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Journey to
Excellence

Information Brochure
2016-17



VISION

To be an Institution of Academic excellence with total commitment to quality education, research and improvement in human values with a holistic concern for better life, environment and society.

MISSION

To serve the society and improve quality of life by nurturing high quality talent, providing excellent academic and research environment, consultancy services and promoting dissemination of knowledge.

"The direction in which education starts a man will determine his future in life." – Plato



Contents

02	Message from Vice Chancellor
03	Message from Pro Vice Chancellor
04	The University
05	Sponsoring Body
06	Infrastructure
09	Teaching Methodology
10	Department of Management
14	Department of Engineering & Technology
24	Department of Architecture
26	Department of Agriculture
28	Department of Physical Science
30	Department of Architecture
32	Department of Law
38	Training & Placement Cell
42	Life @ Jagannath University
44	Courses Offered
45	Rules & Regulations





Message

Professor (Dr.) V.K. Agarwal
Vice Chancellor

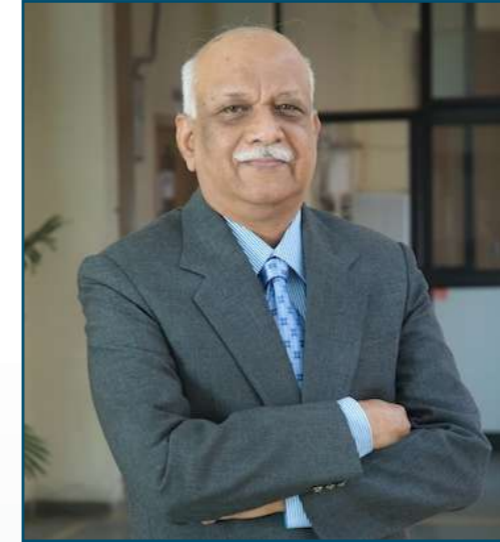
Jagan Nath University promoted by Jagan Nath Gupta Memorial Educational Society was established in 2008 by Rajasthan State Legislature Act and approved by UGC under section 2(f) of the UGC Act, 1956. We are also member, Association of Indian Universities (A.I.U.). In a short span of time the University has gained wider recognition for its remarkable progress and is clearly emerging as one of the premier private Universities of the Nation. It has become a preferred destination in the field of higher education. The University offers undergraduate, postgraduate and Ph.D. programmes in areas like Management, Engineering, Architecture, Law, IT, Commerce, etc. through innovatively designed curricula. Our proven teaching methods and strong research orientation has ensured high levels of academic achievements. We are constantly striving for excellence by promoting free thinking and going beyond conventional methods of teaching. Our aim is to produce graduates and professionals with a sense of confidence and conviction. We tap the young talent and cast them in an appropriate mould through intensive learning programmes. While interacting with the young mind, we lay emphasis on the rigorous education, training and skill development in an inter-disciplinary context.

We have well qualified and experienced faculty to act as mentors to our students. The research and outreach initiatives taken by the teaching fraternity continue to be relevant in the academic world. The publication of research papers in the leading profession journals having high impact factor speak of the quality.

Our academic programmes are equally complemented by strong industry partnership programmes like seminars, workshops, guest lectures, internships and placements. It serves the dual purpose of enhancing research expertise as well as producing professionally oriented industry ready graduates.

Besides the academics, the campus offers a vibrant life and offers tremendous opportunities to students for intellectual and personal growth. Our sprawling pollution-free campus in the heart of Rajasthan is equipped with good infrastructural facilities. The University enjoys a sound reputation and is constantly working towards the goal of serving the moral and social needs of the society by imparting quality education and transforming the students into responsible citizens.

I extend you all my hearty welcome to this great University.



Message

Prof. (Dr.) Y. S. Shishodia
Pro Vice Chancellor

Welcome to Jagan Nath University. We invite you to visit us any time in person or through the website.

In an increasingly competitive world, a good education is one of the most important assets a person can strive for. University education aims at providing students with necessary knowledge and skills that will enable them to become successful professionals. We offer students the opportunity to work towards achieving their professional dreams as well as open up space for all round growth.

We firmly believe that the aim of education is to create well-rounded thinking individuals who face the challenges of the world in an informed manner and who see themselves as active participants and creators of society. Our university is dedicated to offering quality education, including academic research and focus on needs and potential of the students, we aim to provide space, which is conducive to creativity and knowledge, to instill a sense of values that will be carried in workplace, to nurture respect for oneself and others.

A University is a living organism, which grows and develops and reflects the dreams and aspirations of those, it is made up of. The highly qualified teaching faculty, modern laboratories, Wi-Fi enabled campus, a rich collection of books and access to on-line books and journals, Technology-Enhanced learning, microcomputer controlled data acquisition systems and student projects, amongst others make university education an enriching experience, an exchange of learning and opportunities to nurture innovative ideas. This has been the aspiration and dream of Jagan Nath University and we want you to become a part of it.



Established in 2008 by an Act (Act No. 19 of 2008) of Rajasthan State Legislature

Approved by UGC u/s 2(f) of the UGC Act 1956

Member, Association of Indian Universities (AIU)

An ISO 9001-2008 Certified Institution

Accreditation & Recognitions:

University Grants Commission (UGC)

Distance Education Council (DEC)

Association of Indian Universities (AIU)

Bar Council of India (BCI)

Council of Architecture (COA)

Jagan Nath University, Jaipur has been established to cater to the growing needs of higher education in the country. One of the primary objectives of the University is to produce trained manpower to accelerate sustained economic growth in a highly competitive global environment. The aim is to impart quality education through latest curriculum, improved teaching methodology, recruitment of best talent as faculty, development of excellent infrastructure, industry interaction, having a research base in all areas of studies by harnessing Faculty of Management, Engineering & Technology, Sciences, Architecture & Planning, Information Technology, Law, Commerce and many more.

To face the challenges of the globalization and liberalization in the field of higher education, the University has endowed its faculty and students with modern technologies, skills and attitudes so as to make them competent for the challenges and to enhance the quality of teaching to contribute constantly towards learning and research and also to make it as one of the best Centre of Excellence for higher studies and research. The University upholds the credo of discipline, dedication, devotion and determination with passion, patience, positive outlook and above all faith amongst the students. It is true that conducive environment with updated technological inputs and latest information helps not only providing quality education but also to provide human touch and dedication to the cause of the nation and the society.

The University is in proximity to the airport and industrial area on Tonk Road on a vast campus spread over 50 acres of land with all modern educational facilities in its ambience with dedicated transport system between the Jaipur City and the Campus. The fully Wi-Fi enabled University campus has well planned modern infrastructure and residential complex for faculty and staff.

The University



Education is the most powerful weapon which you can use to change the world. – Nelson Mandela

Sponsoring Body

Jagan Nath University, Jaipur has been promoted by the Jagan Nath Gupta Memorial Educational Society, a registered non-profit organization, established in 1993 with a mandate to “serve the academic and professional needs of the students in the country”. The Society, established in the memory of Late Shri Jagan Nath Gupta, an industrialist, educationist, a great visionary and social reformer, has been imparting high quality value based professional education for the last 20 years in NCR Delhi and Jaipur to create a pool of professionally qualified and skilled managers and entrepreneurs to meet the growing needs of trade and industry. The educational programmes of the society are dedicated for the promotion of holistic education and academic excellence in the technical arena. Along with carving a niche for itself, the Society has promoted the general advancement of knowledge by igniting the cerebral dimensions of students and by nurturing their innate talents. The students after having completed their studies successfully from a Jagan Nath Group of Institutions, under the aegis of Jagan Nath Gupta Memorial Educational Society, including Jagan Nath University are well placed and have taken up the role of entrepreneurs successfully or join industry and business as professionals and are readily accepted by both the public and private sectors in India and abroad. The vision of the society is to establish institutions and Universities of academic excellence to provide quality education which is known for the total commitment to professional education and research. The aim of the society is to serve the mankind and improve the quality of life by using latest modern aids of training and imparting best education. While setting up high standards for education, the society thrives to meet the social responsibilities to impart free education at all levels to the needy and economically weaker section of the society so as to improve their livelihood which would in turn lead towards making the better India.



Jagan Institute of Management Studies Sector-5, Rohini, New Delhi



JaganNath International Management School Kalkaji, New Delhi



JaganNath International Management School Vasant Kunj, New Delhi



JaganNath Gupta Institute of Engineering and Technology Jaipur, Rajasthan



Jagan Institute of Management Studies Jaipur, Rajasthan



JIMS Engineering Management Technical Campus Greater Noida, U.P.





Infrastructure

Campus

Modern world class campuses spread over beautifully landscaped area, with intellectually vibrant ambience in a serene and lush green environment are among one of the most impressive ones in the State of Rajasthan and Haryana. The wi-fi enabled campus have the state-of-art infrastructure comprising environment friendly Administrative Block, Academic Blocks, spacious class rooms with internet and intranet connectivity and hi-tech multimedia and audio-visual equipments, well equipped modern laboratories and lab, Learning Resource Centre, auditoriums, seminar halls etc. Besides building the learning resources, the University has also created several other facilities such as separate hostels for boys and girls, faculty and staff residence, sports facilities, medical room, open-air theatres, food courts, book-shops and other utilities and services. The University campus has playgrounds and courts for various games such as cricket, football, basketball, volleyball, badminton, well equipped gymnasium and facilities for indoor games for recreational activities of the University inmates. Athletic tracks, swimming pool and other sports facilities are also fast coming up at the campus. The world class physical and academic infrastructure developed by the University, essential for imparting quality education, facilitate teaching learning process and delight the students, faculty, corporate visitors and parents. Special emphasis have been placed on developing an environment highly conducive to build a solid foundation of knowledge, personality development, confidence building, pursuit of excellence, self-discipline and enhancement of creativity through motivation.

