JAYPEE
GROUP
NO DREAM TOO BIG

Building Intellectual Capital

BROCHURE 2016

शिक्षा व सेवा

JAIPRAKASH
SEWA SANSTHAN

**JAYPEE UNIVERSITY OF
INFORMATION TECHNOLOGY
(WAKNAGHAT, H.P.)**
(Approved by UGC
u/s 2(f) of the UGC Act, 1956)

**JAYPEE UNIVERSITY
(ANOOPSHAR, U.P.)**
(Established under Govt. of
Uttar Pradesh Act No. 8 of 2014)

**JAYPEE INSTITUTE OF
INFORMATION TECHNOLOGY
(NOIDA, U.P.)**
(Declared as Deemed to be University
u/s 3 of the UGC Act, 1956)

**JAYPEE UNIVERSITY OF
ENGINEERING & TECHNOLOGY
(GUNA, M.P.)**
(Approved by UGC
u/s 2(f) of the UGC Act, 1956)

Long before our first dam and years before our first cement plant, we built a free school and hospital. Today they tell us, what we did, is called Corporate Social Responsibility; CSR Spirit of Jaypee Group

Founder Chairman's Message

The Jaypee Group has always been proud to participate in nation building right from its inception. We feel doubly responsible to make this Group become a bench mark of contribution to the upliftment of society. CSR has become an integral part of everything that we do and same is instilled in our vision, strategies and management goals.

JAIPRAKASH SEWA SANSTHAN (JSS), a not-for-profit trust was established in 1993, to bring many a not-for-profit activities of the Group under one common umbrella, in order to give them a unified focus and direction. The Sansthan today spearheads one of the largest altruistic CSR programmes run by any single-entity corporate anywhere in the country.

Firmly believing in the famous saying of Nelson Mandela "Education is the most powerful weapon which can be used to change the world" we at Jaypee fully subscribe to the view that Education is the cornerstone to economic development and the strength of Indian masses can be channelized by education alone. The real future of India lies in its thousands of faceless little towns and villages, where millions of boys and girls lie awake at night, dreaming of what could be. And we also believe that the key to unlock those dreams and help them soar is a good education. Therefore, the Jaypee Group, through its trust, opened large number of schools, polytechnic colleges and institutes of higher learning, teaching over 35,000 student's under its wings. These institutions of learning host the best of faculty and educational infrastructure towards creation, generation, dissemination and application of knowledge through an innovative teaching - learning process to mould the leaders of tomorrow.

All the institutions of higher learning aim at building character, sharpen intellect and enable free thinking amongst the students and provide them opportunity to become innovative and enterprising professionals fully capable of meeting the challenges of modern India.

8ᵗʰ Annual Convocation
July 4, 2015
Chief Guest: Respected Shri Rajnath
Honorable Minister of Home Affairs
Government, India

Jaypee Institute of Information Technology (JIIT), Noida, U.P.

(Approved by UGC as Deemed-to-be-University under section 3 of UGC Act 1956)

PROGRAMS OF STUDY

Undergraduate (4 Years)
B.Tech.
- Biotechnology
- Computer Science and Engineering (CSE)
- Electronics and Communication Engineering (ECE)
- Information Technology

Integrated M.Tech. (5 Years)
- Biotechnology
- CSE
- ECE

Post Graduate (2 Years)
M.Tech.
- Applied & Computational Mathematics
- Biotechnology
- Computer Science & Engineering (CSE)
- CSE with specialization in
  - Information Security
  - Mobile Technology
- Inter-disciplinary programmes in CSE with specialization in
  - Information Technology & Entrepreneurship
  - Data Analytics
- ECE with specialization in
  - Communication Systems
  - Micro Electronic Systems & Embedded Technology
- Materials Science & Engineering

MBA (2 Years) at Jaypee Businees School

Functional electives in Marketing, HR, Finance and Operations besides industrial electives in ICT, Financial Services, IB, Business Analytics etc.

