



**ARKA JAIN**  
**University**

Jharkhand (Jamshedpur)

Recognised by **UCC**



Bachelor of  
**Optometry**

Bachelor of Science in  
**Biotechnology**

**SCHOOL OF HEALTH & ALLIED SCIENCE**



OF EXCELLENCE

## 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-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.



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

## RECOGNITIONS & APPROVALS

Pharmacy Council of India ( PCI )

Bar Council of India ( BCI )

Optometry Council of India ( OCI )

Jharkhand Nurses Registration Council (JNRC)

Government of Jharkhand

University Grants Commission (UGC)

Association of Chartered Certified Accountant (ACCA, UK)

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.





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.

“ 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.Sc Biotechnology

AJU School of Health & Allied Science aims at skill based education with a curriculum designed to prepare graduates in Science B.Sc. (Biotechnology) for lifelong learning and leadership capabilities with research based teaching procedures. B.Sc. Biotechnology draws upon the sciences of biology, chemistry, physics, engineering, computer and information technology that help in preparing scientific breakthrough for betterment of human being. The highlights of the program is that it provides multi disciplinary courses which enables the Graduates to take up challenges in the latest required research in Bio-Science (Health, Agriculture, Biophysics, Bioengineering and System biology). Graduates with this course develop the problem-solving skill, analysis power and proficiency with the use of computers. The School of Health & Allied Science is dedicated with a team of highly qualified and well trained faculty and staffs from different department working towards academic growth through research and development.







## Biotechnology ( QUICK FACTS )

Eligibility for ( Bio Technology ): A candidate should have passed Senior Secondary Examination (10 + 2) with Science from any recognized Board

Duration (Bio Technology): 3 Years | 6 Semester

Degree: Bachelor of Science ( Bio Technology ) degree awarded by ARKA JAIN University, Jharkhand

### What Will I Experience?

It provides more than technical training and teaches sophisticated skills of analysis & problem-solving that able you to solve practical biotechnological task and take on specialities and managerial duties. The state of art curriculum promotes independent thinking and learning at an individual's pace. The programs nurture you to meet the global competency in industry and academics.

### Area Of Biotechnology

- Health, Medical Diagnostic
- Patents, Publication, Inventions
- Food Biotechnology, Nutrition Science
- Desert Biotechnology
- Bioinformatics, Nanotechnology
- Industrial Biotechnology
- Agriculture, Environmental Biotechnology
- Aquaculture, Marine Biotechnology

## Advantages

- Mentioned by India's top Notch University "JAIN University, Bangalore"
- Exceptional facilities including library, technology Enabled class Rooms, Hi-tech Labs, Seminar Hall , Auditorium & Cafeteria
- Teaching Pedagogy : Workshops, Guest Speaker Sessions, Group Learning, Industrial Visits, Case Study Analysis Approach
- Well Connected transport facility to all major points across the city
- Highly qualified faculty members
- Ragging Free Campus
- Social Engagement through NSS, Rotract etc.
- City Hostel Facilities
- Industry-Institute collaborated Teaching
- Placement Support through placement & career guidance cell
- Student friendly environment
- Straggled natural campus
- Well equipped laboratories with latest equipments
- Research oriented updation
- Value Added Course



## BIOTECHNOLOGY : INNOVATION FOR QUALITY OF LIFE

### Career Prospect

- Eligible to pursue higher studies (Post Graduate ) in India & Abroad
- A graduate may find work as research scientist / project assistant in the university, research institute or private centres National and International NGO's in different projects
- A graduate in Biotechnology have exciting work opportunities and steady growth is predicted for the industry. In addition to large international companies many small and medium sized enterprises ( SMEs) and start-up companies are finding a place in the market.
- Typical Applications and Industry :-
- Pharmaceutical Industry
- Research Institutions
- Bioanalytical Companies
- Hospitals
- Cosmetic Industry
- Suppliers and Equipments Manufacturers (laboratory and diagnostic equipments)
- Environmental agencies
- Licensing and supervisory authorities
- Planning, consulting and service companies



# B.Optom.

## School of Health & Allied Science

AJU School of Health & Allied Science aims at skill based education with a curriculum designed to prepare degree graduates in Optometry for lifelong learning and leadership capabilities with research based teaching procedures. The Dept. of Optometry is enlisted by Optometry Council of India (O.C.I.) & member of Association of school & college of Optometry (ASCO) India. AJU B. Optometry Course is a 4-Year full time regular degree program with internship in the last two semesters. The School of Health & Allied Science is dedicated with a team of highly qualified and well trained faculty and staffs from different department working towards academic growth through research and development.

Optometry is a health care profession that is autonomous and concerned especially with examining the eye for defects and faults of refraction, with prescribing correctional lenses, prisms, eye exercises and/or visual rehabilitation care for visually impaired, with diagnosing diseases of the eye, and with treating such diseases or referring Speciality them for treatment. Optometry as a profession has the primary public health responsibility for eliminating uncorrected refractive error (the leading cause of vision impairment globally). As primary eye care practitioner, optometrists have a vital role in detecting potentially serious eye diseases such as cataract, glaucoma and Diabetic retinopathy, age-related maculopathy, as well as general health conditions such as hypertension, diabetes, thyroid etc. Optometry is rated among the top ten Health profession in Developed Countries.





## B.Optom ( QUICK FACTS )

**Eligibility for B.Optom** : A candidate should have passed Senior Secondary Examination (10 + 2) with Science from any recognized Board

**Eligibility for B.Optom (Lateral Entry)** : A candidate should have passed Diploma in Optometry Examination from a recognized institute / university having 10+2 with science are eligible to take admission directly in 3rd semester.