Class Rooms

The Classrooms provide the most conducive atmosphere for dynamic and focused discussion and are a significant factor in creating harmony in the teacher student relationship. The spacious classrooms have been designed to propel an enquiry based learning that fosters liberation of mind and eagerness to learn. The classrooms with internet connectivity are well equipped with Hi-tech multimedia and audiovisual equipments to facilitate effective learning which sets the tone in stimulating discussions. The classrooms are the platforms where the students imbibe the virtues of hard work, discipline, ethical practices & achieve the high standards of excellence in every sphere of life

Library

The library of the University, fully computerized, is a veritable storehouse of information with ample number of text and reference books, national and international periodicals & journals, thesis & dissertations. The library has a special collection of prescribed text books called 'Book Bank'.

The library provides latest research and reference material in print and audio-visual formats along with the facility to refer to e-journals, CDs, Project Reports, Government Publications, Reports and Newsletters, back volumes related to management, information technology, mass communication and design, hospitality management, fashion, science, engineering, law, architecture etc. for the reference of the students and the faculty which help them in strengthening teaching and learning process.

The library has access to financial database of CMIE's Prowess. Keeping in mind the needs of the students, the multiple copies of the standard textbooks and books by well-known authors have been stocked. Distinctive and well stocked individual libraries have also been developed for different programs in different faculties of studies.

Innovative Laboratories

The University has well equipped separate labs for teaching and research. The labs takes care of the instruction on Computer Fundamentals to all students. Students use resources of the laboratories to solve problems, perform developmental experiments and work on projects guided by faculty. By permitting longer hours lab facility and access to the network from each class room and lecture theatre, information is made easily accessible from any point within the campus. The students are provided a 4 Mbps line in their hostel rooms to give them the opportunity to spend time exploring and utilizing the resources offered through the Intranet and Internet. The experiments are designed to provide deeper understanding of phenomenon, facts and fabrication/assembling of equipment from components to get hands-on experience. The drudgery of repetitive measurements is reduced by shift forwards micro computer based laboratory which allows the detailed analysis and interpretation of acquired data for our students.





IT Centre

The nerve line of the University IT Centre precisely works on vision based action. It is future savvy so as to adapt itself for future changes. The IT labs have high speed Pentium IV 2.66 GHz windows 2003 based networking system. IT center is enriched with scanners, LCDs, laser printers, combo drives and Web- Cam for video conferencing and related purposes

Hostels

The University campus at present has 4 separate hostels for boys and girls. 3 boys hostels with a capacity of 150 each number of seats and one girls hostel with 84 seats. The hostel rooms are spacious, well furnished and are provided with LAN connectivity with 24 hours internet facility, reading rooms with dailies and magazines and additional indoor sports facilities. The hostels are equipped with generators to provide 24 hours electricity supply. A round the clock security is enforced for constant vigilance and surveillance. Hostel Messes are run under the guidance of the Hostel Warden. Separate hostels for boys and girls, faculty and staff residence in lush green environs provide a pleasant and right ambience and atmosphere for intellectual stimulation.

Cafeteria

The Cafeteria not only provides a vibrant atmosphere and unleaded fuel for the day but also put forth a new method of knowledge sharing called the "Cafeteria approach". It is an innovative and informal method of learning where one can debate, discuss and deliberate over a cup of coffee and thereby actively nurture one's interpersonal skills.

Transport Facilities

University's network of transport buses cover all nearby neighborhoods, including local communities and townships lying within the radius of 50km. It is designed for the convenience of our students and staff members who are residing outside the campus. This ensures their personal safety, travel reliability and punctuality on the campus.

Medical Facilities

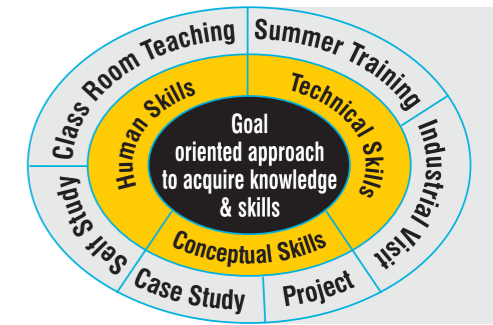
Round the clock Medical Center with fully equipped all necessary equipments for First- Aid, general check-ups, BP check-ups, and Ambulance facility for critical illness are available. Doctors and nurses are available on shift basis to provide all support to the Hostellers, Day scholars and staffs of the University.

The university has tie-ups with Narayana Multispeciality Hospital, Jaipur and Health Vision, Jaipur. The University has its own well equipped Ambulance.

ATM facility also available in the campus

Education is not the filling of a pail, but the lighting of a fire.

William Butler Yeats



Teaching Methodology

The University follows a unique pedagogy for teaching the concepts to its technical and professional programmes, so that students can learn with latitude and empathy: The pedagogy lays emphasis on:

- Clear conceptual understanding of subjects through class room teaching
- Reinforcement of learned concepts through case studies and audio-visual aids.
- Wide range of human skills and techniques for creative thinking & decision making.
- Practice through projects, experiments and hands on/ on the job training.
- Communication skills, leadership & Teamwork skills gained through various group activities.
- Application by real life training, Industrial visits, tours and industry apprenticeship.



Department of Management

Programme Offered

- **BBA (Bachelor of Business Administration)**
- **MBA (Master of Business Administration)**
- **Ph.D. (Ph.D in Management)**



BBA Bachelor of Business Administration

Overview

BBA, basically the study of Business administration has reached enormous height amongst the present generation as it helps the students for their all-round development by providing them specific knowledge in the field of Finance, Accounting, Marketing, Management, Technology, Hospitality or any other field of business. In recent years, the BBA programme is developed in order to reach the high expectations of the core based companies that are involved in both, management of the business as well as within the Human Resource Department. This it self shows the significance of the course.

A three year full time BBA programme is an intensive, rigorous and selective course designed to provide each student with the intellectual and professional tools needed to assume positions of higher responsibilities. The programme is focused at developing strong foundation for business fundamentals and enhancing conceptual skills to understand the basics of problem solving and encourages students to develop their own unique style of leadership. The importance of BBA can be estimated easily by knowing the requirements to be a part of the corporate sector. To work with corporate giants is not very easy now a days. One needs to be very much specialized with the skills to manage various business operations. In order to gain these skills, one requires Bachelor's degree in Business Administration. It also gives strong foundation for admission to MBA degree programme.

Course Highlights

- Well structured lectures with practical approach
- Provide exposure to students to a variety of "core subjects"
- The programme develops the student's practical managerial skills, communications skills and business decision-making capability.
- Incorporate training and practical experience, in the form of cases, projects, presentations;
- Industry interaction through internships, industrial visits, working projects and interaction with experts from the industry
- Personality enhancement modules focusing communication skills, time management etc.
- Develop Management skills through aptitude test, management games, mock interviews & group discussions
- Prepares students to take up positions in any field related to Management.

Industry Projection

Indian corporate is coming to age, thus requiring a huge reservoir of people who are trained for business and for management. Changing economic conditions and intensification of global competition have given management education an increasingly central role in the success of individuals and corporations.

Management education involves a lifetime process, a continuum of learning. Therefore, laying a strong foundation for the same is important. It is evident that an under-graduate programme in management plays a vital role. It gears the students to take on the challenging and rewarding corporate world by providing a wide array of capabilities and skills.

Objectives

- To provide students with an in-depth knowledge of core management.
- To train future industry professionals.
- To impart comprehensive knowledge with equal emphasis on theory and practice.
- Keep the students up-to-speed on all the latest and cutting edge technologies.
- To help students demonstrate knowledge of fundamental business content.
- To enable students to understand different business opportunities and challenges in a global environment.
- To help students experience approaches to working with or managing persons different from themselves.
- Students will analyze business situations and recommend managerial responses.

Career Opportunities

- Executives and Brand Representatives in various disciplines of Marketing, Retailing, Banking & Insurance, Sales, HR, Finance, IT and International Business
- Customer Care Executive in IT enabled Services/ BPOs, MNC Banks, Telecommunication Services, Fairs, etc.
- Event Management Executives in Educational Institutions, Entertainment Industry and Business Fairs.
- Executives in HR Placement Consultancy Firms
- Opportunities in NGOs and Public Sector Banks
- Higher Studies
- Self Employment

Course Curriculum

Please visit www.jagannathuniversity.org



MBA Master of Business Administration



Overview

To achieve a leadership position in the highly competitive corporate environment the budding managers need to develop a strong vision for their companies, apart from having a terrific sense of commitment, professional expertise, determination, great motivational skills and leadership qualities.

According to the growth rate of India in terms of power parity, it implies that we can beat United States within next 25 to 30 years and become economically the strongest country in the world. For this, the Government of India needs to support the Indian organizations with suitable pro-people & pro-Indian policies, which would help Indian organizations in becoming stronger to compete in the world market successfully. Future leaders should be aware of this and not remain intellectually handicapped. The University strives for these commitments and continuously endeavors to educate its students and associates on such issues with the belief that sooner or later, structured economic independence can be achieved through a combined effort.



The MBA Programme:

Distinct Edge

Programme Design & Duration

MBA is a two-year full time programme, spread over four semesters. The first two semesters provide strong foundation in basic disciplines of management, and the remaining two semesters enable the students to specialize in their area of interest. The programme is developed after extensive research and interaction with its various stakeholders, students and alumni of our parent sponsoring body. The course curriculum is fully updated to meet the business and social requirements. The programme strikes an innovative balance between theory and practice of management. It aims at nurturing highly motivated business executives to meet the challenges and to cope up with increasingly diverse workforce.

