



OF EXCELLENCE



ARKA JAIN
University

Jharkhand (Jamshedpur)

Recognised by **UGC**

4 Year Full Time **AICTE** Approved

B.Tech

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

SCHOOL OF ENGINEERING & IT

ABOUT JGI GROUP

Headquartered in Bangalore, The JGI represents a cluster of 65 vibrant educational establishments. In 26 years, the Group has grown to serve over 50000 students and 10000 staff members engaged at P-12 (Pre-School to Grade 12), undergraduate and post graduate levels across 53 centers of excellence. It includes prestigious institution like Jain College, Bangalore (One among the top 25 best commerce college in India*), Jain University, Bangalore (One among the top 5 private university of India*), Jain College of engineering, Bangalore and Jain International Residential school. *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

64
CAMPUSES

02
UNIVERSITIES

65
EDUCATIONAL
INSTITUTIONS

50
INCUBATED
COMPANIES

10K
EMPLOYEES

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 based teaching and learning methods help the students to evolve and be ready for the requirements of the industry because we believe - YOU'RE ONE OF A KIND, SO ARE WE.



4k+ STUDENTS
07+ SCHOOLS
30+ COURSES
150+ FACULTY
23+ ACRES CAMPUS

RECOGNITIONS & APPROVALS

Pharmacy Council of India (PCI)

Government of Jharkhand

Bar Council of India (BCI)

University Grants Commission (UGC)

Optometry Council of India (OCI)

Association of Chartered Certified Accountant (ACCA, UK)

Jharkhand Nurses Registration Council (JNRC)

All India Council for Technical Education (AICTE)



TOP 8 REASONS TO BE A PART OF **ARKA JAIN University**

1

Part of the JGI Group, Bangalore,
mentored and Guided by Jain University, Bangalore

(India's one among the top 5 Private University as per India Today Nielsen Survey)

2

Active & engaging Curriculum

3

Interdisciplinary approach to Programme Learning

4

MOUs with Corporates for Intensive Industry Support

5

State-of-the-art Infrastructure Facility

6

Outstanding Placement Record

7

Encouragement to Entrepreneurship and Sports

8

Community Engagement through Rotary, NSS etc.



LIFE@AJU



AARAMBH
Induction & Orientation



JAIN PREMIER LEAGUE
20-20 Red Ball Cricket



ROSHNI
Celebration of Lights



SARASWATI PUJA
Devotion to Goddess of Knowledge

NAVOTSAV
Gandhi Jayanti cum Navratri Celebration



ROO-B-ROO
Fresher's day - Ice Breaker For New Students



RUKSAT
Farewell Function



HOLI INVASION
A message of Unity & Brotherhood



RUNBHOOMI
Annual Sports Meet - Battle For Glory



YUVA
University Youth Festival



CARVAAN
An Annual Expedition of AJU



AAGAAZ
An Annual Cultural Fest

“ There’s always something amazing happening at AJU. Whether it’s on campus or around the country, our students, faculty, staff and alumni are out seizing the day. ”



B.Tech

4 YEARS FULL-TIME UGC / AICTE APPROVED

(Bachelor of Technology)

AJU School of Engineering & Information Technology is established with an aim to provide quality education and entrepreneurship development. ARKA JAIN University is an intellectual destination that draws and inspired students from diverse background. AJU Bachelor of Technology (B.Tech) is an AICTE approved professional Engineering under graduate degree of 4 years duration program offered in 3 different disciplines. Our B.Tech program offers a valley of programs that involve theoretical and practical learning in equal measures. It is one of the most preferred courses and in great demand by the students 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 courses has made developments & created numerous opportunities in the Field of engineering and Information Technology. The university is committed to provide excellent Academic curriculum, Laboratory facilities, Workshops, Seminars, assignments, Industrial visits opportunities for various experiments, research and placement support.

SPECIALIZATION:

- 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.(Any of the three) Obtained at least 45% marks (40% marks in case of candidates belonging to reserved category) in the above subjects taken together. **(OR)**

Passed min. 3 years Diploma examination with at least 45% marks (40% marks in case of candidates belonging to reserved category) subject to vacancies in the First Year, in case the vacancies at lateral entry are exhausted.

Candidate should have valid score card of JEE MAINS 2021 / 2022 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. **(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)**

