificial Intelligence
Professional Elective-I
Professional Elective -II
Essence of Indian Knowledge Tradition
PRACTICAL
Computer Networks Laboratory
Machine Learning Laboratory
Introduction to Artificial Intelligence Laboratory
Summer Internship-I (3-4 week)

SEMESTER VI

Knowledge Representation and Reasoning
Deep Learning
Nature Inspired Computing
Professional Elective – III
Professional Elective -IV
Open Elective-I
Intellectual Property Rights
PRACTICAL
Deep Learning Laboratory
Professional Elective – III Laboratory

SEMESTER VII

Natural Language Processing
Data Analytics
Professional Elective -V
Open Elective - II
Professional Practice, Law & Ethics
PRACTICAL
Natural Language Processing Laboratory
Data Analytics Laboratory
Summer Internship-II (3-4 week)
Minor Project

SEMESTER VIII

Organizational Behavior
Professional Elective – VI
Open Elective – III
PRACTICAL
Major Project
Extra- Curricular/ Co-Curricular Activity

PROFESSIONAL ELECTIVE

PROFESSIONAL ELECTIVE - I (5th sem)
Graph Theory
Data Analytics
Data Warehousing and Business Intelligence
Quantum Computing
Spatial and Multimedia Databases
Image Processing

PROFESSIONAL ELECTIVE – II (5th sem)
Embedded Systems
Information Retrieval Systems
Distributed Databases
Natural Language Processing
Software Project Management
Computer Vision and Robotics

PROFESSIONAL ELECTIVE - III (6th sem)
Full Stack Development
Internet of Things
Scripting Languages
Mobile Application Development
DevOps
Computer Graphics

PROFESSIONAL ELECTIVE - IV (6th sem)
Data Mining
Soft Computing
Speech and Video Processing
Database Security
Software Testing Methodologies
Randomized Algorithms

PROFESSIONAL ELECTIVE - V (7th sem)
Advanced Algorithms
Robotic Process Automation
Blockchain Technology
Software Process & Project Management
Privacy Preserving Data Publishing
Mining Massive Datasets

PROFESSIONAL ELECTIVE - VI (8th sem)
Distributed Systems
Human Computer Interaction
Cyber Forensics
Data Stream Mining
Web Security
Semantic Web

OPEN ELECTIVE

OPEN ELECTIVE -I (6th sem)
Game Theory
VLSI Design
Real Time & Embedded System
Advanced Operating System
Agile Software Development

OPEN ELECTIVE - II (7th sem)
Mobile Computing
Expert Systems
Augmented Reality – Virtual Reality –Intermediate
Data Warehousing and Mining
Cloud Computing

OPEN ELECTIVE - III (8th sem)
Evolutionary Computing
GIS & Remote Sensing
Operation Research
Parallel Computing
Advanced Computer Network

B. TECH
IN MECHANICAL ENGINEERING

ABOUT THE PROGRAM

The B. Tech in Mechanical Engineering is a comprehensive and versatile undergraduate program designed to provide a strong foundation across key engineering domains. The curriculum is thoughtfully crafted to offer a well-rounded educational experience that integrates design, mathematics, modelling, computing, engineering sciences, and elements of management, along with exposure to humanities, social sciences, and fine arts.

Core areas of study include fluid mechanics, thermodynamics and heat transfer, solid mechanics, materials science, manufacturing processes, energy systems, dynamics and control, as well as modern tools like Computer-Aided Design (CAD) and Computer Integrated Manufacturing (CIM).

This broad-based and adaptable program enables students to tailor their learning paths according to their individual interests and career aspirations. Whether aiming for roles in industry, research, graduate studies, or technical management, students are well-prepared to step into a range of dynamic opportunities with confidence and competence.

STAY AHEAD WITH VALUE-ADDED COURSES

Enhance your technical edge and boost your employability with certification courses tailored to the demands of modern engineering industries:

- **AUTOCAD CERTIFICATION :** Master the fundamentals of 2D and 3D design applicable across architecture, manufacturing, and engineering domains.
- **CATIA V5 CERTIFICATION :** Gain hands-on expertise in CATIA V5, widely used for high-precision mechanical design & product modelling.
- **SIEMENS NX CERTIFICATION :** Learn advanced techniques in Siemens NX, a powerful tool for 3D design, simulation, & manufacturing engineering.
- **SOLIDWORKS CERTIFICATION :** Develop strong skills in SOLIDWORKS for creating innovative mechanical designs & parametric models.
- **PTC CREO CERTIFICATION :** Explore robust 3D CAD capabilities through PTC Creo to streamline mechanical design & product development processes.

PROGRAM HIGHLIGHTS

- **MODERN LABORATORIES :** Equipped with the latest tools and technology for hands-on learning in mechanical engineering.
- **EXPERIENCED FACULTY MEMBERS :** Professors & lecturers with substantial academic & industry experience in mechanical engineering.
- **INDUSTRY INTERACTION :** Regular guest lectures, workshops, & internships with leading mechanical & manufacturing companies.
- **RESEARCH OPPORTUNITIES :** Opportunities to engage in research on advanced manufacturing, materials science, and robotics.
- **COLLABORATIVE PROJECTS :** Encouragement to participate in collaborative projects and practical workshops.
- **TECHNICAL CLUBS AND ORGANIZATIONS :** Access to mechanical engineering-focused technical clubs & student organizations.