Ph.D

Biotechnology, CSE, ECE, Humanities & Social Sciences, Management, Mathematics, Physics & Materials Science and Engineering

Student/Faculty Profile

YEAR	STUDENTS	FACULTY
July 2001	250	15
Dec 2015	5309*	254**

*Of above students, 203 are Ph.D scholars; 230 are M.Tech students; and 237 are MBA students;

** 141 faculty members have Ph.D degree.

Infrastructural Details

Item(s)	2004	2015
Covered Area (sq.m.)	46,000	158,097
Hostel Seats	872	2811
Computers (PCs)	270	1775
Laboratories (No's)	6	71

Significant Achievements

- Ranked Best non-government Technical University in Delhi-NCR region in Year 2015 by Week_Hansa Research Survey, and ranked 33rd at all_India level by US based Edu Rand Rankings in 2015.
- Accredited by NAAC in November 2015 for 5 years
- Highly experienced faculty with an average of 11 years of academic experience. Majority of faculty from IIT's and other Institutes/Universities of repute
- MoUs with 8 Foreign Universities for student/faculty exchange, and collaborative research
- 8271 alumni including 87 Doctoral, 1039 M.Tech (including Dual-degree), and 1210 MBAs
- 17 International Conferences, about 200 invited talks, and 60 workshops and seminars organized with around 4000 delegates from around the world in last 5 years
- More than 2400 research publications in International Journals of repute, 21 Books and 74 Book Chapters/case studies
- 30 research grants worth Rs. 6.7 crores from various government agencies
- Biotechnology Program consistently ranked in top 10 by "Biospectrum"
- Excellent placement at JIIT - In 2015 students got multiple offers in CSE and ECE with 172% offers for CSE/IT and 162% for ECE. In Biotech. and MBA streams almost 90% got placed. Students have been placed in companies like Google, Microsoft, Intel, Xerox, ORACLE, Amazon, etc. (50 world's top rated R&D oriented companies). Other companies include IBM, Cadence, Capital IQ Cognizant, E&Y, Ericsson, Accenture, Infosys, Wipro, HCL, Jaypee, SAP and others
- Completely networked academic campus

Jaypee University of Information Technology (JUIT), Waknaghat, H.P.

(Approved by UGC under Section 2(f) of UGC Act 1956)

PROGRAMS OF STUDY

Undergraduate (4 Years)

B.Tech.

- Biotechnology
- Bioinformatics
- Civil Engineering
- Computer Science and Engineering (CSE)
- Electronics and Communication Engineering (ECE)
- Information Technology

Post Graduate (2 Years)

M.Tech.

- Applied & Computational Mathematics
- Biotechnology
- CSE
- Civil Engg with specialization in
  - Structural Engineering
  - Construction Management
  - Environmental Engineering
- ECE

Ph.D

Bioinformatics, Biotechnology, CSE, ECE, Humanities & Social Sciences, Management, Mathematics, Physics, and Materials Science.

Student/Faculty Profile

YEAR	STUDENTS	FACULTY
July 2002	172	12
July 2015	2110*	115**

*Of above, 116 are Ph.D scholars; 154 are M.Tech. students;

** 65 faculty have Ph.D degrees

Infrastructural Details

Item(s)	2004	2015
Covered Area (sq.m.)	31,420	73,150
Hostel Seats	500	1800
Computers (PCs)	300	995
Laboratories (No's)	12	56

Significant Achievements

- Accredited by NAAC (2011), and UG programs of study accredited by NBA (AICTE) twice - 2009 and 2014
- Experienced faculty with more than 10 years academic experience
- Ranked 40th out of 225 top engineering institutions in India by Edu Rand Ranking in May-June 2014
- Member of IUCEE with International Collaborations with Top ranking US and European Universities
- 3220 Alumni including 69 doctoral, and 329 M.Tech.
- 14 International Conferences, 150 invited talks, 45 national workshops organized with around 3500 delegates from around the world participating
- More than 2000 publications, 15 Books, and 45 Book Chapters
- 50 research grants from various government agencies
- Biotechnology Program consistently ranked '1' by "Biospectrum"
- Graduating students placement in established organizations such as IBM, Capital IQ Cognizant, E&Y, Ericsson, Amazon, Accenture, Infosys, Wipro, HCL, Jaypee , SAP and others
- Completely networked academic campus

Jaypee University of Engineering and Technology (JUET), Guna, M.P.

(Approved by UGC under Section 2 (f) of UGC Act 1956)

PROGRAMS OF STUDY

Undergraduate (4 Years)
B. Tech.