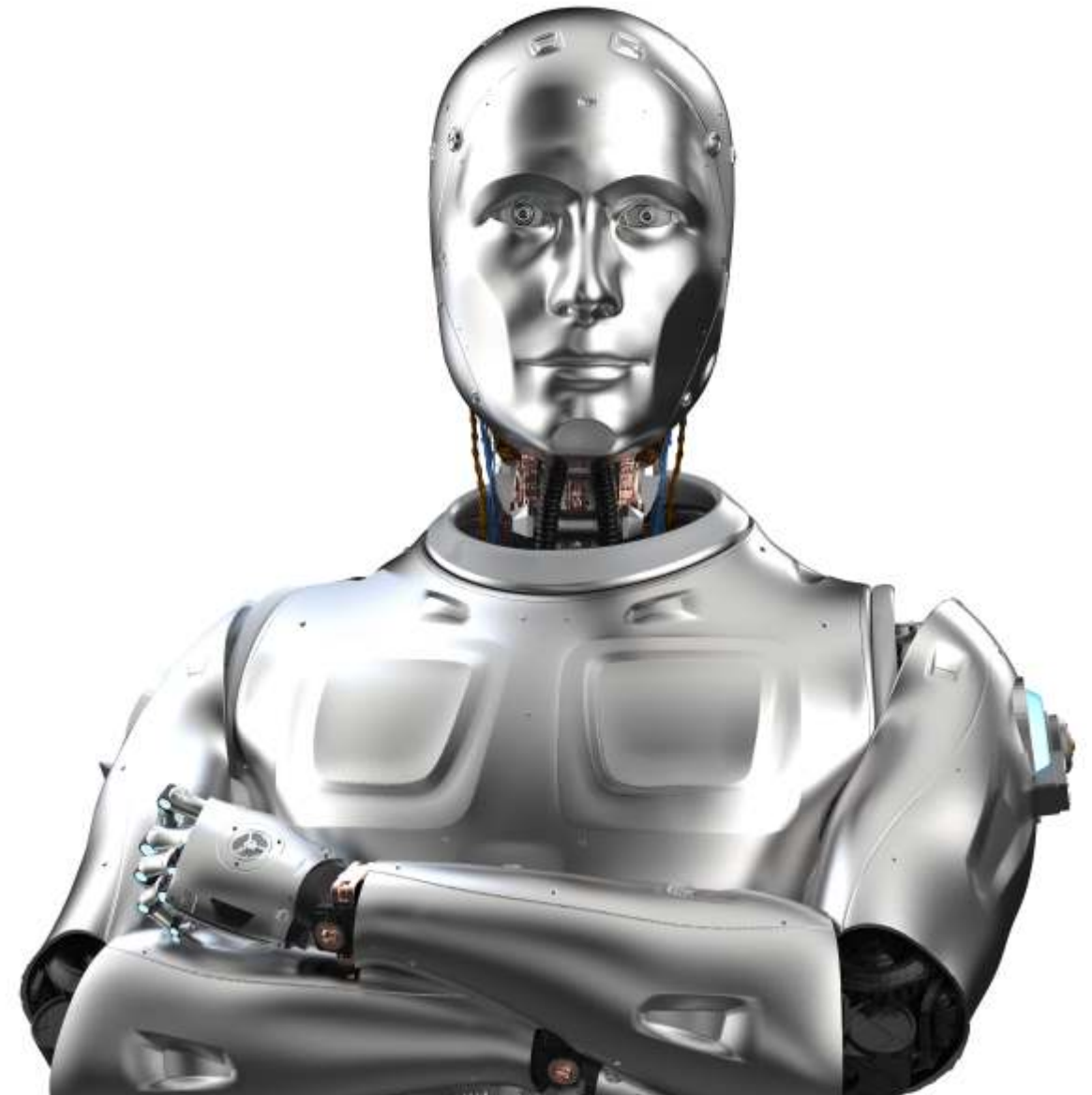
Passed D.Voc. Stream in the same or allied sector.

Candidate should have valid score card of JEE MAINS 2021 / 2022 or AJU -Combined Entrance Test (AJUCET)

Subject to fulfilment of minimum eligibility criteria, admission will be granted on the basis of merit list prepared as per score received in IIT-JEE MAIN or AJU CET 2022

Duration (B.Tech): 4 Years | 8 Semester & **B.Tech (Lateral Entry):** 3 Years | 6 Semester

Degree: Bachelor of Technology (B.Tech) awarded by ARKA JAIN University, Jharkhand & approved by AICTE, New Delhi



MOUs with organizations for training & placement support





B.Tech Advantages

- Mentored by India's top Notch University "JAIN University, Bangalore"
- MOU 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
- Focuses 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
- Excellent Placement Records
- Highly qualified faculties who are alumni of premier institution
- Ragging free campus
- Social Engagement through NSS, NCC, Rotract etc.
- Well Connected transport facility to all major points across the city
- Interdisciplinary approach to learning & program delivery

What will I Experience?

It provides more than technical training and teaches sophisticated skills of analysis & problem-solving that apply to most type of engineering, business ventures, manufacturing, management, or even legal practices. The programs nurture you to meet the global competency in industry and academics. The state of art curriculum promotes independent thinking and learning at an individual's 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 belonging from B.Tech (CS) . The Graduates can apply for IoA affiliate Membership after the Successful completion . The Institute of Analytics(IoA) is the professional Body for Analytics and Data Science professionals in UK and International .

Why IOA, UK?

Here are just 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 programmes 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

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 a 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

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



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 & Microcontroller 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
- IC 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 allows you to learn your choice of skills at your leisure from the comfort of your home or office. More over the courses concludes 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 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 Placement Cell organizes career guidance programmes for all the students starting from first year. The cell arranges training programmes like Mock Interviews, Group Discussions, Communication Skills Workshop etc. and it also organizes various competitive exam Training for students. It also actively invites HR Managers from different industries to conduct training programmes for final year students.

