

Recognised by **UGC/AICTE**

ARKA JAIN
University
Jharkhand



4 Year Full Time **AICTE** Approved

B.Tech

MECHANICAL (ME) / COMPUTER SCIENCE (CS)
ELECTRICAL & ELECTRONICS(EEE)

SCHOOL OF ENGINEERING & IT

APPLY FOR: AJUCET 2023

ABOUT JGI GROUP

Jain Group is an established education provider and leading entrepreneurship incubator in India.

Headquartered in Bangalore, The JGI represents a cluster of 65+ vibrant educational establishments. With an illustrious history spanning over more than 32 years, the Group has grown to serve over 75,000 students and 10,000 faculty & staff members are engaged at various levels, P-12 (Pre-School to Grade 12), diploma, undergraduate, postgraduate, doctoral levels across 64 campuses throughout the nation which include prestigious institutions like Jain College, Bengaluru (Among the top 25 best commerce colleges in India*); Jain University, Bengaluru (Among the top 5 private universities of India*); Jain College of Engineering, Bangalore; Jain Public Schools, Jain Heritage Schools, Jain Toddlers and Jain International (Residential) Schools.

*As per India Today - Nielsen survey.

AMONG
TOP
EDUCATIONAL
INSTITUTIONS IN INDIA

JGI's ALUMNI INCLUDES
OVER 10+

Arjuna, Rajiv Gandhi Khel Ratna, Padma Shri, & Padma Bhushan Awardees, & 300+ Sports person of International & National Repute.

08
STATES

02
UNIVERSITIES

77
EDUCATIONAL
INSTITUTIONS

75K
STUDENTS

64
CAMPUSES

10K
EMPLOYEES

50
INCUBATED
COMPANIES

ABOUT ARKA JAIN UNIVERSITY

ARKA JAIN University, the 1st Private University of Kolhan Region, Jharkhand established by the JHARKHAND State Legislature under "The ARKA JAIN University Act", recognized by UGC, is an example of excellence. The University is situated 13 kms from steel city, Jamshedpur at Gamharia offers multi-disciplinary programs designed in a way to shape the brilliant minds of today into socially-conscious managers, leaders and entrepreneurs of tomorrow. The use of highest-quality research-led teaching and learning methods help students evolve and be ready for the requirements of the industry because we believe - YOU'RE ONE OF A KIND, SO ARE WE.

5k+
STUDENTS

07+
SCHOOLS

30+
PROGRAMMES

175+
FACULTY MEMBERS



RECOGNITIONS & AFFILIATIONS



Government of Jharkhand



Pharmacy Council of India
(PCI)



University Grants Commission
(UGC)



Bar Council of India
(BCI)



Association of Chartered Certified
Accountant (ACCA, UK)



Optometry Council of India
(OCI)



All India Council for Technical
Education (AICTE)



Jharkhand Nursing Registration
Council (JNRC)

TOP 10 REASONS

TO BE A PART OF ARKA JAIN UNIVERSITY

- 1 Part of the JGI, Bengaluru. Mentored by JAIN (Deemed-to-Be-University), Bengaluru (Among the top 5 private universities of India as per India Today - Nielsen survey)
- 2 An ISO 21001:2018 Certified "Educational Organization Management System" University
- 3 Interactive, engaging and enriched Course Curricula
- 4 Multi and Inter-disciplinary approach towards the teaching-learning process
- 5 MoUs with renowned players from the Corporate and Academe
- 6 State-of-the-art infrastructural amenities
- 7 Credible placement record
- 8 Platform for fostering the entrepreneurial spirit among the students
- 9 Sensible approach towards community engagement through NSS, NCC, Rotaract, etc.
- 10 Commendable opportunities to students in such aspects as sports, exposure, beyond academic pursuits