- Chemical Engineering
- Civil Engineering
- Computer Science & Engineering
- Electrical Engineering
- Electronics & Communication Engineering
- Information Technology
- Mechanical Engineering

Post Graduate (2 Years)
M. Tech.

- Chemical Engineering
- Computer Science & Engineering
- Electronics & Communication Engineering
- Civil Engineering with specialisation in
  - Environmental Engineering
  - Structural Engineering
- Mechanical Engineering with specialization in Manufacturing Technology

M.Sc./M.Tech. (2/3 Years)

- Mathematics/Computational Mathematics
- Physics/Solid State Technology
- Chemistry/Industrial Chemistry

Ph. D

Chemical Engineering, Civil Engineering, Computer Science & Engineering, Electronics & Communication Engineering, Mechanical, Mathematics, Physics, Chemistry and Humanities & Social Sciences.

Student/Faculty Profile

YEAR	STUDENTS	FACULTY
Jul-2003	102	10
Jan-2016	2237*	98**

*Of the above, 69 are Ph. D scholars; 37 are M. Tech students.

** 58 faculty have Ph.D degrees; 40 are from IITs/IIITs & NITs.

Infrastructural Details

Infrastructure Item	2003	2016
Covered Area (sq.m.)	15000	139269
Hostel Seats	300	2255
Computers (PCs)	30	855
Laboratories (Nos)	6	53

Significant Achievements

- Considered Best Private Engineering University in Madhya Pradesh by EDU RAND

- Experienced faculty with more than 12 years academic experience on average.

- 3392 Alumni including 41 Doctoral, 162 M. Tech., 5 B. Sc. and 362 Diplomas.

- 11 National/International Conferences, 16 National/International workshops organized with around 1600 delegates, 110 invited talks delivered by experts from around the world.

- More than 750 Research Publications, 22 Books and Book Chapters.

- Nine research grants from various government agencies.

- Completely networked academic campus.

- Successful placement of graduating students (Offer wise more than 100%) every year in reputed organizations such as Amazon, Infosys, Cognizant, Accenture, Wipro, SAP Labs, Oracle, IBM, Dell, NEC, Ericsson, Ernst & Young, S&P Capital IQ, Aricent, Johnson Controls (India), Kuliza Technologies, Naukri.com, Syntel, CSC India, Continental Automotives, Browser Stack, Minzar, NIRMA Group, JK Cement, Ambuja Cement, JMC, Bosch, L&T, Bridgecon Infra, Supertech, Shobha Developers, Era Construction, APAC Sourcing Solutions, Kalpataru, Jaiprakash Associates, Jaypee Powergrid, Jaypee Infratech, Jaiprakash Power Ventures, Jaypee Cement Corporation, Jaypee Fertilizers & Industries etc. Highest Package Offered: - Rs. 22 Lacs per annum.

Jaypee University
Anoopshahr, Bulandshahr, U.P

(Inspected by UGC and AICTE, New Delhi)
(Established by Govt. of Uttar Pradesh under Private Universities Act No. 8 of 2014)

PROGRAMS OF STUDY

Undergraduate (4 Years) - Engineering

B. Tech.

- Civil Engineering
- Computer Science and Engineering (CSE)
- Electronics & Communication Engineering (ECE)
- Information Technology
- Mechanical Engineering

Undergraduate Programs (3 Years)

- B. B. A. (Honours)
  - Agricultural Business
  - Digital Marketing
  - Healthcare Services Management
  - Hospitality Management
- B. Sc. (Honours) – Mathematics (Statistics)
- B. A. (Honours) – Economics
- B. Com. (Honours)*

* for women candidates only.

Ph.D

Civil Engineering, CSE, ECE and Mechanical Engineering

About Jaypee University, Anoopshahr

Jaypee University at Anoopshahr is an Interdisciplinary University established by the act No. 8 of 2014 of Govt. of U.P. As per sanction of the Govt. of Uttar Pradesh, received vide its Letter No. 347/ Sattar-1-2014-20(4)/2011, the University started functioning in 2014 with B. Tech. programs in five disciplines.