Various Training organized by Placement Cell

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

अरका जैन यूनिवर्सिटी

पॉलिटैक्निक और बीटेक के छात्रों का बंपर प्लेसमेंट



जम्मोदपुर. अरका जैन यूनिवर्सिटी में माल्टी नेशनल कंपनी मैना ऑटोमोटिव इंडिया प्राइवेट लिमिटेड की ओर से आयोजित प्लेसमेंट ड्राइव में डिप्लोमा ट्रिपल इं मैकेनिकल और बीटेक ट्रिपल इं और मैकेनिकल पास आउट 2022 के छात्रों ने हिस्सा लिया. फले राउंड में एंटीट्यूड टेस्ट हुआ. दूसरे राउंड में टेक्निकल राउंड और 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 इंजीनियर 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. परसुराम रजौ ने सभी चयनित विद्यार्थियों के उज्वल भविष्य की कामना की, साथ ही कहा कि यूनिवर्सिटी में उन्हें जो अच्छी शिक्षा दी गयी है, उसका इस्तेमाल प्रोफेशनल लड़ाई 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 approach incorporates syndicate learning, case studies, regular assessments and immersion in real-life industry projects designed to strengthen students knowledge in a specific areas of interest and to expose them to the real business world.



Workshop, 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 students.



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



Projects / Mini-Projects - Mini projects and Projects are part of regular curriculum of Diploma 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. Based on the Students' area of interest projects are guided under mentorship of our Professors.



Tech-Minds - Extracurricular activities of great passion and value which gives 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 the integrated part of this activity. This 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, also 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 programs and is regularly conducted in every semester. All the students are encouraged to participate in this competition which helps the students to test upon 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 & Societies

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 and program helps to bridge the gap between the industrial sectors and academics. Companies in the field of Electrical, Computer, Mechanical, Electronics, Automobiles Engineering, Data Science, Machine Learning etc. prefer B.Tech graduates in their respective specialisations. This Professional course provide practical knowledge in the field of technical education rather than theoretical.



150
Case Studies



25
Group Assignments



100
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

School has an exclusive central library of the University, having a wide range of latest edition books for different subjects of Technology, Management, different field 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.



Clubs@AJU

Giving students the tools they need to be leaders in tomorrow's world



CULTURAL CLUB



DRAMA CLUB



ENTREPRENEURSHIP CLUB



CODING CLUB



LITERARY CLUB



IT CLUB



SPORTS CLUB



MUSIC & DANCE CLUB

Clubs and organizations are a vital part of University life!

ARKA JAIN University has a very active students club in an organizational system. The students are strongly motivated to pursue different club and memberships which help them to enrich more throughout their University experience



SPORTS@AJU

Considered on par with Education, Research, and Entrepreneurship, students are encouraged and given immense support when it comes to sports.

On the intercollegiate front too, our students have continued to make us feel proud by, winning state level championships in various sports activities.

Stemming from the vision of overall student development, ARKA JAIN University provides facilities and encouragement for every sport, students find interest in. Exceptional talents are given adequate opportunities in their chosen sporting disciplines.

The University offers scholarships to help athletes who compete at state, national or international levels to meet the extra costs of elite participation.



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

WORDS FROM SOME OF OUR SUCCESSFUL ALUMNIS



VARTIKA JAISWAL

TAX CONSULTANT AT



Jain University is a place of learning, fun, culture, lore, literature and many such life preaching activities. Studying at the Jain University brought an added value to my life. It gave me an opportunity to meet different kind of people and learn a number of things.



ANURAG ROY

FINANCIAL ANALYST AT



I have pursued my graduation from AJU. It was a very exciting journey with lot of learning which provided me with some thought - provoking questions for myself. AJU has helped me to put thought into what my core values are.



PRABHA SHARMA

IT PROFESSIONAL AT



As IT professional specialising in Oracle, a corporate trainer in Infosys, won several medals in academic and extra-curricular activities at college and university level, gold medalist in her master's I am what I am today and what ever I have achieved is because of our ARKA JAIN University.



SOUMYADEEP BHATTACHARJEE

BUSINESS DEVELOPMENT
TRAINEE AT



This institution has been the turning point of my life where you learn corporate culture with your usual course of curriculum. I did my BBA from Jain college and after that I got placed in Byju' as a Business Development Trainee.



ASHISH BUDHRAJA

BUSINESS DEVELOPMENT AT



I am very proud to have been a part of AJU where students are not just students but Manager, Strategists, Leaders and Entrepreneur in making. Being a part of this institution makes me stand apart in the crowd and to believe in what I stand for.

Admission Process

OFFLINE MODE

- Collect the Application Form in-person by paying Rs. 600/- at the Admission Office or at university campus.
- (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 required documents and the fees.

ONLINE MODE

- Fill online form on our website www.arkajainuniversity.ac.in and Pay Rs. 600/- 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: info@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