AARAMBH
Induction & Orientation



NAVOTSAV

Gandhi Jayanti cum Navratri Celebration



RUKSAT

Farewell Function



ROO-B-ROO

Fresher's day - Ice Breaker For New Students



AAGAAZ

An Annual Cultural Fest



CARVAAN

An Annual Expedition of AJU

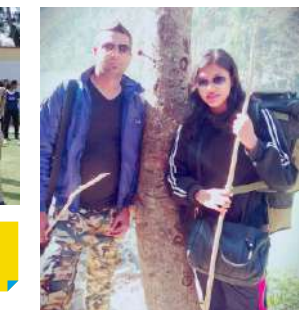
PREMIER LEAGUE

10-20 Red Ball Cricket



HOLI INVASION

A message of Unity & Brotherhood



ROSHNI

Celebration of Lights



SARASWATI PUJA

Devotion to Goddess of Knowledge



YUVA

University Youth Festival



RUNBHOOMI

Annual Sports Meet - Battle For Glory

CARNIVALS@AJU

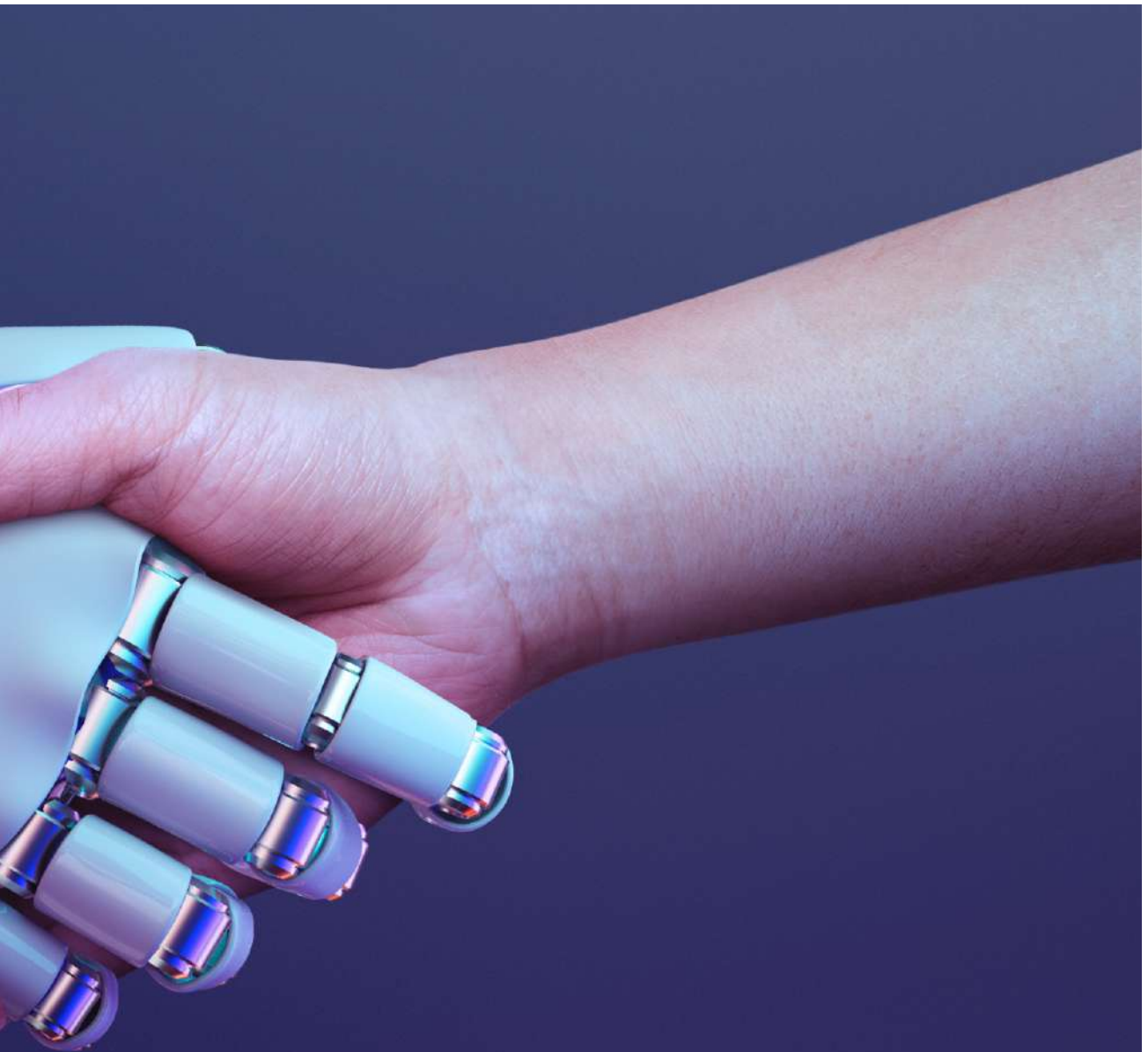


B.Tech

4 YEARS FULL-TIME UGC / AICTE APPROVED

(Bachelor of Technology)

AJU School of Engineering & IT is established with an aim to provide quality education and technical development. ARKA JAIN University is an intellectual destination that draws and inspires students from diverse background. It is an AICTE approved professional Engineering under graduate degree of 4 years duration offered in 3 different disciplines. Our B.Tech program involves theoretical and practical learning in equal measures. It is one of the most preferred programs and is in great demand in the student community looking forward to mould their interest and ambition not only in India but also for the vacancies abroad aiming for lucrative career as this professional program creates numerous opportunities in the Field of Engineering. The university is committed towards providing excellent Academic curriculum, Laboratory facilities, Workshops, Seminars, assignments, Industrial visit opportunities along with experiments, research and placement support.



SPECIALIZATIONS:

- B.Tech in Mechanical Engineering
- B.Tech in Electrical & Electronics Engineering (EEE)
- B. Tech in Computer Science & Engineering
- B. Tech in Computer Science & Engineering - Data Science
- B. Tech in Computer Science & Engineering - Internet of Things
- B. Tech in Computer Science & Engineering - Artificial Intelligence & Machine Learning

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 Subjects at 10+2 level - Physics, Chemistry, Maths). For Electrical & Electronics Engineering (Mandatory Subjects at 10+2 level - Physics, Maths) For Computer Science and Engineering (Mandatory Subjects 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.

Candidate should have valid score card of JEE MAINS 2022 / 2023 or AJU -Combined Entrance Test (AJUCET)

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. (Subject to vacancies)

(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.