UNIQUE COURSES

- Automation in Manufacturing
- Refrigeration & Air Conditioning
- Kinematics & Dynamics of Machinery
- Artificial Intelligence in Mechanical Engineering
- Industrial Management
- Design for Manufacturing & Assembly

CAREER OPPORTUNITIES AFTER B. TECH IN MECHANICAL ENGINEERING

CORE ENGINEERING ROLES

- Design Engineer – Work with CAD tools like AutoCAD, SolidWorks, CATIA
- Manufacturing Engineer – Oversee production, quality, and process optimization
- Automobile Engineer – Design and test vehicle components for companies like TATA, Mahindra
- Aerospace Engineer – Roles in ISRO, DRDO, HAL, Boeing, etc.
- Power Plant Engineer – Operate thermal, nuclear, or renewable energy systems
- Maintenance Engineer – Ensure smooth functioning of industrial equipment
- Robotics & Automation Engineer – Develop solutions for smart manufacturing
- Oil & Gas Sector – Opportunities in ONGC, Schlumberger, Reliance, etc.
- Defence Sector – Work in DRDO, BHEL, or join armed forces through technical entries

GOVERNMENT SECTOR OPPORTUNITIES

- ESE/IES (UPSC) – Central engineering roles
- PSUs via GATE – BHEL, GAIL, IOCL, ONGC, NTPC, etc.
- Railways & SSC JE – Roles in RRB, IRMS, and state departments
- ISRO/DRDO/BARC – Research & development positions

NON-CORE CAREER PATHS

- Data Science & AI – With Python, MATLAB, and ML knowledge
- Software & IT – CAD software development, cloud computing, automation
- Business Analyst – Leverage problem-solving in corporate decision-making
- Banking & Finance – Appear for exams like SBI PO, IBPS PO
- Entrepreneurship – Launch ventures in manufacturing, design, or robotics

HIGHER STUDIES

- M. Tech/ MS – Specializations in core fields like Robotics, Automobile, Aerospace
- MBA – Focus on Operations, Supply Chain, or Finance
- PG Diploma Courses – CAD/CAM, Industrial Safety, 3D Printing, etc.
- International Studies – MS opportunities in the USA, Germany, Canada

PROGRAM STRUCTURE

B. TECH IN MECHANICAL ENGINEERING

SEMESTER I

GROUP A
Engineering Mathematics-I
Engineering Physics
Programming for Problem Solving
Basic Electrical Engineering
Biology for Engineers
Computer Aided Engineering Graphics
Sports and Yoga Or NSS/NCC
PRACTICAL
Engineering Physics Laboratory
Basic Electrical Engineering Laboratory
Programming for Problem Solving Laboratory
Computer Aided Engineering GraphicsLaboratory

GROUP B
Engineering Mathematics–I
Engineering Chemistry
Introduction to ML using Python
English for Skill Enhancement
Universal Human Values
Manufacturing Practice
Constitution Of India
PRACTICAL
Engineering Chemistry Laboratory
Python Programming Laboratory
Design Thinking and Idea Laboratory
Engineering Workshop Practices
English Language & Communication Skills Laboratory

SEMESTER II

GROUP A
Engineering Mathematics–II
Engineering Chemistry
Introduction to ML using Python
English for Skill Enhancement
Universal Human Values
Manufacturing Practice
Constitution of India
PRACTICAL
Engineering Chemistry Laboratory
Python Programming Laboratory
Design Thinking and Idea Laboratory
Engineering Workshop
English Language & Communication Skills Laboratory

GROUP B
Engineering Mathematics-I
Engineering Physics
Programming for Problem Solving
Basic Electrical Engineering
Biology for Engineers
Computer Aided Engineering Graphics
Sports and Yoga Or NSS/NCC
PRACTICAL
Engineering Physics Laboratory
Basic Electrical Engineering Laboratory
Programming for Problem Solving Laboratory
Computer Aided Engineering GraphicsLaboratory

SEMESTER III

Engineering Mathematics–III
Engineering Mechanics
Metallurgy & Material Science
Production Technology-I
Thermodynamics
Gender Sensitization
PRACTICAL
Production Technology-I Laboratory
Engineering Mechanics Laboratory
Computer Aided Machine Drawing
Thermal Engineering Laboratory

SEMESTER IV

Basic Electronics Engineering
Mechanics of Solid
Production Technology-II
Fluid Mechanics & Hydraulic Machines
IC Engines & Gas Turbines
Instrumentation and Control Systems
Environmental Science
PRACTICAL
Basic Electronics Engineering Laboratory
Fluid Mechanics & Hydraulic Machines Laboratory
Mechanics of Solid Laboratory

SEMESTER V

Kinematics & Dynamics of Machinery
Measurement & Metrology
Professional Elective-I
Professional Elective-II
CAD/CAM
Essence of Indian Knowledge Tradition
PRACTICAL
Measurement & Metrology Laboratory
Kinematics & Dynamics of Machinery Laboratory
Summer Internship-I (3-4 week)

SEMESTER VI

Machine Design
Heat & Mass Transfer
Finite Element Methods
Professional Elective – III
Open Elective-I
Mechatronics, Robotics & Control Sytem
Intellectual Property Rights
PRACTICAL
Heat & Mass Transfer Laboratory
Mechatronics, Robotics & Control System Lab

SEMESTER VII

Industrial Management
Refrigeration & Air Conditioning
Professional Elective -IV
Professional Elective -V
Open Elective - II
Professional Practice, Law & Ethics
PRACTICAL
Refrigeration & Air Conditioning Laboratory
Summer Internship-II (4 week)
Minor Project