Specialization

In today's era, specialization plays a vital role in elevating ones career. Through industry interaction, guidance from experts and extensive research, subjects are formulated that gives our students an advantage in specialized subjects. It helps in enhancing their prospects to reach greater heights. Students can choose any one major and a minor specialization amongst the following.

- Marketing
- Finance
- Human Resource
- Information Technology

Programme Strengths

In MBA programme at Jagan Nath University, we nurture the skills of individuals and help them become good professionals who develop business for themselves and for the company. We produce managers who strive for a balanced personal and professional life, successes in their fields our students are exposed to global competitions, emerging techniques, imminent opportunities, social and cultural diversities and so on, making them ready to face the challenges of the dynamic business environments of the day.

Teaching Pedagogy

Besides Classroom Teaching various instructional methodologies are adopted to help students grow as future managers. With the help of case studies, projects, class presentations, role plays, seminars, mentoring sessions we help students demonstrate the knowledge of fundamental business content.

Industry-Academia Interaction

MBA programme aims at continuous interaction of the students with the industry for the upgradation of business knowledge and skills. It is through various activities as -

- **Industrial & Corporate visits** provide vital information about the organization, its performances and various functioning process. It also enables to understand the internal working environment. Therefore the students are exposed to the corporate working environment through industrial visits in companies like Hero Moto Corp., Ambuja Cement, Daikin, Parle G, Eicher Engines, Shree Cements, Mico Bosch etc.
- **Summer Internships** enables them to understand theoretical concepts learned at university in a real life corporate context. The students are required to undergo summer internship for a period of 6 to 8 weeks with reputed companies. Here students have been associated for summer internships with companies like NTPC, BHEL, HCL, Pantaloons, Hindustan Zinc, Amul, Genpact.
- **Live Working Projects** - Working on live and time-bound projects gives the students first hand experience of the business and market. By doing various awareness, consumer preferences, comparison of products and services related projects at McDonalds, Big Bazaar, Shoppers Stop, HDFC Bank etc. help students understand the same.
- **Participation of students** is encouraged in various conferences organised by different management bodies like AIMA, FICCI, CII and ASSOCHAM.

Placement Assistance

Academic skills alone are not enough to enter and lead in today's corporate world. It is looking for analytical ability, creativity, leadership skills, team spirit, entrepreneurial mind set over mere marks. We, at Jagan Nath University inculcate these qualities and skills through a specifically designed **Intensive Training Program (ITP)** aiming for placements. This program covers -

- Workshops - by Corporate trainers and business experts
- Mock Sessions and GDs
- PDP Sessions - Focussing both verbal and non verbal behaviours
- Business etiquettes

Course Curriculum

Please visit www.jagannathuniversity.org



Department of Engineering & Technology

Programme Offered

→ B.Tech

- B.Tech in Computer Science
- B.Tech in Mechanical
- B.Tech in Civil
- B.Tech in Electrical

→ M.Tech

- M.Tech in Computer Science Engineering
- M.Tech in Mechanical Engineering
- M.Tech in Civil Engineering
- M.Tech in Electrical Engineering

→ Diploma in Engineering

→ Master of Computer Application

→ Bachelor of Computer Application

→ Ph.D

- Ph.D in Computer Science Engineering
- Ph.D in Mechanical Engineering
- Ph.D in Civil Engineering
- Ph.D in Electrical Engineering

B.Tech

B.Tech in Computer Science

B.Tech in Civil

B.Tech in Mechanical

B.Tech in Electrical

Overview

“Engineering is a career field that utilizes scientific and mathematical principles to create products or designs and solve problems.”

Technical Education plays a vital role in human resource development of the country by creating skilled manpower, enhancing industrial productivity and improving the quality of life of the people. It is one of the most significant components of human resource development. Technology and engineering translate scientific knowledge into action and at the same time, technological innovations require further research into materials, devices, and processes. Engineering is the key to the technological, economic and societal development of any nation. The Engineers develop new manufacturing processes and products; create and manage energy, transportation and communications systems; prevent new and redress old environmental problems; create pioneering health care devices; and, in general, make technology work. Through these activities, they create a huge potential to develop national wealth- “the nation with the best engineering talent is in possession of the core ingredient of comparative economic and industrial advantage.” The pace of technological innovation will continue to be rapid and accelerating in the new millennium. The world in which technology will be deployed will be intensely interconnected, diverse and multi disciplinary. The presence of technology in our lives will be seamless and more significant than ever. This will necessitate, amongst others a good understanding of engineering science fundamentals, systems perspective and importance of team work.

Programme Design & Duration

B.Tech is a four-year programme, spread over eight- semesters. The programme comprises of various core and elective subjects interspersed with summer training. A distinctive feature will be one Full Semester (Eighth Semester) Project work in relevant field in industry/academic or government organization to get real life experiences. The first year of the programme is foundation courses in core engineering subjects with blend of Humanities and Applied Sciences. Third Semester onwards, students undergo advanced studies and enhance their skills in the relevant branch.

The B.Tech - M.Tech, Dual Degree Program is of 5 year (Ten Semester) duration. The student can exercise the option of Dual degree at the end of Sixth Semester. For such students the course work from eighth semester onwards will be different from B.Tech courses.





Computer Science & Engineering

The Department of Computer Science offers a broad knowledge, based on the application and theoretical foundations of computer science. With the mission to impart high quality education and carry out leading-edge research in the discipline of Computer Science and Computer Engineering, the Department provides state of the art computing facilities to the students for training and research.

The department consists of splendid computer labs with more than 250 state of the art systems supporting computer graphics lab, operating systems lab - supporting windows, UNIX, Linux, software labs supporting C, C++, Java, Oracle, etc. Advanced CAD/CAM lab having software's like AutoCAD, Computer organization & Architecture lab with 15 computer terminals, EPROM programmes and adequate numbers of advanced Intel, Motorola, ARM, PIC and AVR microprocessor/controllers.



Mechanical Engineering

Mechanical Engineering involves the design, analysis, and manufacturing of a wide variety of mechanical components and systems. The department aims at providing basic knowledge in Mechanical Engineering along with in-depth knowledge in the design of mechanical components and production engineering. The syllabus is designed to overcome the challenges of modern day industry and its commitment to produce knowledgeable and responsible Mechanical Engineers.

The department is well supported by workshop of Carpentry, Welding, forging, Machine Turning etc. The department has two computer laboratories - one for Computer Aided Design and another for Simulation & Fluid Flow Analysis. The Heat Engines Lab includes Twin Cylinder 4-stroke Diesel engine test rig, 4-Cylinder 4-Stroke Petrol engine test rig, and single cylinder 2-Stroke Petrol engine test rig.



Civil Engineering

Civil Engineering is considered to be the most versatile branch among all the engineering branches. It is the branch with a lot of diversity from environmental to hydraulics, geotechnical sciences to structural engineering, transportation to hydrology. The Department of Civil Engineering has been established with the vision to give an exposure to budding civil technocrats to various challenges in the profession.

The major Laboratories of this Department are Concrete Laboratory, Structural Laboratory, Structural Dynamics Laboratory, Survey Laboratory, Highway and Transportation Engg. Laboratory, Hydro Informatics Laboratory, Environmental Engg. Laboratory and Geology Laboratory.

Electrical Engineering

Electrical Engineering is an another versatile department of Engineering discipline, equipped with the latest experimental and computational facilities for taking up Research & Development activities in various fields. The Department has a fine blend of young and dynamic faculty and supporting lab technicians.

All the labs are equipped with sophisticated instruments and trainer kits, most of which are custom-designed to provide better demonstration and easier understanding of the concepts. The digital signal processing (DSP) lab is outfitted with DSP trainer kits using ICs of Texas instruments for speech processing. This department also provides various facilities with analog control system equipments; digital control system and PC based control system setups in the control system laboratory.

Course Curriculum

Please visit www.jagannathuniversity.org

M.Tech Master of Technology



- M.Tech in Computer Science Engineering
- M.Tech in Mechanical Engineering
- M.Tech in Civil Engineering
- M.Tech in Electrical Engineering

Overview

The pace of technological innovation will continue to be rapid and accelerating in the new millennium. The world in which technology will be deployed will be intensely interconnected, diverse and multi disciplinary. The presence of technology in our lives will be seamless and more significant than ever. This will necessitate, amongst others a good understanding of engineering science fundamentals, systems perspective and importance of team work. Jagan Nath University has a strong commitment to high quality teaching and research for quality education and enhances the professional competence of the students rich in knowledge and innovative in approach. The aim of the program is to train the students in high level theoretical and practical knowledge that enables them to tackle complex problems of design and development in the industrial fields as well as pursue further academic excellence through research. The programmes provide enough flexibility in respect of lecture courses, laboratory and project work as well as by research, to achieve the objectives.

Objectives

- To provide excellent education and guidance in the branches of Engineering and Technology at postgraduate and research level.
- To provide opportunity to undertake real-life project work, applying the skills and knowledge developed in the taught element of the course
- Advancement and proliferation of scientific and technological knowledge.
- To prepare trained manpower to carry out innovative research for creating intellectual property through master and doctoral programmes.
- Inculcate strong research and innovation based mindset in the future engineers, teachers and scientists.
- To ensure high standard of performance in teaching & research
- To develop the scientific and engineering manpower of the highest quality to cater to the needs of the industries and research organization
- To provide a broad grasp of the fundamental principles of the scientific and technological methods through its curriculum.