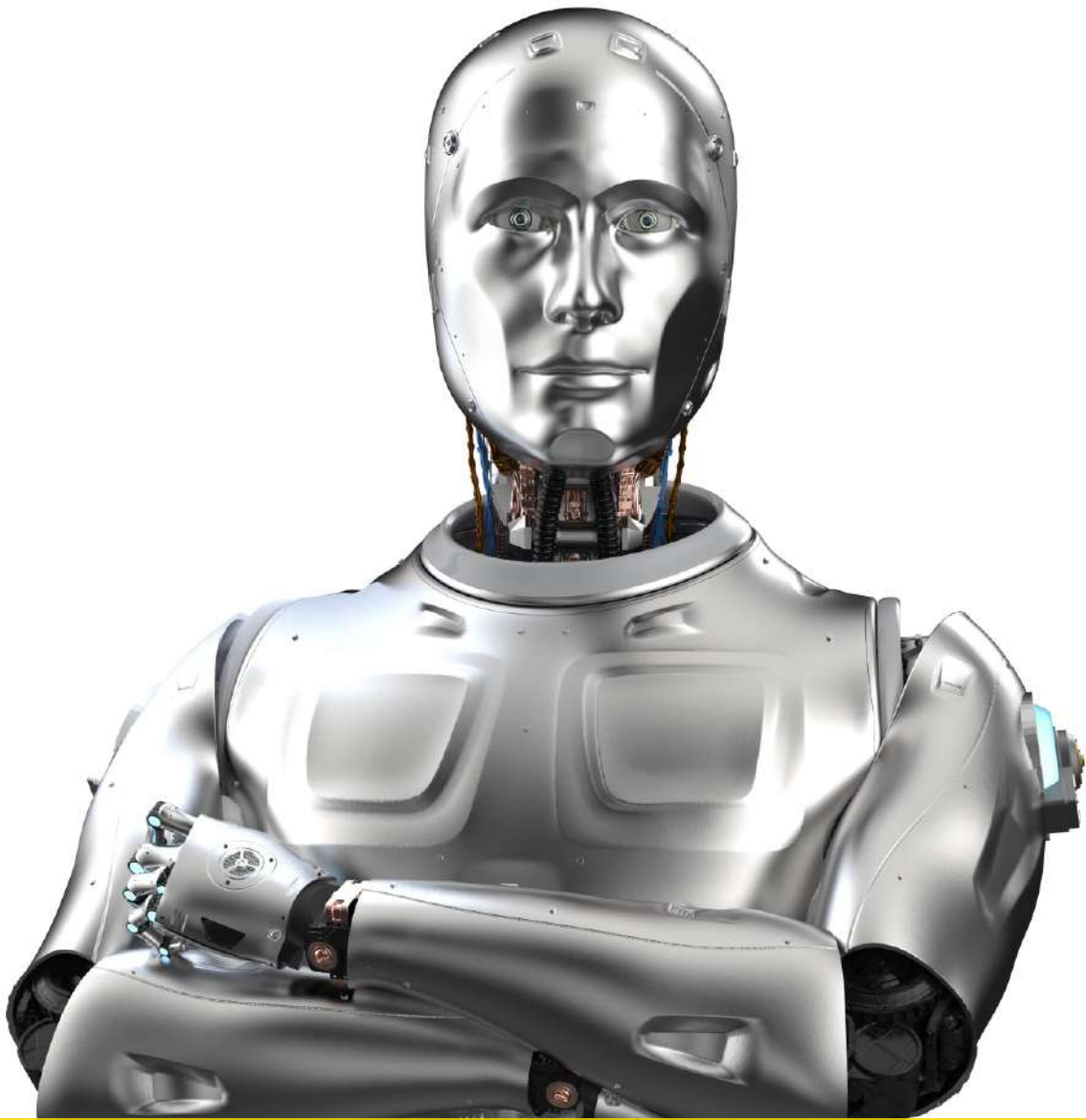
(OR)

Passed D.Voc. Stream in the same or allied sector.

Candidate should have valid score card of JEE MAINS 2022 / 2023 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



MOUs

with organizations for training & placement support

TATA STEEL
WeAlsoMakeTomorrow

TATA POWER

NTTF
Securing your Future with your own Hands

MSME
MINI, SMALL & MEDIUM ENTERPRISES
सुपे, लगे, ते, ते, ते, ते, ते, ते

e-construct.in

ISDC
International Skill Development Corporation



B. Tech Advantages @ AJU

- Mentored by JAIN (Deemed-to-be-University), Bengaluru; A NAAC A++ and NIRF Top-100 HEI
- MOUs with TATA STEEL | TATA POWER | NTT for technical training, internship and placement support
- Exceptional facilities including library, technology Enabled class rooms, Hi-tech Labs, Seminar Hall , Auditorium & Cafeteria
- Focus on Experiential learning through yearly Excursion, Educational Tours etc.
- Teaching Pedagogy : Workshops, Guest Speaker Sessions, Group Learning, Industrial Visits, Case Study Analysis Approach
- Numerous outbound activities
- City hostel facilities (for Female Candidates)
- Excellent Placement Record
- Highly qualified faculty members who are alumni of premium HEIs
- Ragging-free campus
- Social Engagement through NSS, NCC, Rotaract etc.
- Well-connected transport facility from all major points across the city
- Interdisciplinary approach to learning & program delivery

About the B. Tech Experience

It provides more than technical training and teaches sophisticated skills of analysis & problem-solving that apply to most types of engineering, business ventures, manufacturing, or even management practices. The program nurtures you to develop global competency in industry and academics. The state-of-the-art curriculum promotes independent thinking and learning at an individual's own pace.