SEMESTER VIII

Organizational Behavior
Professional Elective – VI
Open Elective – III
PRACTICAL
Major Project
Extra- Curricular/ Co-Curricular Activity

PROFESSIONAL ELECTIVE

PROFESSIONAL ELECTIVE - I (5th Sem)
Unconventional Machining Processes
Production Planning & Control
Operations Research
Microprocessors in Automation
Design for Manufacturing & Assembly

PROFESSIONAL ELECTIVE – II (5TH SEM)
Additive Manufacturing
Automation in Manufacturing
Artificial Intelligence in Mechanical Engineering
Mechatronics
Die, Mold and Tool Engineering

PROFESSIONAL ELECTIVE – III (6TH SEM)
Power plant Engineering
Automobile Engineering
Non-Conventional Energy Sources
Fuel cell Technology
Engineering System Design Optimization

PROFESSIONAL ELECTIVE – IV (7TH SEM)
Re-Engineering
Computational Fluid Dynamics
Turbo Machinery
Fluid Power System
Surface Engineering

PROFESSIONAL ELECTIVE – V (7TH SEM)
Industrial Robotics
Mechanical Vibrations
Composite Materials
Energy Conservation and Management
Fatigue and Fracture Analysis

PROFESSIONAL ELECTIVE – VI (8TH SEM)
Industry 4.0
Fuzzy Logic and ANN
Electric and Hybrid Vehicles
Total Quality Management
Hydrogen and Alternative Fuel

OPEN ELECTIVE

OPEN ELECTIVE - I (6TH SEM)
Value Engineering
Computer Networking Web-Based Technology
Data Analytics
Quality Assurance and Reliability
Product Innovation

OPEN ELECTIVE - II (7TH SEM)
Quantitative Analysis for Business Decisions
Industrial Engineering & Management
Internet of Things
Numerical and scientific Computing
E-Mobility

OPEN ELECTIVE – III (8TH SEM)
Entrepreneurship Development
Finance and Accounting
Supply Chain Management
Food Technology
Industrial Psychology

B. TECH

IN ELECTRICAL & ELECTRONICS ENGINEERING

ABOUT THE PROGRAM

B. Tech in Electrical and Electronics Engineering (EEE) is a four-year undergraduate program that focuses on the study of electrical systems, electronic devices, and power generation, transmission, and distribution. It blends core electrical engineering principles with modern electronics, automation, and control technologies to prepare students for a dynamic career in the energy and technology sectors.

SKILLS DEVELOPED

During the B. Tech in EEE program, students develop a mix of technical, analytical, and problem-solving skills that are essential for various industries.

STAY AHEAD WITH VALUE-ADDED COURSES

To complement the core curriculum, we offer recent and futuristic value-added courses, ensuring that students remain at the forefront of industry trends. These include:

SOME OF THESE VALUE-ADDED COURSES ARE:

- Industrial Automation & PLC Programming
- Electrical CAD (Computer-Aided Design)
- Renewable Energy Systems
- Electric Vehicle (EV) Technology
- Internet of Things (IoT) for Electrical Applications
- Embedded Systems & Microcontroller Programming
- Electrical Safety & Energy Audit
- High Voltage Engineering & Testing
- Drone Technology & Wireless Communication
- Robotics & Automation

CAREER OPPORTUNITIES

Graduates of B. Tech EEE have diverse career paths in cutting-edge technology domains, such as:

- Automation & Robotics
- Automation Engineer, Robotics Engineer
- Renewable Energy & Sustainability
- Renewable Energy Engineer, Energy Consultant
- Electric Vehicles (EV) & Smart Grid
- EV Design Engineer, Smart Grid Engineer
- IT & Software Roles for EEE Graduates
- IoT Engineer, AI & Machine Learning Engineer, Cybersecurity Engineer (for Power Systems)
- Government Jobs & PSUs through Exams
- For those looking for stable careers in government sectors.

HIGHER STUDIES & RESEARCH

For those who want to pursue M. Tech, MBA, MS, or Ph.D.:

- M. Tech in Power Systems, Embedded Systems, AI & Robotics
- MBA in Power Management, Operations, or Technology Management
- Ph.D. in Electrical Engineering for R&D roles

UNIQUE COURSES

- Analog Electronic Circuits
- Measurements and Instrumentation
- Computer Aided Electrical Machine Design
- Electric and Hybrid Vehicles
- AI Techniques in Electrical Engineering
- Electrical Energy Conservation & Auditing
- Electrical Maintenance & Troubleshooting
- Power Generation Technologies

PROGRAM STRUCTURE

B. TECH IN ELECTRICAL & ELECTRONICS ENGINEERING

SEMESTER I

GROUP A	GROUP B
Engineering Mathematics-I	Engineering Mathematics–I
Engineering Physics	Engineering Chemistry
Programming for Problem Solving	Introduction to ML using Python
Basic Electrical Engineering	English for Skill Enhancement
Biology for Engineers	Universal Human Values
Computer Aided Engineering Graphics	Manufacturing Practice
Sports and Yoga Or NSS/NCC	Constitution Of India
PRACTICAL	**PRACTICAL**
Engineering Physics Laboratory	Engineering Chemistry Laboratory
Basic Electrical Engineering Laboratory	Python Programming Laboratory
Programming for Problem Solving Laboratory	Design Thinking and Idea Laboratory
Computer Aided Engineering GraphicsLaboratory	Engineering Workshop Practices
	English Language & Communication Skills Laboratory