M. Tech. (2 yrs) will be offered in the following branches

Streams Offered

- Computer Science
- Mechanical
- Civil
- Electrical

The M.Tech programme is open to working professionals

Eligibility: The candidate must have passed B.E./B.Tech or equivalent degree or a Masters degree in respective or allied discipline with a minimum of 50% aggregate (all semesters/years) marks or CGPA of 5.5 in 10 point scale and possess a valid GATE score or qualified through Admission Test prescribed by the Jagan Nath University.

*Subject to approval by competent bodies



Duration of the Programme

The M. Tech programme will be of minimum 2 years duration. The maximum period to complete the M.Tech programme is 4 years provided the fee is paid for extended year(s).

Course Structure:

Each M.Tech programme will have a curriculum, with syllabi consisting of:

- Core courses, which give a broad base in the main field of study in the academic program concerned;
- Elective courses chosen by the student in consultation with the faculty adviser;
- Project work where special emphasis is laid on the application of knowledge to real life problems;
- The programme will also include seminars and practical training, as prescribed by the University.

A student will have to register in all the core courses listed in the curriculum of his/her selected area of specialization and successfully complete all of them. Electives will have to be taken from the courses offered by the Department in that particular semester from among the list of approved courses.

M.Tech Regulation:

Please visit www.jagannathuniversity.org



Diploma in Engineering

Overview

The Diploma in Engineering is a technical course below the undergraduate rank which aims to provide students with some basic knowledge of engineering, scientific, computing, mathematical techniques, a sound knowledge of English to communicate in the job field and ability to apply the basic problem solving techniques. Its duration is 3 years comprising of six semesters. Many countries in the world recognize it as equivalent to Inter-Science or Pre-Engineering for further studies purpose.

After successful completion of Diploma in Engineering course, students can either continue further Engineering studies in undergraduate level as a lateral entry in second year in B.Tech, or get employment as supervisors, foremen, sales engineers, workshop technicians, draughtsman, service station managers, auto engineers, agricultural overseers, farm managers, junior instructors, workshop superintendents etc.

Streams Offered:

Diploma in engineering can be obtained in one of the following disciplines:

- Mechanical Engineering
- Civil Engineering
- Electrical Engineering
- Computer Science

Note : A stream will be allowed only if minimum 10 students opt. for it.

Eligibility:

The candidate seeking admission to the Diploma in any stream must have passed 10th class or its equivalent in aggregate as well as individual subject Mathematics, Science from any recognized Board/Council

Lateral Entry to 2nd Year (IIIrd Semester):

The Candidate who has successfully completed 10+2 with subject as Physics, Chemistry, Mathematics or 12th Technical or 2 Year ITI from NCVT Board / Council.

Objective:

- To prepare competent diploma holder by providing distinctive and high-quality educational experiences.
- It is a professional course for learning of fundamental engineering concepts.
- It is a professional course, planned so that students can take up a job in the engineering field.
- To prepare trained manpower to carry out various trade in engineering.
- To promote Entrepreneurial Skill based activities amongst students.

Mechanical Engineering

Mechanical Engineering finds application in all fields of technology. It is one of the primitive branches of Engineering which have remained always in demand and continue to be in the future. This is why Mechanical trade is called as an Evergreen trade (branch). Mechanical engineers have always been needed as essential staff personnel in various industries of both public and private sector. Their work criteria changes according to the type and domain of the company they are working with. As the Industrial sector has drastically risen in pace, the need for more mechanical engineers has increased

exponentially. Every manufacturing and production industry needs mechanical engineers to carry out jobs efficiently and flawlessly for their companies. Some specific opportunities for mechanical engineer:

- Automobile industries
- Manufacturing industries
- Production industries
- Machine tool industries
- Power industries
- Designing industries

Civil Engineering

Civil engineering is one of the most traditional engineering studies in India. A diploma in civil engineering will give good opportunities in industry as India is moving fast forward for infrastructure development and one the same time leave a good space for higher studies at home and abroad like B.Tech. in civil engineering. The civil engineers working in industry are often responsible for construction planning, preparation and supervision. Planning task involves drawing work, cost calculation site matters. The career opportunities for Diploma Civil Engineer are:

- Buildings/civil works Site Supervisor
- Transportation system work Engineer
- Maintenance Engineer
- Material Supplier /Manufacturer
- Building Services
- Architectural Assistance / Practice Consulting Engineer
- Contractor/ Builder

Electrical Engineering

Electrical engineering is a field of engineering that generally deals with the study and application of electricity, electronics and electromagnetism. The field first became an identifiable occupation in the late nineteenth century after commercialization of the electric telegraph and electrical power supply. It now covers a range of sub topics including power, electronics, control systems; signal processing and telecommunications. There are equally good opportunities for jobs in electrical engineering industry and higher education. As an electrical engineer, one could work in a range of areas, including:

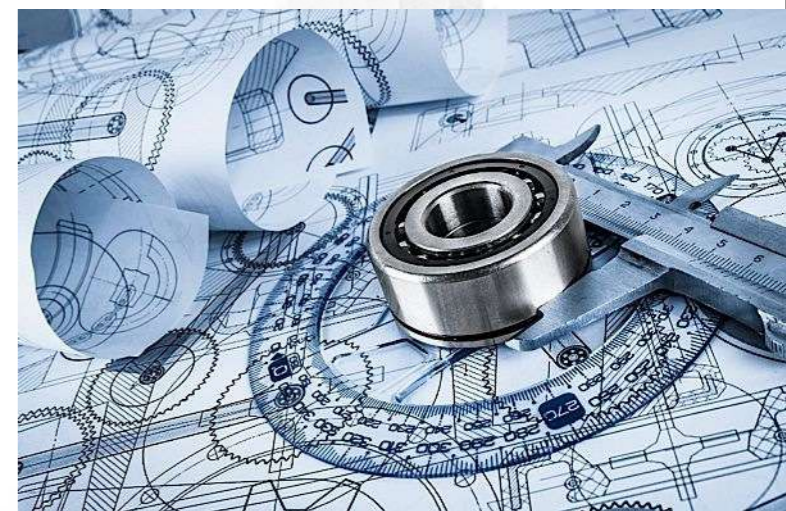
- Power generation, transmission and distribution.
- Renewable energy sources, such as solar paneling, hydroelectric and wind turbines.
- Design, installation and testing of electrical motors, generators, alternators, transformers, cables and switchgears.
- Manufacturing and construction industries.
- Transport networks, including rail electrification and signaling.
- Building services, such as lighting, heating, ventilation and lift systems.



Computer Science

It covers basics of computer science like HTML, Hardware, and networking, databases to teach programming in languages like Java, .net, C/C++ They can find openings as software engineers, system developers and programmers. They get sufficient opportunity to learn PC hardware so that they can become Hardware Engineers. They can become network engineers. They are eligible for the Apprenticeship training program in HAL, NAL, etc. Infinite opportunities in the field of Web and Multimedia designing are available for Diploma holders. Most MNCs prefer diploma students for BPO and Call Centre jobs. Some opportunities for computer students.

- Computer Hardware Industry
- Computer Service Industry
- Consultancy Services
- Software Development Industries
- Designing and publishing
- Electronics and Communication Industries
- Networking and maintenance industries - and many more.