- The University is located in the hinterland of Uttar Pradesh in serene and pious environment on the banks of holy river Ganges. It is sponsored by Jaiprakash Sewa Sansthan (JSS), a not-for-profit-trust.
- Jaypee University, Anoopshahr is shaping students with holistic approach in achieving their lifelong objectives and attempting to produce not only literate and educated manpower but also personalities with ethical and moral values to serve the society in true spirit.

Salient features

- A new generation Interdisciplinary University aiming to produce quality professionals capable of meeting global challenges.
- Set-up in about 100 acres of lush green environment on the banks of Holy River Ganges providing serenity and intellectually stimulating environment.

- Carry academic synergy, experience, cooperation and support of the existing Jaypee Universities: JIIT - Noida, JUIT -Waknaghat and JUET - Guna.
- Fully equipped state-of-art, innovative and modern infrastructure already in place.
- Key infrastructure and resources include well qualified and experienced faculty, fully equipped labs, well stocked library, separate hostel for boys and girls, fully networked campus, facilities for indoor and outdoor games and associated utilities for students comfort and providing excellent environment for teaching learning process.
- Existing Training and Placement (T&P) unit of Jaypee Universities shall facilitate placements.
- Well connected by road from Aligarh, Moradabad, Sambhal, Badaun, Meerut, Ghaziabad, Noida/Delhi.
- 2 Batches in Faculty of Engineering are already studying.
- Enrolled students are from TEN states across the Country.

The University commenced its operation in 2014 and about 350 students are currently studying in various programs. It has more than 23 regular, 4 visiting and 6 Adjunct faculty members on its rolls, besides a fully developed infrastructure with modern facilities including hostels for all students.

Centres for Learning Excellence

Jaiprakash Centre for Entrepreneurship Development

The centre has been set up at JIIT to provide a platform to foster innovation activities and motivate, guide and support JIIT students to become technology entrepreneurs. The centre will create and provide a network of experts to mentor students to elaborate, validate and refine innovative ideas for developing socially useful and commercially viable products and services.

Micro Electro Mechanical Systems (MEMS) Centre (JIIT)

The Centre for MEMS Design, set-up in year 2009 focuses on collaborative research efforts related to MEMS and smart sensors of the Departments of ECE, Physics and Material Science Engineering. Research areas targeted are RF Spiral Inductor development, SAW based Sensor Design and Advanced Smart Materials.

Center for Emerging Diseases (JIIT)

Newly emerged, re-emerged infectious and life style diseases constitute a global threat that puts every nation and every person at risk. 'Centre for Emerging Diseases' at JIIT addresses questions of molecular pathogenesis of emerging viral and bacterial pathogens, structural biology, life style diseases such as cancer, cardiovascular diseases, diabetes, obesity and the design of novel diagnostics and therapeutics. The research activities at the 'Centre for Emerging Diseases' are supported by extramural research funding from various agencies of Govt. of India including DBT, DST, ICMR and AICTE.

Cement Research and Development Centre (CRDC) (JUET)

CRDC undertakes research in the area of cement, with focus on utilization of marginal limestone and waste materials and usage of various industrial wastes as cement additives. The Centre has conducted various short term courses and technical programmes for cement industry.

Jaypee Wind Engineering Application Centre (JP- WINCENTRE) (JUET)

A state-of-the-art Boundary Layer Wind Tunnel (BLWT) facility is in an advanced stage of establishment at the JUET campus for providing innovative solutions to problems of industry and undertaking wind engineering research.

Operator Trainee Simulator Centre (JUET): 660 MW Super Critical Power Plant Simulator facility to train students and also to extend short term training to power sector industry personnel. It is a generic simulator and a trainee gains in-depth knowledge of different components of super critical power plant along with its operation.

Research and Development Activities

Several ongoing research projects are being funded by Government agencies such as Department of Science & Technology, Department of Biotechnology, Ayush (Ministry of Health & Family Welfare), DRDO, ICMR, Ministry of Environment & Forest, ISRO, CSIR, etc.