SEMESTER II

GROUP A	GROUP B
Engineering Mathematics–II	Engineering Mathematics-I
Engineering Chemistry	Engineering Physics
Introduction to ML using Python	Programming for Problem Solving
English for Skill Enhancement	Basic Electrical Engineering
Universal Human Values	Biology for Engineers
Manufacturing Practice	Computer Aided Engineering Graphics
Constitution of India	Sports and Yoga Or NSS/NCC
PRACTICAL	**PRACTICAL**
Engineering Chemistry Laboratory	Engineering Physics Laboratory
Python Programming Laboratory	Basic Electrical Engineering Laboratory
Design Thinking and Idea Laboratory	Programming for Problem Solving Laboratory
Engineering Workshop	Computer Aided Engineering GraphicsLaboratory
English Language & Communication Skills Laboratory	

SEMESTER III

Engineering Mathematics–III
Electrical Machines-I
Network Theory
Analog Electronic Circuits
Electro Magnetic Fields Theory
Gender Sensitization
PRACTICAL
Electrical Simulation tools Laboratory
Electrical Machines -I Laboratory
Analog Electronic Circuits Laboratory
Network Theory Laboratory

SEMESTER IV

Measurements and Instrumentation
Electrical Machines–II
Digital Electronics
Power System-I
Control Systems
Environmental Science
PRACTICAL
Digital Electronics Laboratory
Measurements and Instrumentation Laboratory
Electrical Machines -II Laboratory
Control Systems Laboratory

SEMESTER V

Power Electronics
Microprocessors & Microcontrollers
Professional Elective-I
Professional Elective -II
Power System-II
Essence of Indian Knowledge Tradition
PRACTICAL
Microprocessors & Microcontrollers Laboratory
Power Electronics Laboratory
Power System-II Laboratory
Summer Internship-I (3-4 week)

SEMESTER VI

Digital Signal Processing
Power System Operation and Control
Professional Elective – III
Open Elective-I
Advance Control System
Power System Protection
Intellectual Property Rights
PRACTICAL
Power System Protection Laboratory
Digital Signal Processing Laboratory

SEMESTER VII

Power Electronic Applications to Renewable Energy Systems
VLSI Circuits
Professional Elective -IV
Open Elective - II
Professional Practice, Law & Ethics
PRACTICAL
Simulation of Renewable Energy Systems Laboratory
Summer Internship-II (4 week)
Minor Project

SEMESTER VIII

Fundamentals of Management for Engineers
Professional Elective – V
Open Elective – III
PRACTICAL
Major Project
Extra- Curricular/ Co-Curricular Activity

PROFESSIONAL ELECTIVE

PROFESSIONAL ELECTIVE - I (5th Sem)
IoT Applications in Electrical Engineering
High Voltage Engineering
Computer Aided Electrical Machine Design
Renewable Energy Sources
Power Station Practice
Industrial Electrical Systems

PROFESSIONAL ELECTIVE – II (5th Sem)
Electronic Devices
Linear Integrated Circuit
Data Structures and Algorithms
Signals and Systems
Cyber-Physical Systems

PROFESSIONAL ELECTIVE – III (6th sem)
Power System Reliability
Mobile Application Development
Electric and Hybrid Vehicles
Fundamental of Electric Vehicles
Wind and Solar Energy systems

PROFESSIONAL ELECTIVE – IV (7th sem)
Electrical Distribution Systems
Charging Infrastructure for Electric Vehicles
Energy Storage Systems
Utilization of Electric Energy
HVDC Transmission
Reliability Engineering

PROFESSIONAL ELECTIVE – V (8th sem)
Power Quality & FACTS
Solar Power Batteries
AI Techniques in Electrical Engineering
Smart Grid Technologies
Power Semiconductor Drives
Electrical Energy Conservation and Auditing
Non- Conventional Energy Sources

OPEN ELECTIVE

OPEN ELECTIVE - I (6th sem)
Pattern Recognition
Object Oriented Programming
Image Processing
Mobile Communication
Advanced Electronics Circuits

OPEN ELECTIVE - II (7th sem)
Machine Learning
Optimization Engineering
Computer Network
Power Generation Technologies
Python Programming

OPEN ELECTIVE - III (8th sem)
Embedded Systems Applications
Analog and Digital Communication
Optical Communication
Information Theory and Coding
Satellite Communication

INNOVATE. CODE. CELEBRATE

HACK HORIZON

Hack Horizon 2026 — a 24-hour hackathon by the School of Engineering and IT, in association with GDG On Campus AJU, IBM, and the Code & Compute Society.

900+ participants, a diverse presence from HEIs, continuous coding, and an atmosphere charged with purpose — turning vision into reality.

TECHNIKA

Two-day national-level technical fest "Technika 5.0", themed "NOVA: Unleash the Spark of Tomorrow" — a grand celebration of technical prowess, innovative thinking, and problem-solving excellence was held in November 2025!

With 4000+ participants from 82 institutions across 13 states, and 10 live industry stalls, the event brought together minds across 45 dynamic events, from robotics challenges and coding competitions to project exhibitions and poster presentations.

CARVAAN
ANNUAL EXCURSION TOUR

ARKA JAIN University, in collaboration with the Tata Steel Foundation, organized an insightful exposure visit to the Indian Institute of Science (IISc) in Bengaluru for six of its students from all the engineering departments.