BCA

Bachelor of Computer Applications

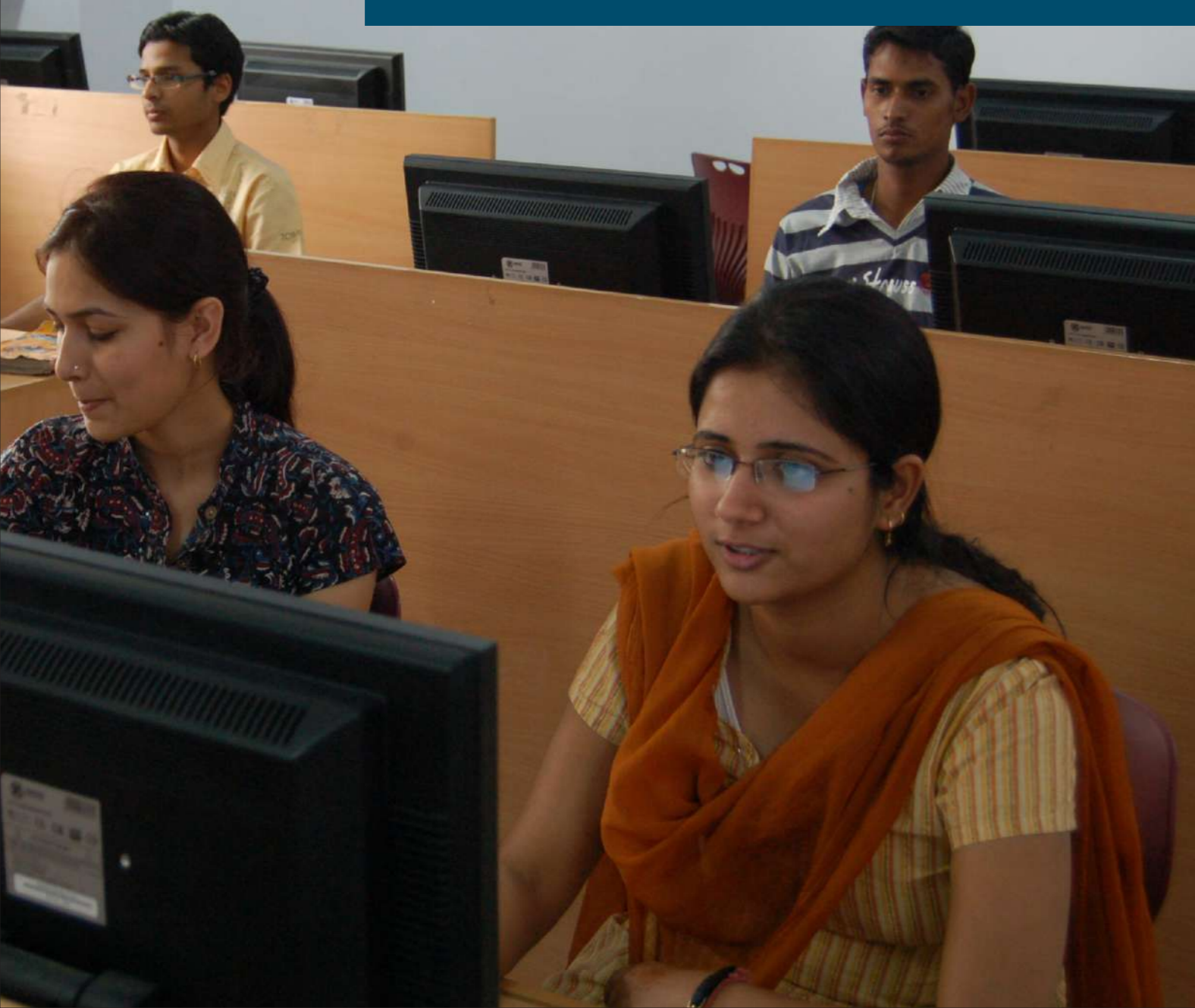


Overview

“Innovation is the central issue in economic prosperity” – Michael Porter

Computer Applications is a branch which has been derived from computer science. It simply refers to the use of computer and other technologies for the management of vast information. This branch develops technologies for information management and also solves information management strategies by planning and studying the requirement scenario. It is the study of how computers process and manage all the information.

With the advent of the computer technology era, software application and communication systems have become an integral component of every organization's strategic plan. At Jagan Nath University 'IT' is defined with a different fervor – “Innovating Tomorrow”. With India as an IT giant, our endeavours will be in making today's youth, tomorrow's innovators. Keeping in view the Bachelor of Computer Applications programme at Jagan Nath University boast of a sound academic base, well balanced course structures to emphasize on planning, designing and building of complex commercial application along with functional knowledge for a career in the field of computer application.



The BCA Programme: Distinct Edge

The course is broadly based, covering the areas of computer science, software development and information systems, providing a good foundation for a rapidly changing industry. The relatively open structure of the course makes it feasible to offer new option modules as the need arises, while preserving the overall objectives of the course. In addition to the core area of object oriented software development, one can study a range of other approaches and paradigms, including the development of database systems and Internet applications. The sessions are practice based and include a substantial amount of programming work.

Key benefits of Computer Applications in education:

- It induces scientific, technological, information and multicultural literacy.
- It promotes inventive thinking which induces the
 - i Adaptability and managing complexity
 - ii Curiosity, creativity and risk taking and
 - iii High-order thinking and sound reasoning
- It develops effective communication which leads to teaming, collaboration and interpersonal skills. Moreover, it induces personal, social and civic responsibility.
- It leads to high productivity which given the ability to plan and manage results. It also gives you a sense of using real-world tools with effective, relevant, and high quality results.



Course Highlights

- Well structured lectures with practical approach
- Exposure to the latest technologies in IT sector
- Exposure to latest computer languages: Java, .NET and DBMS
- Designing through Multimedia
- Knowledge of latest upcoming applications like Linux and Freewares
- Focus on newer dimensions of key topics like Digital Electronics and Artificial Intelligence
- Exposure to Foreign Language: German and French
- Guest lectures from IT professionals
- Industrial Visits
- Presentations on topics based on new advancements made in the IT sector
- Summer Placements/ Live Projects in companies engaged in software development
- Seminars
- PDP Sessions and Soft Skills
- Comprehensive Viva – Voce
- Mock Interview Sessions
- Placement Assistance

Career Prospects

BCA programme aims at imparting fundamental knowledge of the specialized area amongst the students so that they become competent to embark on inventive paths. Jagan Nath University is committed towards shaping careers of students who wish to join the IT bandwagon. A Bachelor degree in Computer Applications can prepare you for an exciting career in a variety of industries designing hardware, software, communications networks, Internet applications, designing and managing websites and more. Because of the broad range of opportunities available a degree in information technology/ computer application can help nearly anyone to find a job they are qualified for in an industry or business.

Opportunities

- Database Designers
- Customer Care Executives in IT enabled services, MNC Banks, telecommunication Sector, BPOs
- Software Development and Testing
- Technical Support Executives
- Executives in IT & HR Placement Consultancy Services
- Hardware Professional
- Career in Multimedia
- Networking Assistant
- Higher Studies
- Self Employment

Course Curriculum

Please visit www.jagannathuniversity.org





MCA

Master of Computer Applications

Overview

MCA is a professional Degree course, designed to meet the rising demand for qualified professionals in the area of Information Technology and its applications. The MCA programme is tending more towards application Development and thus has more importance on latest tools and techniques to develop improved and quicker applications.

The programme lays foundation for conceptual and analytical reasoning and gives the students an insight into the intricacies of hardware/ software and dynamics of the business environment. The course is designed towards current and emerging issues in IT and business and provides a sound theoretical background and excellent practical exposure to the students in the algorithm design and optimization, programming, computational theory, network and database management, mathematics, probability, accounting, finance, statistics, mobile technologies etc to meet the growing manpower requirements of the Global Software Industry.

It guides the students in understanding of computer applications and developing programming skills coupled with perfect managerial skills which are the basic requirements in today's fast changing IT scenario. Through the balanced blend of theory & practical, along with values & attitude the program seeks to equip the students with value based conduct, emotional maturity, analytical ability, cross functional capability and leadership skills to operate effectively in a highly volatile, multicultural global business environment.

Objectives

The core objective of the MCA programme is to prepare the students for productive career in software industry and academia by providing an outstanding environment of teaching and research in the core and emerging areas of the discipline. It prepares the students to obtain the positions as System Analysts, Systems Designers, Programmers and IT Managers in any field related to information technology. The program, therefore, aims at imparting comprehensive knowledge with equal emphasis on theory and practice.

The well balanced course significantly emphasizes on planning, designing and building of complex commercial application software and system software. The course also places equal importance on the functional knowledge in various areas. MCA course is not just a postgraduate programme; it is also a complete professional grooming of students for a successful career in the IT Industry. The core objective lays emphasis to:

- Equip the students with the latest computer hardware and software technologies.
- Develop conceptual as well as analytical competencies in the areas of System development; Project Management; Network etc.
- Enhance the confidence of the students by developing a global vision.
- Build capability to anticipate and manage change.
- Sharpen the communication and presentation skills.
- Understand the importance of ethical values.
- Prepare the students to be able to take decisions under risk and uncertain environment, especially in the area of global marketing.

Course Highlights

- Well structured lectures with practical approach
- In-depth knowledge of Computer Graphics & Multimedia.
- Exposure to the latest technologies in IT sector
- Exposure to latest languages: Advance Java, .NET, RDBMS and PHP
- Focus on newer dimensions of key topics like Digital Electronics and Artificial Intelligence, Data warehouse etc.
- Guest lectures series from IT professionals
- Industrial Visits
- Presentations on topics based on new advancements made in the IT sector
- Summer Placements/Live Projects in companies engaged in software development
- Seminars
- PDP Sessions and Soft Skills
- Comprehensive Viva – Voce & Mock Interview Sessions
- Knowledge of Microprocessor and advanced computer architecture
- Placement Assistance

Career Opportunities

- Database Administrator
- Software Developer
- Programmers
- Software Testing Professionals.
- Web Developer
- IT Manager
- Hardware Professional
- Networking Engineering/Administrator
- Self Employment

Course Curriculum

Please visit www.jagannathuniversity.org

Department of Agriculture



B.Sc.(Hons.) Agriculture

Overview

Agriculture plays a vital role in the Indian Economy. Almost 60 percent of the Indian work force is involved in agriculture and there is potential for the substantial growth of the sector. The demand for the trained professional in this field is very high both nationally & internationally. A student after completing B.Sc. in Agriculture gets a well paying job right after Graduation and he can also progress towards Post Graduate degree and Research.

Eligibility & Course Duration

- The candidate must have successfully completed 10+2 in Science (with Physics, Chemistry and Biology/Mathematics)/Agriculture.
- B.Sc.(Hons.) Agriculture course is of four year duration under credit based semester system.

Course Highlights

- Quality, practical & project based education.
- To provide an opportunity to students to develop self confidence in training and better understanding of practical problems faced in the field by the farmers socio-economic aspects of the villages more closely.
- The programme also includes a compulsory one semester of internship (Rural Agricultural work experience).
- Prepare students to face the challenges in the fields related to agriculture.
- Industrial exposure through internship, Industrial visit and interaction with the experts in the field of agriculture.
- Course curriculum is very broad & inter disciplinary consist of courses in Agronomy, Horticulture, Plant Pathology, Agricultural Economics, Entomology, Genetics & Plant breeding, Soil Science, Food Technology, Animal Husbandry & Agricultural Engineering.

Objectives

- To cover a wide spectrum of agricultural activities so as to produce graduates who can effectively meet the changing requirements of the farming community & the department of agriculture and allied agencies.
- To enable students to understand various challenges in a global agricultural environment.
- To impart exhaustive knowledge with equal emphasis both on theoretical & practical aspects.
- To provide exposure to the latest technologies in agricultural sectors.