University	Number of Projects	Funding (in ` Lacs)
JIIT	30	671.00
JUIT	42	1830.16
JUET	4	36.11

Other Details (for all 4 Universities)

- More than 55% faculty with Ph.D degrees
- Nearly 200 Ph.Ds awarded
- Around 400 Ph.D scholars and 400+ M.Tech. students currently registered
- Faculty research publications exceeding 5500 in national and international journals - with specific inputs in high impact factor journals such as Progress in Electromagnetic Research B & C, Physica Scripta, Physical Review A, PLoS ONE, BMC Genomics, Expert Systems with Applications, Analytica Chimica Acta, Nucleic Acids Research, Bioinformatics, Journal of Computational Electronics, The Scientific World Journal, Ind. Eng. Chem. Res., App. Cat., AI ChE J, Rapid Prototyping Journal, J. of Experimental Mechanics, J. of Sustainable Cement Waste Materials, Int. J. of Concrete Structure Material etc.

Foreign Collaborations/MOUs

The Jaypee Universities have collaborations/ understandings with foreign universities aimed at academic development and exchange in mutual areas of interest. *These are listed below:*

1. University of Abertay Dundee (U.K)
2. Educational Services Agreement with the University of Florida, Gainesville, USA (UF-EDGE program)
3. University of Florida, International Center, Gainesville, Florida, USA. The selected students have options to do their 8th semester at a nominal fee at the University of Florida & Nebraska, USA. Most of such students have also got admissions in respective MS program and 100% placement through jobs in US. In 2015, 25 students of JIIT, JUIT and JUET have availed this option of doing their 8th semester studies at University of Florida, USA.
4. College of Information Science & Technology, The Peter Kiewit Institute of Information Science, Engineering & Technology, University of Nebraska, Omaha.
5. University of Westminster, London, England.
6. Finnish Universities of Applied Sciences, Finland.
7. Youth Development Fund Bhutan
8. Mapua Institute of Technology, Manila, Philippines
9. Institute of Microbiology, Johann Wolfgang Goethe, University of Frankfurt, Germany
10. University of California, Berkeley Extension
11. Alliance of 4 Universities (A-4A) of Spain
12. Arkansas State University, USA
13. Technion - Israel Institute of Technology, Israel
14. South Dakota School of Mines and Technology, USA
15. Center for Industrial Microbiology, Food Industries Research Institute, Nguyen Trai, Thanh Xuan - Hanoi, Vietnam
16. SAP AG, Dietmar-Hopp-Allee, Germany
17. Cheng Shiu University, Taiwan

UG Programs 2016-17

	JIIT – Noida (Sec. 62 & 128)	JUIT – Waknaghat, H.P.	JUET – Guna, M.P.	JU – Anoopshahr U.P.
Total No. of Seats	1230	510	690	720

B. Tech. Disciplines offered (seats)	• CSE (540)
	• ECE (480)
	• IT (60)
	• BT (60)
	• Integrated M.Tech.
	  o CSE (30)
	  o ECE (30)
	  o BT (30)
		• CSE (180)
		• ECE (120)
		• IT (30)
		• BT (60)
		• BI (30)
		• Civil Engg. (90)
			• CSE (270)
			• ECE (60)
			• IT (30)
			• EE (60)
			• Civil Engg. (120)
			• CHE(30)
			• Mechanical Engg. (120)
				• CSE (180)
				• ECE (150)
				• IT (90)
				• Civil Engg. (90)
				• Mechanical Engg. (90)

NEW Programme 3-year UG Honours programmes* (seats)	–	–	–	• BBA (Hons.)(30) • B.Sc (Hons.) Statistics (30) • B.A. (Hons.) Economics (30) • B.Com (Hons.) (30)#
Admission Basis	• All India Rank at JEE – 2016 • In addition, 10+2 marks basis (for BTonly)	• All India Rank at JEE – 2016 In addition, 10+2 marks basis (for BT and BI only)	• JEE – 2016 Scores • In addition, 10+2 marks based merit	• All India Rank at JEE – 2016 • In addition, 10+2 marks based merit

BT – Biotechnology

BI – Bioinformatics

CSE – Computer Science & Technology

IT – Information Technology

CHE – Chemical Engineering

EE – Electrical Engineering

ECE – Electronics & Communication Engineering

* For 3-year UG Honours programmes, admission is based on 10+2 Marks basis

Available for women candidates only

Note: Number of seats indicated above are inclusive of seats reserved for SC/ST as per Government of India rules.