A VISIT TO IISC BENGALURU

LEARNING BY DOING

PROJECT & APPLICATION-BASED LEARNING

At the School of Engineering & IT, learning is driven by application, innovation, and hands-on engagement. Students gain practical exposure through advanced laboratories, real-time projects, coding environments, and industry-linked training modules. From designing systems and developing software to working on live engineering problems, students actively translate theoretical concepts into practical solutions.

- Live Projects & Case Studies
- Industrial Training & Internships
- Lab-Based Learning
- Innovation & Prototyping
- Industrial Visits

LIBRARY

The Central Library provides an extensive collection of textbooks, reference materials, journals, technical publications, and digital resources across engineering and technology domains. Equipped with modern infrastructure, e-learning access, and research support systems, the library serves as a vital knowledge hub fostering innovation, design thinking, and technical excellence.

AARAMBH – STUDENT INDUCTION PROGRAM

Aarambh is a structured induction program designed to seamlessly integrate students into the dynamic environment of engineering education. It includes orientation sessions, faculty interactions, technical familiarization, peer engagement, and expert talks.

The program concludes with experiential activities such as team-building exercises, problem-solving challenges, and innovation-driven tasks—helping students develop confidence, collaboration skills, and a strong foundation for their engineering journey.

INTEGRATED MODE OF TEACHING & LEARNING

At ARKA JAIN University, the School of Engineering & IT adopts a holistic and industry-aligned approach to education, blending theoretical knowledge with practical exposure to create future-ready engineers.

SYNDICATE LEARNING & REAL-WORLD EXPOSURE - Project-based learning, case studies, and research-driven assignments enable students to apply engineering concepts to real-world challenges across domains like AI, mechanical systems, and electrical technologies.

WORKSHOPS, SEMINARS & INDUSTRY INTERFACES - Regular workshops, technical seminars, and industry interactions expose students to emerging technologies, industry practices, and evolving engineering trends.

INTERACTIVE LEARNING (ONLINE & OFFLINE) - A balanced mix of classroom teaching, digital learning platforms, simulations, and virtual labs enhances conceptual clarity and engagement.

EXPERT TALKS & SPEAKER SERIES - Sessions by industry leaders, technocrats, and researchers provide insights into innovation, technology advancements, and career pathways in engineering.

CASE STUDIES & PRACTICAL UNDERSTANDING - Real-time engineering case studies and design challenges help students develop analytical thinking, innovation, and solution-oriented approaches.

EXHIBITIONS & INNOVATION PLATFORMS - Technical fests, project exhibitions, and innovation showcases encourage students to present ideas, prototypes, and research, fostering creativity and entrepreneurship.

LEARNING FORUMS & TECHNICAL DISCUSSIONS - Regular forums, hackathons, and technical clubs promote interdisciplinary learning, collaboration, and awareness of emerging technologies.

This integrated approach ensures that students develop a strong academic foundation, practical expertise, and the adaptability required to excel in the rapidly evolving engineering and technology landscape.

MoU Signing with the Board of Practical Training (BOPT), Eastern Region, Ministry of Education, Government of India, for the implementation of the Apprenticeship Embedded Degree & Diploma Programme (AEDP).

B.Tech students with their mentor after successful completion of one-month hands-on training program on 3D Printing at NIT Jamshedpur

RUBAROO – WELCOME FUNCTION FOR NEW STUDENTS

RUKHSAT – FAREWELL FUNCTION FOR FINAL-YEAR STUDENTS

ONE-DAY OUTBOUND TRAINING - REDISCOVERING SELF: EXPLORING PERSONA

INDUSTRIAL VISITS

ZF India PVT. Ltd.

Atomic Minerals Directorate for Exploration & Research(AMD), Jamshedpur

Paul Infotech Solutions

IDTR, Jamshedpur

STPI, Ranchi

TIMKEN

Neotechniq, Jamshedpur

LABS AVAILABLE:

- Workshop
- Fluid Mechanics & Machinery Lab
- Strength of Material Lab
- Surveying Lab
- Applied Physics Lab
- Applied Chemistry Lab
- Electrical Machine - 1 & 2 Lab
- Testing & Maintenance of Electrical M/C Lab
- Refrigeration & Air Conditioning Lab
- Power System Lab
- Power Electronics Lab
- Heat & Mass Transfer Lab
- Mechanical Measurement Lab
- Fundamental of Electrical & Electronics Lab
- Introduction to IT Lab
- Microprocessor & Micro controller Lab
- Electrical Circuit & Network Lab
- Control System Lab
- Analog Electronics Lab
- Digital Electronics Lab
- Electrical Measurement Lab
- Engineering Mechanics Lab
- Signal & System Lab
- Metrology & Quality Control Lab
- I/C Engine Lab
- Mechanical Vibration Lab

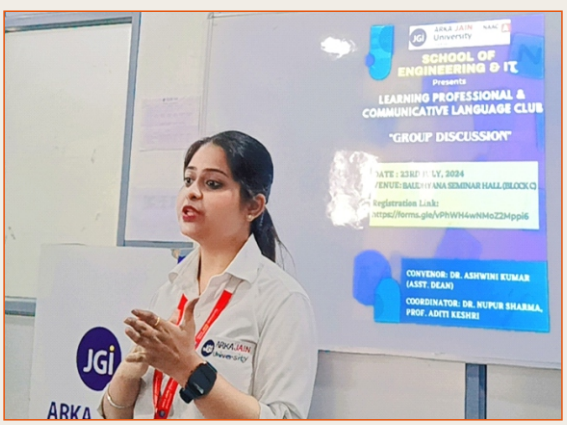

APER MACHINE

CLUBS: LIVE. LEARN. LEAD

The **AJU IEEE Chapter** fosters a vibrant culture of innovation, collaboration, and inclusivity by bringing together students, faculty, and technology enthusiasts through engaging talks, workshops, and interactive sessions. It creates a dynamic platform that encourages creativity, knowledge-sharing, and continuous skill development, while also promoting diversity in STEM. By nurturing research orientation, leadership capabilities, and technical proficiency, the chapter enables individuals to stay aligned with evolving technological trends and contribute meaningfully to the global engineering and scientific community.