Career Prospects

- Opportunities in NABARD and other Banking sectors.
- Industries dealing with fertilizers and plant nutrients.
- Plant Protection chemicals, insecticides and pesticides manufacturing and marketing companies.
- Industries dealing with Agri. Machinery, Sericulture, Horticulture, Fisheries, Dairy etc.
- Manufacturers and suppliers of irrigation systems.
- Agricultural products processing industry.
- Agriculture Insurance of Agriculture Sector.
- Agricultural Department of Central and State Government.
- Multi-Nationals dealing with production, field evaluation, and marketing of agricultural inputs including export marketing and consultancy services.
- Area development/watershed development agencies including NGO's.
- Innovative farming.
- Higher studies as M.Sc. (Agr.), M.tech (Agr.), etc. & Ph.D.

Course Curriculum & Fee Structure

Please visit www.jagannathuniversity.org



Department of Physical Science

Programme Offered

→ B.Sc. (PCM)



B.Sc (PCM)

Overview

Bachelor of Science (B.Sc.) is one of the most popular academic degree courses among the science students after class 12th. The demand for the trained professional in this field is very high. After the completion of the B.Sc. degree, there are various options available for the science students. They can go for M.Sc., research and can even look for professional job oriented courses.

Eligibility & Course Duration

- The candidates must have passed 12th class or equivalent with Physics, Chemistry & Mathematics.
- B.Sc (PCM) is a three years degree programme under credit based semester system.

Course Highlights

- Curriculum has been designed as per the CBCS scheme of UGC.
- Quality, practical and tutorial based education.
- Provide an opportunity to students to develop self confidence in understanding and facing the real world problems.
- Prepare students to face the challenges in the field of Science and Technology.

Objectives

- To make students enable to understand the basics of three main streams of Sciences, namely -Physics, Chemistry and Mathematics.
- To impart exhaustive knowledge with equal emphasis both on theoretical and practical problems.
- To nurture collaborative, interdisciplinary research and education in various areas of basic Sciences that will fulfill the future needs of the society.
- To generate new ideas, principles, and theories which may be immediately utilized in progress and development of different fields.

Career Prospects

- After the completion of the B.Sc degree, students can opt for higher studies i.e. Masters in Chemistry, Physics, Mathematics, MCA, MBA, etc.,
- One can go in the research area and seek for professional job oriented courses.
- There are various options available for the science students like Astrophysics, Actuary, Software Programming, Teaching, Research Scientist.
- A science Graduate can apply for Central Govt./ State Govt. Jobs, Civil Services examination, PSC Jobs, DRDO, ONGC, IOCL, OIL, NTPC, BHEL, SAIL, ISRO, Paramilitary Forces (BSE, RAF, CRPF), Indian Army, Air Force, Navy, Railway Recruitments, Bank PO Examinations, etc.
- The best part is that the employers see the Science Graduates as composed, collected and committed as well as logical. So that gives you a plus in whatever jobs you seek out.

Course Curriculum & Fee Structure

Please visit www.jagannathuniversity.org

Department of Architecture



B.Arch Bachelor of Architecture

Overview

Architecture is the intrinsic part behind the growth of the society as whole. It is the most powerful record of the history of any country. It throws light on the social, religious customs, manners and development of the country. Since the birth of Harappan civilization architecture has proved to be the main tool for overall growth of mankind. From square blocks, drainage system and Great bath of Harappan to today's sky scrappers, planned cities, long span bridges, flyovers, underground metro rails, this field has shown its need for the overall development of the society. But architecture is more than a history of form and style; it is a product of cultural and environmental factors and expression of the way of life of the people for whom it is built. It is therefore sometimes called as "matrix of civilization". It is the most comprehensive of all visual arts and has a right to claim superiority over other arts, since it assimilates and translates all these faculties and beauties in an elegant buildings and structures.



The Architecture Programme:

Objective of the Programme

Architects are the persons who combine the art of planning and designing into an aesthetic whole. Our objective would be to produce technical persons and professionals possessing aesthetic ability and who must be able to reproduce rapidly and faithfully nature's useful form and make them appear good in design that are balanced in proportion having aesthetic details. Our aim is to inculcate the ability to visualize and make use of materials instill into them an aesthetic meaning so as to transform the building into piece of architecture. Providing them a sound knowledge of new materials, their properties, strengths and new techniques of design giving them the exposure of architectural developments within the country and various other countries.

Relevance of the Programme

As population grows, the number of housing structures, hospitals, flyovers, bridges and some other utility structures are also increasing in same proportion. The need for architects is never ending process and the right for requirement for better, cost effective and environment friendly housing solution keeps increasing. It is the architects who make it possible to create a structure from scratch for public utility and that is possible only if they have a sound knowledge of design that can withstand time and weather alike.

Programme Design & Duration

The B.Arch. programme are developed by the course committee of Faculty of Architecture after extensive research and interaction with various architects, students and alumni of our parent sponsoring body. The course curriculums are fully updated to meet the requirements of present scenario, cultural and environmental factors.

B.Arch is a five year programme, spread over 10 semesters. The minimum period required for completion of the bachelor's degree program in Architecture shall be of Five Year full-time duration. There will be an End-Term Examination at the end of each Semester of 6 months duration. The maximum permissible period for completing of the Bachelor's degree program in Architecture is 7 (5+2 grace yrs.) years. All the Program requirements shall have to be completed in 7 academic years.

Programme Highlights

- Courses are approved from Council of Architecture (COA), New Delhi.
- Curriculum emphasis on modern teaching methods with group sessions so as to inculcate professionalism, technical and architectural skills.
- Unique Teacher-students ratios of 1:8 to give personalize attention to each student for all round development.
- Highly qualified and experienced faculty from the field of Architecture, Industry and academics.
- Well equipped laboratories, Model making workshop, material testing lab and Studio under the supervision of qualified staff members.
- Proper guidance of soft skills and various exercises based teaching methodology to make students adaptable to the present environment.
- Extensive lab work to understand design and construction process for environment friendly structure development.
- Priority on ethical set of learning environment and multi disciplinary system.
- Emphasis on team work to generate curiosity and desire to learn.
- Contemporary knowledge of new materials, their properties, strengths and new techniques of design that can provide exposure of architectural developments through various mentoring sessions.
- Extensive project work, Visits to make students aware to latest techniques.

Eligibility

No candidate, with less than 50% marks I aggregate, shall be admitted to the architecture course unless he/she has passed an examination at the end of the new 10+2 scheme of Senior School Certificate Examination or equivalent with Mathematics as subjects of examination at the 10+2 level.

Or

10+3 Diploma (Ay stream) recognised by Central/ State Governments with 50% aggregate marks.

Or

International Baccalaureate Diploma, after 10 years of schooling, with not less than 50% marks in aggregate and with Mathematics as compulsory subject of examination.

Course Curriculum

Please visit www.jagannathuniversity.org

Department of Law

Programme Offered

- BA LLB/BBA LLB
(5 Years Integrated)
- LLM
- Ph.D in Law

BA LLB/BBA LLB

(5 Years Integrated)

Overview

Jagan Nath University, under the aegis of Jagan Nath Gupta Memorial Educational Society, upholds the Society credo of Discipline, Dedication and Determination to the hilt. It is a new and young University whose vibrancy and youthful outlook is reflected in its course curriculum, its attitude towards students and the overall ambiance. In its short stint of operations, it has made a mark with innovative training methods and a strong emphasis on practical exposure to the students. Ample opportunity towards Co-curricular & Extra Curricular activities makes for a healthy and stress free environment. The University is dedicated to create a new breed of dynamic and future Law Graduates who will be in a position to use the knowledge acquired here towards the creation of a better society and indeed, a brighter future for themselves. Faculty of Law teaches you to open your mind and think differently. This type of training is valuable in any career. Today, law is the pathway to financial rewards, intellectual stimulation, prestige, family influence, social change & career flexibility and above all acquiring a knowledgeable position in the existing society.

The LLB Programme:

BA.LLB, BBA.LLB are five years integrated programmes, completely based on National Law Schools pattern spread over ten semesters. Though the primary method of instruction is classroom lectures, we give a lot of emphasis on practical training, research and self-study. We also conduct several guest lectures, seminars, symposia where top professionals in the legal profession, academicians, judges, legal luminaries and Lawyers are invited to speak on various contemporary issues so that our students get exposure to the real and diverse aspects of the profession thereby providing wider exposure to substantial and procedural Laws. The classrooms are spacious, well equipped with latest technological amenities and the well equipped library having all important journals, periodicals and reference as well as text books authored by experts of all important subjects. Great importance is given to the practical aspect of the theoretical foundation.

Objectives of the Programme

To produce competent Advocates, Law Schools are expected to impart quality education so that their foundation should be strong. It is well known facts that many people get Law degree but hardly few of them are in a position to be successful as practising Advocates. Keeping in view this aspect Bar Council of India has introduced LL.B. 5 year integrated course after 10+2 and which is showing better results at least in few leading Law Schools and Law Universities mainly due to the fact that the Bar Council of India has framed a comprehensive syllabus in which all related disciplines namely, Sociology, Business Organization, Financial Management, Political Science, History, Economics etc having relevance in the legal profession have been included.

Orientation and Methodology

Today, law is a field of study that offers the recipient a wide range of career options, each requiring different skills but also possessing common characteristics. The options are endless in terms of practice areas and work environments. Lawyers might find themselves arresting a ship or zoning a playground, working independently in their home or with others in high rise corporate offices. Lawyers can practice law by helping clients plan to avoid problems, by solving problems once they develop, by representing and counseling businesses in a particular industry, by representing individuals sharing a common status or problems and by appearing (or not appearing) in court. Current and useful subjects e.g. Intellectual Property Rights, Law and Technology, Cyber Law and Cyber Crimes, Environmental Studies along with Regulatory and Relevant Law, Business Law, Law of Contract and Torts. Subjects dealing with Procedural and Substantive Criminal and Civil Law would be taught exhaustively along with latest case law. It would not be out of context to state that in order to ensure proper and meaningful grooming of the students of the Faculty of Law all sincere and meaningful effort would be made.