B. Tech (CS) with IoA, UK

(Institute of Analytics)

B. Tech with Data Analytics integrated is a highly specialized international Data Analytics program endorsed by the institute of Analytics (IoA) , UK and is open to all the students of B. Tech (CS) . The Graduates can apply for IoA affiliate Membership after its successful completion. The Institute of Analytics (IoA) is a professional Body for Analytics and Data Science professionals in UK and functions globally.

Why IoA, UK?

Here are some of the reasons why you should choose IoA as your path to becoming a qualified analyst.

- Use of official designation of the Institute
- Global Recognition
- Invitations to all our networking events
- Access to continuous Professional Development Programs and online portal
- Invitations to regular Industry briefings where industry experts share their insights , knowledge & experience
- Access to job opportunities page
- Invitations to Annual & Regional Conferences

MODULES

Module 1 R Programming

Module 2 Python Programming

Module 3 SQL

Module 4 Big Data Analytics

Module 5 Machine Learning & AI

Module 6 Deep Learning

Module 7 Natural Language Processing

Module 8 Computer Vision

Program Highlights

- Hands on training on Analytics modules from IoA (Institute of analytics)
- Provides Dual Qualification : Students who enroll for this course get a degree from the University plus Affiliate Membership from IoA (Institute of analytics) , UK
- Provides blended learning from industry and professional Trainers from ISDC & IoA
- Students get an Affiliate Membership from IoA , UK and a skill Certificate from ISDC on completion of 3 years of graduation .
- Course includes Seminars , Power Packed workshops , Corporate Engagements .
- Enhanced career opportunities in India and abroad
- The qualification is recognised globally

Analytics Benefits

Better Decision-Making | Better Enablement of Key Strategic Initiatives | Better Relationships with Customers | Better Sense of Risk | Better Financial Performance & Others



Labs Available:

- Workshop Lab
- 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



Value Added Courses

Via LinkedIn Learning



LinkedIn Learning opens up a new horizon of learning especially for the young and emerging professionals. JGI group has tied up with LinkedIn to provide a state of the art learning platform for their students.

LinkedIn learning provides more than 23,000 courses designed and tutored by professionals to provide you the skills and competencies that are required and nurtured by enterprises. These courses ranges from languages-literature and applied language – to professional competencies that provides you a flawless professional growth path.

LinkedIn online courses allow you to learn at your own pace from the comfort of your home or University Campus. More over, the courses conclude with competency mapping to test your acquired competency and provides you a globally recognized certificate.

Few of the prominent courses are detailed below, to give you a bird's eye view of the entire spectrum of courses:

- Ethical Hacking: Hacking IoT Devices
- Learning C
- Android 11: First Look for Developers
- Become a Linux System Administrator
- Fusion 360: Designing for Metal
- SQL Essential Training
- HTML: Metadata in the Head
- Learning Digital Business Analysis
- Learning Siemens NX
- Business Communication
- AutoCAD Design & Drafting
- Electric Vehicle
- Personality development & Interview preparation
- Entrepreneurship Foundation
- Advanced Java Programming
- Master Python for Data Science
- Advance Your Skills in the Block chain
- Understanding Cloud Fundamentals
- Practical Engineering
- Social Media Marketing Foundations
- AutoCAD 2020 Essential Training
- Become a Data Analytics Specialist
- Learning CATIA v5
- Deep Learning
- Application of system Software for Professionals



CAREER DEVELOPMENT & PLACEMENT CELL

200+ COMPANIES HIRE OUR GRADUATES



Partial list of companies who have recruited our students or have shown willingness to recruit or provide internship to the students:

The Training & Placement Cell organizes career guidance programmes for all the students starting from the first year itself. The cell arranges training programmes like Mock Interviews, Group Discussions, Communication Skills Workshop etc. and also organizes various competitive exams, training sessions for students. It also actively invites Corporate Experts & HR Managers from different industries to conduct training programmes for final year students.