The **Microsoft Student Learn Ambassadors AJU Chapter** provides a dynamic learning environment focused on building strong foundations in modern technologies and practical skill development. Through structured workshops, interactive sessions, and hands-on projects, it enables participants to gain in-depth knowledge of web application development and version control systems. The initiative also emphasizes real-world application, collaborative learning, and innovation-driven thinking, equipping students with problem-solving abilities, adaptability, and industry-relevant expertise essential for thriving in the rapidly evolving digital landscape.

The **Learning Professional & Communicative Language Club** organizes engaging Group Discussions, Personal Interview sessions, and similar interactive activities aimed at enhancing students' communication skills, critical thinking, and confidence in public speaking. These sessions create a collaborative and supportive environment where participants explore diverse topics, articulate their viewpoints, and refine effective listening, speaking, and argumentation techniques. By encouraging clarity of thought and expression, the club plays a vital role in shaping well-rounded individuals prepared for academic, professional, and real-world interactions.



The **Velocity Club — the Automotive Club of the University** — organizes a series of insightful industrial visits aimed at bridging the gap between academic learning and industry practices. These visits offer students valuable first-hand exposure to real-world manufacturing processes, advanced automotive technologies, and operational workflows within leading industrial establishments. By observing live applications and interacting with industry professionals, participants deepen their understanding of mechanical engineering concepts while gaining practical insights that enhance their technical competence and career readiness.

The **Science Club** cultivates a spirit of scientific inquiry and innovation by engaging students through interactive exhibitions, expert-led sessions, and hands-on learning experiences. In collaboration with the Institution's Innovation Council (IIC), it actively promotes interdisciplinary learning by connecting emerging scientific domains with engineering applications. The club encourages students to explore new ideas, exchange knowledge, and develop innovative solutions to real-world challenges. With a consistent focus on impactful initiatives, it continues to create meaningful academic interfaces and forward-thinking platforms that support holistic and research-driven learning.

Prestigious international conferences on relevant themes such as **"Recent and Technological Advances in Physics and Material Science (ICRTAPMS)"** serve as dynamic interdisciplinary platforms for the exchange of cutting-edge research, emerging trends, and technological innovations across diverse domains. These conferences bring together academicians, researchers, scholars, and industry experts to engage in meaningful discussions on contemporary areas including advanced materials, nanotechnology, quantum physics, and sustainable energy solutions. By fostering collaboration, intellectual exchange, and global perspectives, they significantly contribute to advancing scientific knowledge and innovation.

STUDENTS' & ALUMNI ACHIEVEMENTS

SANCHIT JOGAI

B TECH CSE - (BATCH 2018-22)

Teaching Assistant, Khoury College of Computer Sciences Boston, Massachusetts, USA

MS in Cybersecurity
Northeastern University, Boston, Massachusetts

VARUN MUKHI
(BATCH 2022-26)
Winner - Red FM College Ke TASHANBAAZ

HARSHITA
(BATCH 2022-26)
Inter College TAEKWONDO CHAMPIONSHIP 2025

ANURAG KUMAR RAI
BATCH 2023-2027
Selected for 43rd Junior National Shooting Ball Championship

SAGAR MALIND
BATCH 2022-26
Represented his NCC Directorate in Annual Republic Day Camp

VIDUSHI TIWARY
(BATCH 2020-24)
Best Speaker Award Winner TCS YEP Annual IYD Debate Competition 2023

AMAN JHA
(BATCH 2021-25)
Cyber Security Intern
Haryana Police, Gurugram
Research and Development Intern
Indian Institute of Technology, Indore

ROHIT RAJ
(BATCH 2022-26)
Paid Internship as 'Frontend Developer Intern' at Iprep Learning Solutions Pvt. Ltd.

Among 72,165 ideas from 2,587 institutes across India, 6 final-year CSE students (Batch 2022-26) from AJU were selected for the Smart India Hackathon Grand Finale in Hyderabad, proudly securing place alongside premier institutions like IITs and NITs.

Six of our B. Tech CSE students from the 2022-26 batch selected for the prestigious Accenture Mentorship Program

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Anjalil Singh, B Tech CSE Batch 2023-27, Participant of Viksit Bharat Young Leaders Dialogue – National Youth Festival 25, held at Delhi. One of the 3000 participants selected from a pool of 30 Lacs. One of the 30 participants who represented Jharkhand at Bharat Mandapam.