Computer Science and Engineering & Information Technology

The Jaypee institutions with the passage of their evolution and growth have succeeded in creating their place of excellence in India and abroad. The institutes have been attracting bright students from all parts of the country for quality education in Computer Science and Information Technology at undergraduate, postgraduate and doctoral levels. During the course of time, the Institutes have offered opportunities to scholars and students towards quality education and research in pursuance of a long cherished mission of the Group.

Most of the courses are supported by good laboratory practice through excellent computer laboratories and software. The UG curriculum of CSE offers lot of flexibility to a student to choose subjects according to his/her interests and future plans. A large number of elective subjects are available in line with the current market trends in emerging areas, and to cover various specilizations. Though most of the courses have elements of research and design, a heavy emphasis on the final year project gives students an excellent opportunity to develop and demonstrate their innovation skills, design skills and research interests. These projects quite often lead to publications of their original work.

Some of the core subjects of the programs include Object Oriented Programming, , Computer Organization and Architecture , Mobile and Ubiquitous Computing, Smart Systems, Micro Processors & Controllers, Algorithms, Operating Systems, Software Engineering, Computation Theory, Computer Networks, and Compiler Design. Students have to undergo a thorough six-week mandatory industrial training at the end of their third year of study to get a feel of the work culture in relevant industries.

Electronics & Communication Engineering

The program aims at producing high quality engineers in the area of Electronics & Communication Engineering who can take up challenges in design, development, research, manufacturing, management and academics. Students get a good foundation in Basic Sciences, Mathematics, Basic Engineering and in many core subjects of Electronics & Communication Engineering. Through many Professional Development Courses which include Languages, Humanities, Social Sciences and Management, they turn out to be good professionals in their branch of specialization.

Some of the important core subjects include Analog & Digital Electronics, Signals & Systems, Analog & Digital Communications, Digital Signal Processing, Electromagnetic Engineering, Telecommunication Networks and VLSI Technology. Students are also required to take a number of courses in Computer Science and Engineering to meet the requirements of academics as well as industry. The program is fully supported by excellent laboratory facilities. Options to take many elective subjects provide a wonderful opportunity to the students to go in further specialisation in ECE and broaden their knowledge to cater to the demands of academics and industry. A strong emphasis on the final year project makes the student confident in research, design, development, manufacturing and management. Students get a flavour of working in industry and the work culture there through the mandatory six-weeks industrial training at the end of the third year.

Electrical Engineering (EE)

Power sector has been identified as a key area to promote sustainable development. The growth of unconventional energy sources, infrastructure including railways and metro-rail, the launch of 'Make in India Programme' will all need qualified manpower in electrical engineering. The UG programme in electrical engineering has been designed to provide sound theoretical background, strong practical exposure, allow selection of subjects from wide range of electives, making graduates capable of facing the challenges in design, production and maintenance of various types of projects.

Chemical Engineering

The objectives of the program are to provide the students a broad-based education with emphasis on theory and practice of Chemical Engineering keeping in view the current and future requirements of the country. The courses offered aim at preparing trained manpower to meet the demand in the process industries including cement, food processing, petroleum processing, pharmaceuticals, mineral processing and polymers besides design, development & troubleshooting. Graduates have been placed successfully in reputed organizations like NOCIL, Hindustan Lever, Jaypee Group, IOCL, Reliance, DMCC, KJS Cement, APAC Consulting etc.

Nine fully equipped state-of-the-art laboratories with air/water/steam lines are available to students. The course syllabus is flexible and includes all components of modern engineering education with wide choice of electives from areas like design, analysis, modelling, energy and environment.

Biotechnology and Bioinformatics

The exponential growth and rapid development in modern biotechnology and bioinformatics as well as the diversity of knowledge and skills required to pursue careers in biotechnology has inspired us to educate and train youth in BT & BI. The program makes available specialized labs in areas such as Proteomics Technology, Genomic Technologies, Plant Biotechnology, Microbial Biotechnology, Animal & Plant Cell Culture, Environmental Biotechnology, and Industrial Biotechnology. The Biotech programmes at JUIT & JIIT have been ranked among top 3 private Biotech Programs in India for the last several years.