Various Trainings organized by the T&P Cell

- Personality Development Program
- Communication Skills Program
- Group Discussion Practice
- Mock Interview Sessions
- In-plant Training
- Industry Internship Programs

अरका जैन यूनिवर्सिटी

पॉलिटेक्निक और बीटेक के छात्रों का बंपर प्लेसमेंट



जमशेदपुर. अरका जैन यूनिवर्सिटी में मल्टी नेशनल कंपनी मैग्ना आटोमोटिव इंडिया प्राइवेट लिमिटेड की ओर से आयोजित प्लेसमेंट ड्राइव में डिप्लोमा ट्रिपल ई मैकेनिकल और बीटेक ट्रिपल ई और मैकेनिकल पास आउट 2022 के छात्रों ने हिस्सा लिया. पहले राउंड में एंटीटचूड टेस्ट हुआ. दूसरे राउंड में टेक्निकल राउंड ऑफ इंटरव्यू, तीसरे राउंड में पर्सनल इंटरव्यू के बाद अंतिम रूप से 24 छात्रों का चयन किया गया. इनमें दो बीटेक से हैं. चयनित डिप्लोमा के छात्रों को डिप्लोमा इंजीनियरिंग ट्रेनी एवं बीटेक के छात्रों को ग्रेजुएट इंजीनियर

ट्रेनी का पद ऑफर किया गया. सभी का जॉब लोकेशन पुणे में है. इस प्रकार के प्लेसमेंट से छात्र-छात्राओं के साथ ही यूनिवर्सिटी प्रबंधन में उत्साह है. कुलपति डॉ एसएस रजी ने सभी चयनित विद्यार्थियों के उज्ज्वल भविष्य की कामना की, साथ ही कहा कि यूनिवर्सिटी में उन्हें जो अच्छी शिक्षा दी गयी है, उसका इस्तेमाल प्रोफेशनल लाइफ में करें. यूनिवर्सिटी के डायरेक्टर अमित श्रीवास्तव ने कहा कि आने वाले दिनों में कई अन्य कंपनियां भी प्लेसमेंट के लिए आ रही हैं. 100 फीसदी विद्यार्थियों के प्लेसमेंट का प्रयास किया जा रहा है.

Integrated Mode of Teaching & Learning

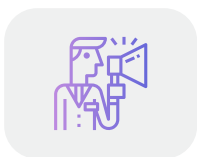
Our teaching-learning approach incorporates syndicate learning, case studies, regular assessments and immersion in real-life industry projects designed to strengthen students' knowledge in a specific area of interest and to expose them to the real world scenarios.



Workshops, Seminars, Guest Lectures, Industry Interface - At ARKA JAIN UNIVERSITY, workshops and seminars are conducted throughout the year. Experts from industry and academicians are invited to deliver lectures to our students. Students are also encouraged to organize seminars & give presentations to improve their technical and presentation skills. Eminent speakers from various walks of life including Industry, Academia, Social Sectors, Public Sector, etc. visit our University and share their experiences with students.



Speaker Series - Speaker series is conducted every semester. The speakers involved are from private, public and educational sectors who educate via presentations on relevant topics related to Mechanical, Electrical & Electronics, Computer Science Engineering.



Projects / Mini-Projects - Mini projects and Projects are part of regular curriculum of B. Tech program at AJU. Students are exposed to all the latest technologies while developing Projects at our lab facilities in the University. Projects are mentored in various areas of technology related to field of Mechanical, Electrical & Electronics, Computer Science Engineering. Based on the students' area of interest, projects are guided under the mentorship of our Professors.



Tech-Minds - Extracurricular activities of great passion and value provide students an opportunity to develop their skills. Different levels and rounds of technology-based activities like quizzes, presentations, cultural etc. are organized from time-to-time. Technical talks are also integral part of this. The activity is planned with a purpose of letting everyone be aware of the importance of having a strong foundation in technical skills, which is mainly targeted when it comes to the industry, along with a perspective of testing each participant's knowledge about existing software and technical skills.