PLACEMENTS 2026 At a Glance

ISHA SINGH
CSE
₹ 8 LPA

mycaptain

tcs
₹7.1 LPA
COMPUTER SCIENCE & ENGINEERING

SAHIL MANDAL

SUBHOJIT KR. MAHATO

AVISHEK KUMAR

NAYAN KUMAR

Computer Science Engineering | CTC-6 LPA | QUANTUM QUBE TECH LTD

BHUDEB MANDAL

SINGH PREET

Computer Science Engineering | ROSA

TATA ELECTRONICS

84 B.TECH CSE STUDENTS PLACED IN TATA ELECTRONICS

ANIKET KUMAR

CSE (BATCH 2022-26)

SUCCESSFULLY COMPLETED INTERNSHIP IN accenture

ANKIT KUMAR

CSE (BATCH 2024-28)

Selected as Google Student Ambassador

FULLY-SPONSORED 6-MONTH INTERNSHIP AT MUMBAI

aenex	2 CSE | 1 EEE ₹6 LPA
UNLOX	8 CSE ₹5 LPA
vivo	1 ME ₹4.2 LPA
apollo	23 CSE
STEEL STRIPS GROUP	4 EEE & 3 ME
Adecco	04 ME & EEE
METALSA	03 CSE

and many more...

90+ COMPANIES VISITED FOR B. TECH PLACEMENTS IN 2025-26

PARTIAL LIST OF RECRUITERS

AND MANY MORE ...

OUR ALUMNI

LEADING THE CHARGE, SHAPING THE FUTURE

PARESH BHAI PATEL
BATCH 2020-24
Hike Education

KUNDAN KUMAR SINGH
BATCH 2020-24
Accenture

ALOK KUMAR
BATCH 2020-24
Mahindra & Mahindra

CHANDAN MAJHI
BATCH 2021-25
TESTAING SOLUTIONS

AJIT MAHTO
BATCH 2021-25
YAZAKI INDIA

SWETA PRAMANIK
BATCH 2019-23
Flipkart

ASHTA KUMARI
BATCH 2019-23
Hike Education

JAIDEV LAL
BATCH 2018-22
TATA Steel

INDUSTRY & ACADEMIC PARTNERS

FOR TRAINING, RESEARCH, INTERNSHIPS & PLACEMENTS

IBM
TATA MOTORS
TCS TATA CONSULTANCY SERVICES
TATA POWER TPSDI SKILL DEVELOPMENT INSTITUTE
TATA STEEL #WeAlsoMakeTomorrow
Technically Yours
L&T EduTech
NTTF Securing your Future with your own Hands
IDTR JAMSHEDPUR
O.P. JINDAL UNIVERSITY ESTD. 2014 OPJU
Reflexallen
alumnus
ARDENT COMPUTECH PVT. LTD.
BridgeNOW Academy
HACHIKO
PaulTech Software Services (OPC) Pvt. Ltd.
THE ALCOR HOTEL
SIGMA HTS LLP

20+ MoUs

NINE ENGINEERING & IT STUDENTS AWARDED THE PRESTIGIOUS TATA CUMMINS SCHOLARSHIP 2025–26

A Very Warm Morning To All !!!

Dear Dr. Charu Madam,

I am highly Delighted while writing this E-mail!!.

This is in reference to Mail sent to you Friday, September 19, 2025, for the awareness Session for Scholarship.

This year 9 students got selected!!! What a Performance !!

Journey from 1 student in 2024 to 9 in 2025 is really matter of Proud for all us.

Heartful Kudos to You, Dr.Ashwani, Rakhi mam and all Direct and Indirect Support from Your University, Pl cascade my Thanks to all of them. Let celebrate this, some time !!

Keep Informing TCL Plant head, Cummins Leadership team !!

Best Regards,
Narendra Kumar
Indirect Purchase
TATA Cummins Ltd -Jamshedpur.

TATA CUMMINS-NURTURING BRILLIANCE SCHOLARHIP RECIPIENTS (2025-2026)

BASUMATI PRADHAN
BATCH 2024-28
B Tech AI and DS (IBM)

RIYA MANDAL
BATCH 2024-28
B Tech AI and DS (IBM)

ARYAN SHRIVASTAVA
BATCH 2024-28
B Tech CSE

PAYAL KUMARI
BATCH 2024-28
B Tech CSE

SANTOSH KUMAR MAHATO
BATCH 2024-28
B Tech CSE

VIVEK KUMAR GUPTA
BATCH 2024-28
B Tech CSE

D. BHUWANESHWARI
BATCH 2023-27
B Tech CSE

NIHARIKA KUMARI
BATCH 2025-29
B Tech CSE

CENTRE FOR CAPACITY BUILDING AND HUMAN RESOURCE DEVELOPMENT (CCHRD)

BUILDING CAPACITY. DEVELOPING SKILLS. CREATING LEADERS.

The CCHRD aims to enhance the skills and capabilities of students, faculty, staff members, and external stakeholders.

PURPOSE OF ESTABLISHMENT:

The CCHRD is dedicated to fostering growth and development through targeted capacity-building initiatives for the students. Further, it aims to create a supportive environment for continuous learning and professional advancement for faculty and staff members as well as external stakeholders

BENEFITS OF ESTABLISHMENT:

- **Skill Enhancement for Students :** Providing specialized training, courses and workshops to equip students with industry-relevant skills and competencies.
- **Professional Development for Faculty and Staff :** Offering professional development and faculty development programs to enhance teaching methodologies, research capabilities, and administrative efficiency.
- **Support for External Stakeholders :** Engaging with industry partners and community members fostering collaboration, and sharing expertise in the form of management development programs.
- **Resource Hub :** Serving as a central resource for accessing the latest knowledge, tools, and techniques in various fields of study and practice.
- **Career Advancement :** Facilitating career growth and opportunities for all participants by bridging the gap between academic knowledge and practical application.

