

Recognised by **UGC**



ARKA JAIN
University
Jharkhand



BCA
MCA

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

0-20 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



BCA

Bachelor of Computer Applications

Bachelor of Computer Applications is a 3-year undergraduate program. It is extended over six semesters. This program aids the students to get a sound understanding on computer applications which can give them a perfect start for a promising career in the field of Information Technology. This program prepares students with the necessary skills to build successful careers in the Information Technology Domain. The curriculum is truly tuned for the holistic development of the students and aims at nurturing them as proficient programmers and computer professionals. The course curriculum of BCA is designed keeping in view the academic as well as industry requirements. After successful completion of the program, one will have complete knowledge on how to utilise computer applications to fulfill the user's needs using different programming languages such as C, C++, Python, Java and many more. With sound academic knowledge of Computer Applications, one can easily get a job in large IT companies as Software Engineers at various positions at Multi National Companies, IT Industry, BPO & KPOs.



BCA SPECIALIZATIONS

- ARTIFICIAL INTELLIGENCE
- INTERNET OF THINGS (IoT)
- DATA SCIENCE



BCA (QUICK FACTS)

Eligibility for BCA: Candidate should have passed Senior Secondary Examination (10 + 2) from any recognized Board and should have a valid score card of the Entrance Exam conducted by the University AJU - Combined Entrance Test (AJUCET).

Duration: 3 Years

Eligibility for BCA (Lateral Entry in 2nd Year): Candidates who have passed Diploma in Computer Science from a recognized institute / University are eligible to take admission directly in the 3rd semester.

Duration: 2 years

PROGRAM HIGHLIGHTS

- Provides a substantial understanding of concepts in key areas of computer science.
- Teaches professional competence in developing software and in its design and implementation.
- Explains the analysis and synthesis involved in computer systems, information systems and computer applications.
- Provides practical skills to address problems in computer systems and applications.
- Teaches sound presentation and communication skills needed in the IT industries

CAREER OPTIONS

Students can pursue higher studies in reputed Universities in India and abroad.

Career options as Developer, Web Designer, Network Administrator at leading companies like Accenture, HCL, Wipro Technologies, Cognizant, TCS, LG Soft, Tech Mahindra, Infosys etc.

BCA (Institute of Analytics) with **IoA, UK**

BCA 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 BCA. 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 enrol 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 .
- The program 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

A blue-tinted photograph of four students (three men and one woman) sitting at a desk in a computer lab, looking at their monitors. The monitors have 'HCL' logos on the bezels. The background shows a window with a grid pattern.

MCA

Master of Computer Applications

Master of Computer Applications (MCA) program has been developed and designed to meet the growing demand of qualified professionals in IT industry particularly, in the field of Computer Science and Information Technology. The programme enhances the exposure of the students to variety of roles and responsibilities they can take up in the area of expertise. Enabling entrepreneurship is also the need of the hour and students interested to be on their own could leverage from the newly designed focused programme.

The teaching-learning methodology includes innovative pedagogies like case assignment, live projects, lab assignments, exploration of different software tools and presentation with viva voce. The MCA programme emphasizes on the depth of the knowledge of the recent trends and technologies in demand. The MCA program helps students in development of technical abilities, personality development, and soft skills development throughout the program.





MCA (QUICK FACTS)

Duration : 2 years (4 Semesters)

Degree awarded by : ARKA JAIN University

Passed BCA / Bachelor Degree in Computer Science or equivalent Degree. or Passed B. Sc. (H) / B. Com(H) / B.A. (H) with Mathematics at 10+2 Level or at Graduation Level (with additional bridge Courses as per the norms of the concerned University). Obtained at least 50% marks (45% marks in case of candidates belonging to reserved category) in the qualifying examination.

PROGRAM HIGHLIGHTS

- A balanced delivery of theoretical and practical dimensions of computer science through well structured curriculum
- Seminars, Conferences, Workshops and guest lectures by eminent persons from industry & academia
- Use of available resource of videos and lectures from MOOCs.
- Personality Development Module is integrated with curriculum
- Strong link with ICT Industry.
- Excellent Industry-Institute Interface
- Dedicated & Well-qualified Faculty Members
- Effective Training & Placement Assistance
- MoU with IT players for placement along with projects and corporate training

CAREER OPTIONS

- Application Programmer
- Information Security Executive
- Chief Information Security Officer
- Data Centre Manager / Technician
- Software Developer
- System Analyst
- Database Administrator
- IT Faculty



Professional Elective Course (PEC)

Elective-I (Select any ONE)

Cyber Security | Data Mining and Business Intelligence | Enterprise Resource Planning | Artificial Intelligence | Natural Language Processing

Elective-II (Select any ONE)

Block Chain Technology | Cloud Computing | Digital Marketing | Software Testing | NoSQL

Elective-III (Select any ONE)

Deep Learning | Big Data Analytics | Programming using C# | Software Project Management | Software Defined Networks