Coding Competition - Coding competition is an integral part of B. Tech program and is regularly conducted in every semester. All the students are encouraged to participate in this competition which helps the students to test their skills in different domain areas, like Coding, Data Science, Machine Learning, Artificial Intelligence, IoT, etc. One of the primary elements of this competition is RE-CODING. In this competition, program codes are given in a particular language and the participants are asked to re-code it in some other language.

Tech-Enabled
Classroom

01



Digital
Library

02



Hi-Tech
Labs

03



Sports
Facilities

04



Auditorium

05



Club &
Gymnasium

06



Transportation

07



Food
Court Area

08

Learning By Doing

Project & Application-based Learning:

We offer decent career prospects to the students of B. Tech.

The exceptional teaching helps to bridge the gap between the corporate and academe. Companies from such domains as Electrical, Computer, Mechanical, Electronics, Automobiles, Data Science, Machine Learning etc. prefer B. Tech graduates.

This Professional program provides practical knowledge in the field of technical education.



**Case
Studies**



**Group
Assignments**



**Classroom
Presentations**



**Panel
Discussions**



**Industry
Visits**



LEARNING EDGE SATURDAYS

AJU offers extracurricular activities of high intensity and value which develop mind, body and spirit. Notable among them are the Learning Edge Saturdays, where a combination of technology, business, cultural and theatre related activities are organized on continuous basis every saturday. Corporate lectures, Tech scan sessions, debate forums, industry interaction, etc. are organised.

LIBRARY

The Central Library of the University has a wide range of latest edition books for different subjects of Technology, Management, different fields of Science, including Journals, e-journals, magazines. Central library is also equipped with reprography facility, internet facility with systems for the students to access study material from e-learning sources.



Learn from the Best, Accomplish Further



RANKED 5

**AMONG TOP 15
EMERGING UNIVERSITY
CATEGORY**



Outlook
ICARE RANKING
2022



TOP 100



**HIGHER EDUCATION
REVIEW MAGAZINE
SURVEY 2022**



ARKA JAIN University
Ranked Overall 14th in the
Top-100 Engineering Survey 2022 by
Higher Education Review Magazine.



TOP 100



**HIGHER EDUCATION
REVIEW MAGAZINE
SURVEY 2022**



ARKA JAIN University
Ranked Overall 15th in the
Top-100 Beyond IIMs B-School Survey 2022
by Higher Education Review Magazine.



OUTLOOK



**ICARE INDIA
MBA RANKINGS
2023**



ARKA JAIN University
Ranked 10th (Top Private MBA
Institutions - East Zone Category) in the
OUTLOOK- ICARE India MBA Rankings 2023



OUTLOOK



**ICARE INDIA
MBA RANKINGS
2023**



ARKA JAIN University **Ranked 36th**
(Private University - Constituent
Colleges Category) in the
OUTLOOK- ICARE India MBA Rankings 2023



OUTLOOK



**ICARE INDIA
MBA RANKINGS
2023**



ARKA JAIN University
Ranked 87th (Top Private MBA
Institutions Category) in the
OUTLOOK- ICARE India MBA Rankings 2023



CERTIFICATION



**ISO 21001:2018
CERTIFIED
UNIVERSITY**



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

GET SPORTSPERSONIFIED!

ARKA JAIN University is at the forefront with regard to encouraging its students to participate in sports events, both in the University and outside. For this, the university provides every possible support. The students have made us proud by participating and winning many inter-university sports competitions at state and even national levels. Some of them have represented the state of Jharkhand in such categories as U-19 table tennis and cricket, that too in the female category.

The University offers scholarships during admission based on performance in sports as well as helps athletes who compete at state, national or international levels.

Runbhoomi, the annual sports meet witnesses outstanding performances from all the Schools of the university in various indoor and outdoor sporting events. Runbhoomi 2022 was organized as per the Fit India initiative of Government of India.