CCHRD: A HUB FOR CAPACITY BUILDING & HOLISTIC SKILL DEVELOPMENT, CREATING EXCELLENCE THROUGH

- Student Development Programs
- Management Development Programs (MDPs)
- Outbound Training & Experiential Learning Exercises
- Industry Visits
- Capacity Building & Skill Development Workshops
- Dialogue with Leaders Series
- Corporate Mentoring
- Digital Literacy Initiatives
- Career Readiness & Interview Preparation
- Industry-Driven Skill Development Workshops
- Mental Well-being Support
- Data Analytics Training
- Foreign Language Learning
- Competitive Examination Preparation

OUTBOUND TRAINING FOR EXPERIENTIAL LEADERSHIP & TEAM DEVELOPMENT

The Centre for Capacity Building and Human Resource Development (CCHRD) regularly conducts outbound training exercises designed to blend fun with experiential learning beyond the classroom environment. These structured outdoor activities aim to strengthen teamwork, leadership qualities, and self-confidence while enhancing physical fitness and mental resilience. Through engaging, interactive, and problem-solving-based challenges, students develop practical skills, adaptability, and a collaborative spirit—preparing them for real-world professional demands in a dynamic and holistic manner.

MoU with Markhub24, a cognitive marketing intelligence and learning platform

COMMITTEES, CENTRES, SOCIETIES, STUDENT CHAPTERS/ BRANCHES, CELLS, CLUBS, UNITS, COUNCILS

1. CENTRES

2.COMMITTEES

- INTERNAL COMPLAINTS COMMITTEE

3. CELLS

- INTERNAL QUALITY ASSURANCE CELL
- ANTI RAGGING CELL
- STUDENT GRIEVANCE REDRESSAL CELL
- EQUAL OPPORTUNITY CELL
- ADMISSION FACILITATION CELL
- INDUSTRY INSTITUTE INTERACTION CELL
- TRAINING & PLACEMENT CELL
- RESEARCH AND DEVELOPMENT CELL
- AJU NYAY SAMARTHAN CELL – LEGAL AID & AWARENESS CELL (SCHOOL OF LAW)

4.COUNCILS

5. SOCIETIES

6.UNITS

7.CLUBS

Rotaract | ARKA JAIN University Jharkhand | NAAC GRADE A

ARKA QUALITY MANAGEMENT CLUB (AQMC)

IT CLUB

ARKA LITERARY CLUB

Design HIVE

भेषजं — A Movement of Caring Health

IKSHANA — Your Vision, Our Mission

Samaritan — Giving | Living | Rising

BIOTECH WIZARD — Academic Club of Department of Biotechnology

THE CREATIVE POD — Creative Club of Department of Biotechnology

SOCIAL SYNERGY — Department of Biotechnology

ABHYUDAY — Dance.Music.Drama

FinWin

SPARK — Marketing that matters

Google Developer Groups On Campus

Dance & Drama Club

SCIENCE CLUB

MACHINE LEARNING & CYBER SECURITY CLUB

AUTOMOTIVE CLUB VELOCITY

DESIGN & SIMULATION CLUB

Learning Professional & Communicative Language Club

LEX CLAVA — Empowering Cultural Connections

GATE CLUB

HIVE — Human Resource Initiative for Variegated Engagement

STUDY SPACE — Department of Biotechnology

CORE OF CARE — Power of Knowledge

DEVELOPER'S CLUB

Digital Dreamer's Club

HACKSMITH'S CLUB

CIRCUIT CRAFTER'S CLUB

SRIJANAM — Cultural Club

PATRIKA

GIGNOSCO

VISHLESHAN

CHIKITSA

GALEN

KRIDA

8.STUDENT CHAPTERS/ BRANCHES

IEEE Student Branch | JGI ARKA JAIN University | NAAC GRADE A

TOASTMASTERS INTERNATIONAL

JGI ARKA JAIN University | NAAC GRADE A — Microsoft Learn Student Ambassadors

JGI ARKA JAIN University | NAAC GRADE A — COMPUTER SOCIETY OF INDIA | STUDENT CHAPTER

ADMISSION PROCESS

OFFLINE MODE

- Collect the Application Form, and Prospectus by paying the application fee, ₹1000/- (General Category) or ₹500/- (SC/ST Category) from
- City Office : D-28, Danish Arcade, Opp. Asian Inn Hotel Dhatkidih, Jamshedpur – 831001, Jharkhand

  or

  University Campus : Opp. Kerala Public School, Mohanpur Gamharia, District Seraikela-Kharsawan Jharkhand – 832108
- Submit the duly-filled application form along with the supporting documents and applicable fees at the City Office or University Campus.

ONLINE MODE

- Fill out the online application form by visiting: www.arkajainuniversity.ac.in
- Pay the application fee online: ₹1000/- (General Category) or ₹500/- (SC/ST Category)
- Download and submit the duly-filled application form at the City Office or University Campus.
- After document verification by the University Admission Officer, proceed with the payment of the applicable fees to confirm admission.

CONTACT DETAILS

7371037371 | 0657-2220285 | 2312007

Admission Office : D-28, Danish Arcade,Opposite Asian Inn Hotel, Dhatkidih, Jamshedpur - 831001

Campus Address : Opp. Kerala Public School, Mohanpur, Gamharia, District Seraikela Kharsawan, Jharkhand - 832108

Apply Online: www.arkajainuniversity.ac.in

Email: admission@arkajainuniversity.ac.in

SCAN FOR WEBSITE