They would also be taught Non-Law Subjects which have much relevance in Legal education viz. Sociology, Business Organization, Financial Management, Political Science, History, Economics, English and Foreign Languages like French and German which would be given much significance during the Pre-Law studies of the Law students. Conclusively it can be safely claimed that all efforts would be made by the competent faculty of Law on the basis of comprehensive current syllabi framed for the purpose to impart quality education to the students of the Faculty of Law of the Jagan Nath University, Jaipur.

Eligibility & Admission procedure

Passed 10+2 or Equivalent Examination with 45% of aggregate marks (40% for SC/ ST)

The candidates awaiting results of the qualifying examination can also appear in the entrance test subject to a condition that they will have to produce proof of having passed the qualifying examination with the prescribed marks at the time of interview/counseling.

Career options available to law graduates

- Indian Legal Service
- Legal officers in Corporate Sector
- Legal officers in Government/Public Sector Undertakings
- Law officers in NGO's
- Banking Sector
- Defense forces
- Public Prosecutors
- Judicial Services
- Private Practice
- Advocates in Law Firms
- Teaching

Course Curriculum

Please visit www.jagannathuniversity.org

LLM 1Year



Overview

The University offers LLM - 1 year degree programme (as per UGC guidelines) to the eligible students who are interested to pursue post-graduate degree in Law. The main objective of the programme is to groom the students for acquiring in depth and exhaustive theoretical and research knowledge that enables them to tackle complex problems in their respective specialized fields and thereby continue towards their objective of attaining excellence. The extensive programme provides enough flexibility in respect of lecture courses, project work and seminar as well as research dissertation which is aimed to do research and to develop requisite writing expression in their field of research.

The LLM - 1 year post-graduate degree which is to be awarded by Faculty of Law of Jagan Nath University to candidates having completed well defined post graduate studies in the discipline of Law.

The LLM Programme:

Objectives

- To provide excellent education and guidance in the specialized branches of Law at postgraduate and research level.
- Advancement and proliferation of legal knowledge in specialized area.
- To prepare trained manpower to carry out innovative research for creating intellectual property through master and doctoral programme.
- Inculcate strong research and innovation based mindset in the future teachers, legal experts imparting legal education or practicing at the senior level of the Court and working in judiciary.
- To ensure high standard of performance in teaching & research in the discipline of Law.

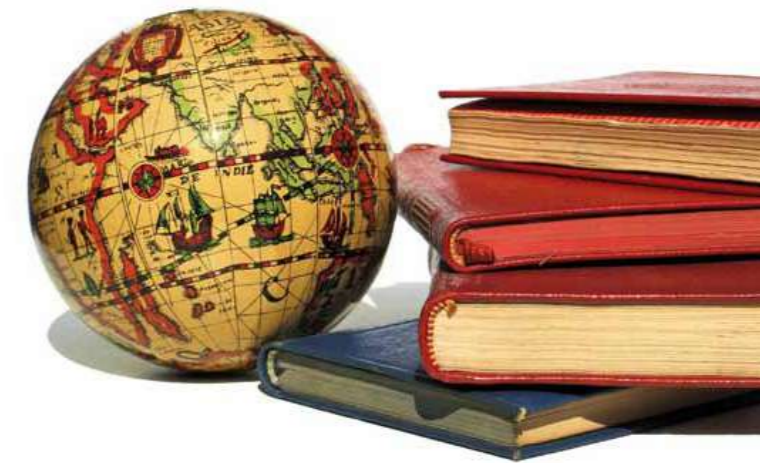
Specialization Offered

LL.M. One Year Degree Programme will be offered in the following areas of Specialization:

- A. International and Comparative Law
- B. Corporate and Commercial Law
- C. Criminal and Security Law
- D. Family and Social Security Law
- E. Constitutional and Administrative Law
- F. Legal Pedagogy and Research

The aforementioned Specialization shall be chosen by candidates, in first semester. The three Compulsory papers/Foundation papers in the first semester are common for all the candidates pursuing LL.M. One Year Degree Programme.

Note: - An area of Specialization will be offered at the discretion of the University only if sufficient number of students opts for that specialization and the required faculty in that specialization is available.



Eligibility and Admission procedure

To be eligible for appearing in the Admission Test prescribed by the Jagan Nath University for the LL.M. One Year Degree Program, a candidate should have passed LL.B/B.A.LL.B/B.B.A.LL.B or equivalent degree from a recognized University.

The candidates awaiting results of the qualifying examination can also appear in the entrance test subject to a condition that they will have to produce proof of having passed the qualifying examination with the prescribed marks at the time of interview/counseling.

Duration

The duration of the LL.M. Degree Course is one year, comprising of two semesters. The maximum period to complete the LL.M. One Year Degree programme is 3 years.

Course Curriculum and Regulations

Please visit www.jagannathuniversity.org



Doctor of Philosophy

Programme Offered

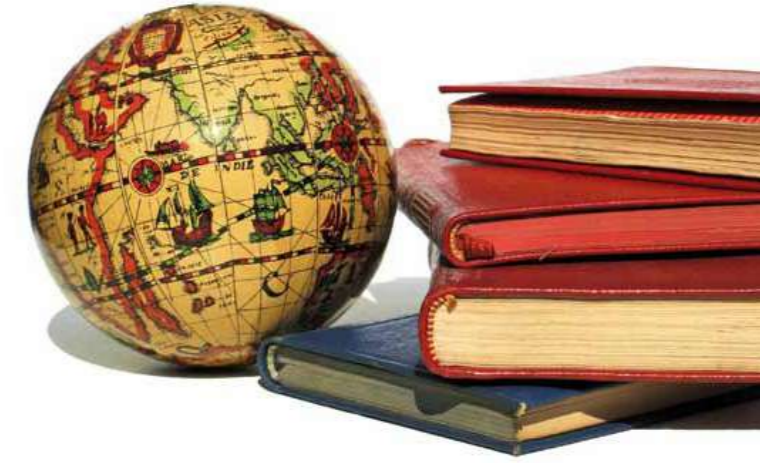
- Ph.D in Management
- Ph.D in Law
- Ph.D in Computer Science
- Ph.D in Mechanical Engineering
- Ph.D in Civil Engineering
- Ph.D in Electrical Engineering

Ph.D



Overview

Research at JaganNath University aims to develop innovative solutions to the world's most daunting challenges and to create research environment that cultivate inventiveness, association and society and inspire faculty and students to make them valuable assets for the nation. JaganNath University encourages, facilitates, attains, and sustains research excellence by developing strategies and managing resources to support interdisciplinary and collaborative research benefitting the society.



Research (Ph.D)Programme:

Jagan Nath University has a strong commitment to high quality research for quality education and enhance the professional competence of the students rich in knowledge and innovative in approach. The University offers Ph.D(Doctor of Philosophy) programme as per the UGC Regulations 2009 on M.Phil/Ph.D. to the eligible students who are interested in doing research.

Objectives

- To train students to become top class researchers who can be part of the global research ecosystem, and contribute to research organizations and research universities across the world.
- To acquire research grants for multidisciplinary research to strengthen research infrastructure.
- To enhance the research output in terms of quantity and quality.
- To promote collaboration and partnership with Industry, Government, reputed research societies and academia for research.
- To ensure quality research leading to patents/copyrights/intellectual property.

Streams Offered

Doctoral Programme leading to Ph.D will be offered in the following Faculties of the University:

- Faculty of Management
- Faculty of Engineering and Technology (CSE/ME/CE/EE)
- Faculty of Law

Eligibility and Admission procedure

A candidate for admission to the degree of Ph.D in any of the Faculties must have obtained Master's Degree with at least 55% marks (CGPA 5.5 - 6 in a scale of 10) of any recognized university (50% for SC / ST /Physically and visually handicapped candidates).

Procedures for Admission:

- The candidates will apply for the admission in Ph.D course in prescribed form available at the University office or can be downloaded from University website. The application form dully filled by candidate should be submitted along with required fee (as fixed by the university).
- The candidates will be admitted through entrance test to ensure quality, to be organized by the university. The test examines research aptitude, grasp of the subject, intellectual ability and general knowledge of the prospective candidates.
- The candidates who qualify the entrance test will be called for the Personal Interview(PI).
- After the interviews, the selected candidates will be admitted provisionally as Ph.D student of the university on payment of the prescribe fee. The fee deposited will not be refunded for any reason, whatsoever.
- The application for admission shall be sent to the university office and accompanied by the prescribed fee, copy of PG , UG degree(s) , certificates of schooling and consolidated marks statements, copy of the fellowship award certificates(if any), passport size photograph (pasted on the application form), sponsorship certificate(if any), copy of publications(if any), service certificate(if applicable), No Objection Certificate from employer(if applicable), Migration Certificate of the university from which he did Master's degree.

Duration

A candidate will be registered for Ph.D. for a period of three years. After three years the maximum extension of registration could be granted to him up to another three years on yearly basis on prescribed fee. In case a Candidate does not submit his/her thesis within the above mentioned period, he will not be permitted to submit the thesis on the same topic and will be required to apply for a fresh registration on a changed topic.