Bioinformatics has emerged as a separate discipline due to an upsurge in genomics data through sequencing of whole genomes of microbes, plants, animals and humans. Anticipating a high demand of technocrats with knowledge base of a combination of biotechnology and CS & IT, a specialized degree program B.Tech. Bioinformatics (BI) is being offered. The multidisciplinary nature of bioinformatics involves in-depth knowledge in biotechnology, computer science & IT, mathematics & biostatistics and physics, in addition to core subjects in bioinformatics.

Civil Engineering

Undergraduate program in Civil Engineering (offered at JUIT-Waknaghat, JUET-Guna and JU-Anoopshahr) has been developed to meet the latest requirements of the infrastructural development of our country in areas like Construction, Transportation, Hydropower and Environmental Engineering. The curriculum has been developed to keep it more practice and industry oriented without compromising its academics rigour.

Students are provided with comprehensive theoretical knowledge through lectures, tutorials and assignments covering the basic as well as advanced topics in various subjects of civil engineering. They are trained for practical understanding in departmental laboratories namely Concrete and Structural Engineering, Geotechnical Engineering, Environmental Engineering, Highway Engineering and Surveying, in addition to the traditional Engineering Graphics and Workshop Practices. All laboratories are equipped with modern equipments and facilities and highly trained manpower. Students are exposed to construction industry during the practical training in reputed construction companies. Training on software like STAAD Pro, MATLAB, Auto-CAD and PRIMAVIRA enhances employability of students in the various fields of Civil Engineering. Opportunities are provided to students for post graduation and research in the areas of Geotechnical, Structural, Environmental and Transportation Engineering.

Mechanical Engineering

Mechanical Engineering is offered by the Department of Mechanical Engineering JUET-Guna and JU-Anoopshahr. The program has established laboratories like Thermodynamics, Computer Aided Design, Strength of Materials, Fluid Mechanics & Machinery, Measurement & Control, Theory of Machine, I.C. Engines, Heat & Mass Transfer, Advanced Machining, Refrigeration & Air Conditioning, Dynamics of Machines, Additive Manufacturing (AM) and CIMS, 660 MW Super Critical Thermal Power Plant Training Simulator (at JUET) for hands on experience in practice and design. It lays emphasis on subjects like Flexible Manufacturing Systems, Computer Integrated Manufacturing, Additive Manufacturing, Robotics, Tribology, Composites and Laser Materials, Finite Element Methods to provide the graduates to take up the challenging tasks for leading sectors of manufacturing, design and energy generation & conservation and R & D and provides adequate exposure for hands on experience.

HONOURS PROGRAMS IN THE FACULTY OF ARTS,
Commerce, Management and Sciences

From the academic session 2016-17, the Jaypee University (JU), Anoopshahr is starting Three-Year Honours Programs in the Faculty of Arts, Commerce, Management and Sciences with the motto of enrolling young minds from diverse communities and different social and economic backgrounds. Four different Degree Programs are being offered:

B. A. (Honours) – Economics.

B. B. A.(Honours) – Agricultural Business, Digital Marketing, Healthcare-Services Management and Hospitality Management.

B. Sc. (Honours) – Mathematics (Statistics).

B. Com. (Honours) – For Females only.

These courses are offered by the University in accordance with the Standards, and Nomenclature as approved by the UGC & other National Level Statutary Bodies, and have been designed according to the "Demands of Trained Manpower projections". Every student will be required to work towards a Degree (Three Years) with a specific choice of elective subjects along-with the core subjects of B.A. (Honours)/B. B. A. (Honours)/B. Com. (Honours) and B.Sc. (Honours) Programme as per the degree for which student is enrolled. In the B. B. A. (Honours) Program, a student has the option of pursuing any one stream of the four mentioned.

"Finishing Schools" for soft and Communication Skills, along with the "Computer Proficiency Certification" by the University during these programs will make every enrolled student readily available for the variety of jobs in Diversified Areas globally, and also pave the way for Higher Studies in India and Abroad.