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. Moreover, the courses conclude with competency mapping to test your acquired competency and provide 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
- 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



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 Training Programs organized by T & P Cell

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

आरका जैन यूनिवर्सिटी के बीसीए के 5 छात्रों का 4.5 लाख के पैकेज पर चयन



जमशेदपुर, 6 मई (रिपोर्टर): आरका जैन यूनिवर्सिटी के बीसीए के पांच छात्रों का 4.5 लाख रुपये के पैकेज पर चयन किया गया. फ्रांसीसी मल्टीनेशनल एक्स की भारतीय इकाई ने छात्रों को कंपनी में जॉब ऑफर दिया है. सभी छात्रों की नियुक्ति बेंगलुरु स्थित भारतीय इकाई में तैनात किया जाएगा.

आरका जैन यूनिवर्सिटी में फ्रांसीसी मल्टीनेशनल एक्स की भारतीय इकाई की ओर से वर्युअल प्लेटफार्म पर किया गया. चयन प्रक्रिया दो चरणों में हुई. पहले चरण में शॉर्टलिस्ट हुए छात्रों की प्रतिभा को टेक्निकल व पर्सनल इंटरव्यू की कसौटियों पर परखने के बाद अंतिम रूप से 5 छात्रों का चयन 4.25 लाख रुपये वार्षिक पैकेज पर किया गया. यूनिवर्सिटी

के ट्रेनिंग व प्लेसमेंट विभाग के हेड हिमांशु सिन्हा ने कहा कि चयनित छात्रों का एसोसिएट्स, सिक्यूरिटी रिस्क व कॉन्फ़ाईडेंस सर्विसेज का महत्वपूर्ण प्रोफाइल मिला है. चयन प्रक्रिया के दौरान सब्जेक्ट मैटर पर छात्रों को पकड़ और बेहतरीन कम्युनिकेशन स्किल के प्रदर्शन से चयनकर्ता काफी प्रभावित हुए हैं और भविष्य में भी आरका जैन यूनिवर्सिटी में कैम्पस प्लेसमेंट करने का भरोसा दिया है. चयनित छात्रों में अभिषेक तिरुलागरी, कुमार शिवम, रीतिका कुमारी, बुंदा पांडा, अमन राज शामिल हैं. आरका जैन यूनिवर्सिटी के निदेशक अमित श्रीवास्तव, कुलपति डा. एस एस रजो समेत अन्य शिक्षक, शिक्षकों ने चयनित छात्रों को बधाई दी.

Integrated mode of Teaching & Learning

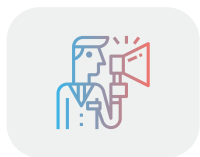
Our teaching-learning approach incorporates syndicate learning, case studies, regular assessments and immersion in real-life industry projects designed to deepen students knowledge in a particular area of interest and to expose them to the real world scenarios.



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, Private Sector, Public Sector, etc. visit our University and share their expertise & experience with our 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 Computer Science & Information Technology.



Projects / Mini-Projects - Mini projects and Projects are part of regular curricula of BCA / MCA programs 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 fields of Computer Science & Information Technology. Based on the Students' area of interest projects are guided under mentorship of our Professors.



Coding Competition - Coding competition is an integral part of BCA/MCA programs 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-Minds - Extracurricular activities lead to great passion and value which give students an opportunity to develop their skills. Different types of technology-based activities like quizzes, presentations, cultural events etc. are organized from time to time. Technical talks are also integrated 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.

**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 BCA / MCA. The exceptional teaching and program outcomes help to bridge the gap between the corporate and academe. Companies from the fields of Computer Science, Data Science, Machine Learning etc. prefer BCA & MCA graduates in their respective specialisations. The Professional programs provide 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



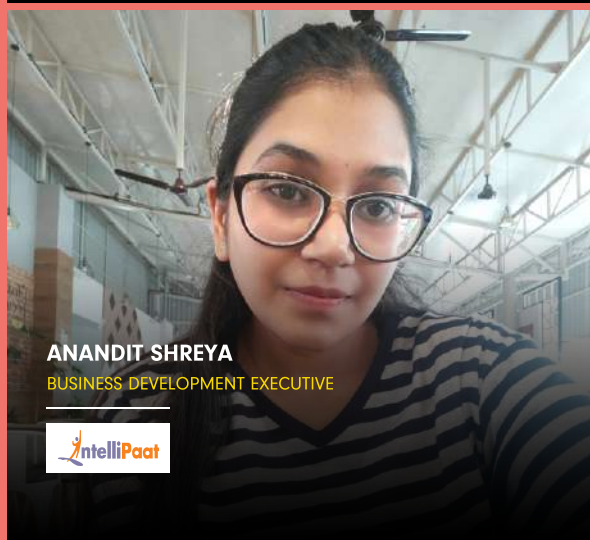
HARSHIT KUMAR SHARMA

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