Course Curriculum & Fee Structure

Please visit www.jagannathuniversity.org



Training & Placement Cell

Overview

A dedicated Training and Placement Cell is set up at the University for consistent endeavor towards academic and corporate interaction. Course curriculum at Jagan Nath University is designed and updated with industry latest development to enhance the employability of the students. The Training and Placement officer maintain close linkages with corporate sector for grooming of the students and opportunities for placement of the students. The Alumni plays an important role in providing quality placement opportunities to the students. They act as natural mentors to their juniors and help them in the placement process. The Training and Placement Cell facilitates the placement of students of all faculties (Engineering, Management, Law Architecture, et al.). Over the years, the quality and quantity of students being placed through placement drive has been increasing constantly and consistently, with most courses receiving 100% placement.

Major Activities

Placement cell is functional through the entire academic session, grooming and training the students, prior to the onset of the placement season. The main activities undertaken are:

- Creation of students profile
- Constant follow up to track growth of the student
- Liaison with corporate sector
- Keeping track of companies who are in expansion mode
- Conduction of mock placement drives (Aptitude test, Group Discussion, Personal Interview)
- Conduction of industrial visit to various manufacturing facilities, facilitating an insight to the students
- Planning and conducting workshops and corporate interaction (with functional and human resource department of various organisations)

The University Placement Cell has a strong team of trainers and also draws support from other department to train the students in technical skills as well as soft skills. The team of professionals not only counsels them for various career openings but also provides assistance to students who want to go for further studies (GATE, TOEFL, GRF).

The aspiring entrepreneur among the students are also facilitated with guidance through various entrepreneurial development programmes.

The Training & Placement Cell provides conducive environment for enhancing productivity, polishing talent and ensuring progressively remunerative and rewarding placements in reputed firms.

Some of our major recruiters:

- Indian Army
- Aditya Birla Group
- HCL Infosystems Ltd.
- HSBC
- The World's Local Bank
- BOSCH
- UNICEF
- Hindustan Unilever Limited
- PWD Government of Rajasthan
- IBM
- IndusInd Bank
- Birlasoft
- ICICI Lombard
- Aayan Infra-Tel
- Patni Computers
- Parle
- EMC²
- SAP
- Huawei
- HCL Comnet
- Wipro
- India Infoline Ltd.
- India Bulls Ltd.
- Genpact
- Naukri.com
- Indiamart Intermesh Limited
- ICICI Securities Ltd.
- HDFC Sales Pvt. Ltd.
- Shoppers Stop Ltd.
- Hindustan Coca Cola Beverages Pvt. Ltd.
- L&T Finance
- NIIT Ltd.
- Syntel
- Carwale.com
- Phone Support.com
- Heritor Media Creations Pvt. Ltd.
- Mart India Infotech
- Daffodil Software
- YePaisa.com
- Indian Navy
- ARG Group
- Universal Hunt
- Mind Merchant
- Global Pvt. Ltd.
- ACTY System
- Kasliwal Group
- Emesis Tech
- Systweek
- Mangal Group
- Vodafone
- A3 logics
- Orange trip.com
- HDFC
- Coral Group
- Angel Broking
- Genexis
- Corpex
- Future First
- RKCL
- Metacube
- Ranosys Tech
- Trivium
- Cyient
- J K Technosoft



Life @ Jagan Nath University



“Programmes Offered 2016-17



S.No.	Programmes	Duration	Eligibility	Selection Procedure
Department of Engineering & Technology				
1.	M.Tech in Computer Science	2 Years	B.Tech/B.E./MCA/M.Sc. (Physics/Math)/M.Sc. (Electronics) M.Sc. (CS/IT) with min. 50% marks	RPET/JEE/JUEE & Interview
2.	M.Tech in Mech. Engg.			
3.	M.Tech in Civil Engg.			
4.	M.Tech in Electrical Engg.			
5.	B.Tech in Computer Science	4 Years	10+2 (Physics, Mathematics & any other subject allowed by CBSE or Equivalent Board) with min. 45% Marks	RPET/JEE/JUEE & Interview
6.	B.Tech in Mech. Engg.			
7.	B.Tech in Civil Engg.			
8.	B.Tech in Electrical Engg.			
9.	Diploma in Engineering	3 Years	10th	Interview
10	Bachelor of Computer Applications (BCA)	3 Years	10+2	JUEE & Interview
11	Master of Computer Applications (MCA)	2 Years	BCA/B.Sc. in CS/IT	JUEE & Interview
12	Ph.D. in Computer Science	Min. 2 yrs (Excluding 6 months course work)	Master Degree with min. 55% marks	JUEE & Interview
13	Ph.D. in Mech. Engg.			
14	Ph.D. in Civil Engg.			
15	Ph.D. in Electrical Engg.			
Department of Agriculture				
16.	Bachelor of Science (Ag.) Honours	4 Years	10+2 (Bio/Ag/Math) with min. 50% marks	JET/ICAR/JUEE & Interview
Department of Physical Science				
17.	Bachelor of Science (PCM)	3 Years	10+2 (Bio/Math) with min. 50% marks	JET/ICAR/JUEE & Interview

S.No.	Programmes	Duration	Eligibility	Selection Procedure
Department of Management				
18.	Master of Business Administration (MBA) with specialization in Marketing, Finance, HR & IT	2 Years	Graduation in any Discipline	MAT/CAT/CMAT JUEE followed by GD and PI
19.	Bachelor of Business Administration	3 Years	10+2	JUEE & Interview
20.	Ph.D. in Management	Min. 2 yrs (Excluding 6 months course work)	Master Degree with min. 55% marks	JUEE & Interview
Department of Law				
21.	BA.LLB /BBA.LLB (5 Years Integrated)	5 Years	10+2 with min. 45% marks (SC/ST min. 40%, OBC min. 42%)	CLAT, LSAT, JUEE & Interview
22.	LL.M	1 Year	LLB/BALLB/JUEE/GD & recognised University	CLAT, LSAT, JUEE & Interview
23.	Ph.D. in Law	Min. 2 yrs (Excluding 6 months course work)	Master Degree with min. 55% marks	JUEE & Interview
Department of Architecture				
24.	Bachelor of Architecture (B.Arch)	5 Years	10+2 (Maths) with min. 50% marks	NATA / JEE & Interview

- Academic Security Fee: Rs.5000/- one time extra (Refundable)
- Hostel Fee: Rs.70000/year + Rs.5000 one time extra security deposit (Refundable)
- Transport/Bus Charge: Rs.18000/annum
- Application Form Cost Rs.500/- for all programmes (except Ph.D Rs.1200/-)

Website: www.jagannathuniversity.org

E-mail: admission@jagannathuniversity.org

Ph:0141- 3020500/555, 4071551/552

Rules & Regulations

Non -Refund of Fees

The fees once paid are not refundable for any reason whatsoever. Only Security Deposit will be refunded after making necessary adjustments as required.

Cancellation of Admission

Jagan Nath University reserves its right to cancel the admission of admitted student under any of the following circumstances:

- If the fee is not deposited by the stipulated date.
- If the candidate fails to join a particular programme by the stipulated date, after the fee has been paid.
- If the candidate fails to furnish the proof of the stipulated minimum qualification.
- If any student is found to be misbehaving or any other issue regarding discipline at any point of time.

Payment of Fee

- Fee is to be paid in two equal installments on July 31st and December 31st each year, failing which a penalty of Rs. 20 per day will be charged for the next 30 days.
- After a period of 30 days, the name of the defaulting students will be struck off the rolls. However, re-admission could be sought by paying Rs. 500 as re-admission fee along with the same fine.
- On completion of the course, the students are required to fill in a prescribed 'No Dues' form for refund of Security Deposit and submit it in the office. The security deposit is claimed within six months of completion of course.

Right of Alteration / Modification

- The University reserves its right to alter or modify the structure of any of the programmes to attain the objective of excellence.
- The University reserves the right to change the fee structure mentioned in the brochure.
- The University reserves the right to modify, alter or include any other Rules and Regulations that may be deemed fit in the interest of the University.

Jurisdiction

Any dispute pertaining to admission or any other matter concerning a student or alumnus of Jagan Nath University shall be subject to the jurisdiction of the Jaipur Court only.

Limitation Clause

No dispute shall be raised after the expiry of 30 days from the date on which the process of admission and / or selection is completed.

Agreement Clause

All admitted students shall be bound by the above mentioned Rules & Regulations of Jagan Nath University.

Master Layout



1 Administrative Block	13 Auditorium	25 Cricket Stadium
2 University Bus Parking	14 Library	26 Open Air Theatre
3 Canteen/Gymnasium	15 Academic Block - III	27 Academic Block - V
4 Boys Hostel - I	16 Academic Block - IV	28 Academic Block - X
5 Football Ground	17 Staff Residence - II	29 Boys Hostel - III
6 Boys Hostel - II	18 Academic Block - IX	30 Boys Hostel - IV
7 Staff Residence - I	19 Academic Block - VIII	31 Staff Residence - III
8 Girls Hostel - I	20 Spots Complex	32 Girls Hostel - II
9 Academic Block - II	21 Academic Block - VII	33 Girls Hostel - III
10 Tennis Court	22 Canteen - II	34 Staff Residence - IV
11 Basket Ball Court	23 Dining Hall	35 Staff Residence - V
12 Academic Block - I	24 Academic Block - VI	



How to apply

In order to get admission you have to submit an application on the prescribed form available at University office for Rs. 500/- or through mail by sending a demand draft of Rs. 500/-* payable at Jaipur in favour of "Jagannath University". Alternatively you can fill online registration form by making online payment of Rs. 500/-

*For Ph.D - Rs. 1,200/-