**Duration (B.Optom)** : 4 Years | 8 Semester

**Duration B.Optom (Lateral Entry)**: 3 Years | 6 Semester

**Degree**: Awarded by ARKA JAIN University, Jharkhand

### What Will I Experience?

It provides more clinical training and teaches sophisticated skills of analysis & patient care that apply different specialities of Optometry Practices & Management.

The state of art curriculum promotes independent thinking learning & decision making at an individual's space while optometry practices.

The clinics ( Labs ) provide you all speciality in Optometry practices.

Seminars, webinars and guest lectures by optometry pioneers.

## Advantages

- Fosters curiosity, creativity and clinical integrity among the students
- Mentored by India's top Notch University "JAIN University, Bangalore"
- MOU with Jamshedpur Eye Hospital | Purnima Netralaya | Sanjeev Netralaya for technical training,
- Exceptional facilities including library, technology Enabled class Rooms, Hi-tech Labs, Seminar Hall ,
- Auditorium & Cafeteria
- Teaching Pedagogy : Workshops, Guest Speaker Sessions, Group Learning, Industrial Visits, Case Study
- Analysis Approach
- Well Connected transport facility to all major points across the city
- Highly qualified faculties from leading Eye -Institute of India
- Social Engagement through NSS, Rotract etc.
- City Hostel Facilities
- Industry-Institute collaborated Teaching
- Placement Support through placement & career guidance cell
- Student friendly environment & Ragging Free Campus
- Well equipped with latest laboratory and clinical Equipments
- Hands on with Patients (running optometry clinic)
- Research oriented updation
- Well equipped optometry clinic at AJU offers a helping hand to the budding optometrists.

## Career Prospect

- MNCs like Lenskart, Titan, Himalaya
- Private sector (INDEPENDENT PRACTICE)
- Public health Sector
- Eye care hospitals & institutions (Dr. Agarwal's, Sanjeev Netralaya)
- Education Sector
- Scientific research (M. Sc., M. Phil, Ph. D.)

## Different Specialities

- Cornea and contact lenses
- Low vision rehabilitation
- Binocular Vision & Orthoptics
- Ocular Prosthesis
- Occupational & sports Vision
- Public Health & Community Optometry
- Vision Therapy
- Geriatric and paediatric optometry
- Behavioural optometry





# Integrated mode of Teaching & Learning

Our teaching 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 business world.



**Workshop, Seminars, Guest Lectures, Industry Interface** - 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 Sector, Public Sector, etc. visit our University and share their expertise with students and guide students to help them to become better managers/entrepreneur .



**Speaker Series** - Speaker series are conducted in every semester. During the series, experts from different specialised fields of Bio - Technology and Optometry interact with the students on the topics of high technological advances, academia-industry relations, research initiatives, etc.



**Projects / Mini-Projects** - Mini projects and Projects are part of regular curriculum of Bio - Technology and B. Optometry program at AJU. Students are exposed to all the latest technologies while developing Projects at our world class lab facilities in the University. Projects are mentored in various areas of technology. Based on the Students' area of interest projects are guided under mentorship of our Professors.



**Internship** - Students of bachelors in optometry pursue their comprehensive clinical internship in the final year i.e., 4th year. They are placed in the renowned eye hospitals. During which they are posted in various eye departments like glaucoma, vitreo-retinal, pediatric, anterior segment, ocular diagnostics, vision therapy, specialty contact lenses low vision et cetera. This internship shapes the students' future prospects since the previous three years the students are taught in the college about all the theoretical and practical part of the optometry but the clinical internship ensures the students' first clinical steps into the community practice.

**MOUs**  
with organizations for  
training & placement  
support



EMPAANELED UNIVERSITY FOR TATA STEEL JET EXAM

# Clubs@AJU

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

 CULTURAL CLUB	 DRAMA CLUB	 ENTREPRENEURSHIP CLUB	 TOASTMASTERS 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







**AARAMBH**  
Induction & Orientation



**JAIN PREMIER LEAGUE**  
20-20 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



**CARVAAN**  
An Annual Expedition of AJU



**AAGAAZ**  
An Annual Cultural Fest

**NAVOTSAV**  
Gandhi Jayanti cum Navratri Celebration



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



**RUKSAT**  
Farewell Function

# CARNIVALS@AJU



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.



It encourage the community involvement and provide members with opportunities to serve the community through volunteer service. Individuals could develop qualities such as leadership, network exposure, social development, personal development, organization and management Skills.



**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.

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





## 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

## PARENTS SPEAK



### MR. AFTAB ALAM

I am proud that my daughter chose biotechnology as her career option as it is one of the developing fields and has various career opportunities ahead. I'm glad that my ward enrolled in AJU as it provides a friendly environment and supportive teachers who have a good understanding of this field, teaching here is not only limited to the classroom they also provide industrial visits and various curriculum activities like counselling and seminars.



### MRS. PARKASH SINGH

It is great to see that department of optometry, ARKA JAIN University has all the facilities for child's academic growth, as it has well equipped optometry laboratories, friendly teaching faculties and a good environment that ensures your child's better future.

## STUDENTS SPEAK



### KASHFIN QAMER B. Sc. Biot., 2020-23

Albert Einstein well said that (Education is not the learning of facts but the training of the mind to think.) and here in ARKA JAIN UNIVERSITY the students are taught how to think, not what to think. It's been amazing so far to be a part of this University.



### STUTI EKKO Optometry - 2020-2024

The journey at AJU so far has been exceptionally good. The university as well as the department provides a wide exposure with various eye hospitals and guest speakers who come from an accomplished background. The faculty is extremely helping and provides guidance which is fruitful for not only now but also for the future. It's really great for me to be a part of AJU in my journey of life



# 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](http://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](http://www.arkajainuniversity.ac.in)

**Email:** [info@arkajainuniversity.ac.in](mailto: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