Notable Alumni of the JGI Group



K. L. RAHUL

NATIONAL CRICKET PLAYER



MANISH PANDEY

NATIONAL CRICKET PLAYER



ROBIN UTHAPPA

NATIONAL CRICKET PLAYER



KARUN NAIR

NATIONAL CRICKET PLAYER



VARUN AARON

NATIONAL CRICKET PLAYER



PANKAJ ADVANI

INT. BILLIARDS CHAMPION



ROHAN BOPANNA

INDIAN TENNIS PLAYER



SHIKHA TANDON

INT. SWIMMING CHAMPION

MAKE TACTICAL CAREER MOVES

With us

PG (MBA)
HIGHEST PACKAGE

9 LPA

PG (MCA)
HIGHEST PACKAGE

4 LPA

UG(BBA/BCOM/BCA/BA)
HIGHEST PACKAGE

10 LPA

B.TECH
HIGHEST PACKAGE

5.58 LPA

B.OPTOMETRY
HIGHEST PACKAGE

3 LPA

DIPLOMA
HIGHEST PACKAGE

4.8 LPA

HIGHEST PACKAGE

10 LPA

AVERAGE PACKAGE

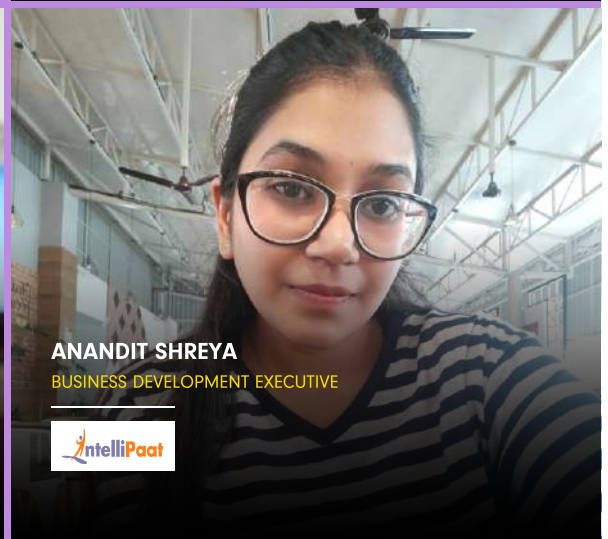
4.5 LPA



HARSHIT KUMAR SHARMA
SYSTEM ASSOCIATE



ANKIT PRASAD
INDUSTRIAL ENGINEER



ANANDIT SHREYA
BUSINESS DEVELOPMENT EXECUTIVE



ABHISHEK TIRUNAGRI
ASSOCIATE





SCAN FOR WEBSITE



Admission Process

OFFLINE MODE

- Collect the Application Form and prospectus In-person by paying (General Category: Rs. 1000/-) & (SC/ST Category: Rs. 500/-) at the Admission Office.
- (Address: D-28, Danish Arcade, Opp Asian Inn Hotel, Dhatkidih, Jamshedpur, State – Jharkhand, Pin 831001 or University campus situated at opp. to Kerala Public school, Mohanpur, Gamharia, Dist.- Seraikela Kharsawan – 832108
- Phone- 0657 2220285 or Toll Free no- 1800-1200-200
- Submit the duly filled form along with the fees

ONLINE MODE

- Fill online form on our website www.arkajainuniversity.ac.in and Pay (General Category: Rs. 1000/-) & (SC/ST Category: Rs. 500/-) online.
- Download the dully filled application form and visit our admission office or university campus at the earliest.
- Once your documents are verified by University Admission Officer, pay the 1st Installment of the fees

Contact Details:

 **Landline Number:** 0657-2220285

 **Toll Free Number:** 1800 -1200-200

 **Whatsapp Number:** 8406800562

 **Website:** www.arkajainuniversity.ac.in

 **Email:** admission@arkajainuniversity.ac.in

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

 **Campus Address:** Opposite Kerala Public School, Mohanpur, Gamharia, District Seraikela Kharsawan, Jharkhand - 832108