5 YEARS INTEGRATED M.TECH PROGRAMS
Computer Science & Engineering

This five year integrated M.Tech. program is designed for those students who are deeply fascinated by computer science & engineering and are absolutely sure about specializing in this discipline. The students are groomed to start an R&D oriented career in IT industry or pursue their doctoral studies in Computer Science & Engineering. The curriculum offers foundation as well as advanced courses on a wide spectrum of computing area - Programming, Algorithms, Databases, Computer Organization and Architecture, Operating Systems, Computer Networks, Web and Mobile computing, Embedded Systems, Distributed systems, Artificial intelligence, Machine Learning, Software Engineering, Information and Networks Security, Multimedia Computing, Performance Modelling, etc.

Biotechnology

Five year integrated M. Tech program in Biotechnology covers the regular courses of B. Tech program and additionally students are exposed to advanced level courses such as Biomolecules and Cell Communication, Molecular Modelling and Drug Design, Bio-separation Technology, Systems Biology and Neural Networks, Nanobiotechnology, Vaccine Biotechnology, Metagenomics, Diagnostics and Therapeutics, Regulatory Affairs, Product Development in Biotechnology etc. along with a Research Project, Dissertation and Seminar. These courses focus on theoretical and laboratory skills in various areas of Biotechnology and Bioinformatics, enabling proficiency for higher studies, R&D and industry work.

Electronics and Communication Engineering

5-year Integrated M.Tech degree program in Electronics and Communication Engineering spans courses of both B.Tech and M.Tech degrees in the discipline of Electronics and Communication Engineering and emphasises on an in-depth understanding of several advanced and state-of-the-art courses in the area of Signal & Speech Processing and Coding, Wireless Communication, VLSI, System on Chip, Satellite Communication, Microwave Engineering etc. The integrated program provides the students with the opportunity to acquire comprehensive understanding in an area of their selected field through electives and individual projects. It prepares them for R & D, and industrial work as well as higher studies.

Post Graduate Programs

The objective of the program is to impart advanced level knowledge in the field of specialization making the students suited to better academia as well as industry and assume responsibilities requiring greater research, design and development aptitude. Through compulsory core and open elective subjects the students acquire a state-of-the-art advanced knowledge in a chosen field of specialization. These selective courses give the opportunity to further specialize in the field depending on his/her interest and the future career plan. For project work and dissertation students are required to take-up problems on particular topic in the field culminating in submission of a dissertation/report.

Applied and Computational Mathematics

The program is designed to train students in data analytics, big data and advanced computational mathematics and theoretical computer science, so that they are well equipped to take up jobs in the software industry, research & development organizations. The program enables them to learn computing, simulation and numerical techniques.

Biotechnology

M.Tech in Biotechnology program is designed to offer diverse and extensive aspects of biotechnology and life sciences and has strong emphasis on research. It encompasses streams such as Bio-separation, Metabolic Engineering and Process, Medical Biotechnology, Metagenomics, Microbial Technology, Molecular Modelling, Gene and Omics Technologies, Bioprocess and Industrial Biotechnology, etc. Curriculum is enriched and helps the students follow interest compliant to his/her research aspirations and current industrial demands. Working along with a blend of Ph.D students and research fellows involved in intense research enhances the quality of research experience for graduate students.

Computer Science and Engineering

The program provides advanced level education and research exposure in various areas of computing - Algorithms, Distributed Systems, Software Engineering, Machine Learning, Databases, Computer Networks, Computer Architecture, Information and Networks Security, etc. These advanced level courses and M. Tech dissertation lay the foundation for potential doctoral work in CSE.

Computer Science and Engineering with specialization in Information Security

Information security is a fast growing area and has been recognized as a national priority. This program aims to enhance the knowledge and core competencies in contemporary computer science and also provide a deep understanding of security related aspects. The curriculum includes a comprehensive set of core and elective courses to achieve both these purposes.

Computer Science & Engineering with specialization in Mobile Technology

Recent advancements in the field of wireless and mobile technologies have broken barriers regarding how we perceived communication. Ubiquitous computing has now evolved from the nascent stage of desktop computing.

Considering these factors, a program on Master of Technology in Computer Science Engineering with specialization in Mobile Technology was launched w.e.f. 2015-16 session. The program aims to provide sound theoretical as well practical knowledge in Wireless Communication & Networks, Mobile Architecture & Programming, Mobile Database Management System, Mobile Operating System & Web Development etc. The students will also have wide choice of electives to enhance their knowledge in subjects of their choice. This Master's program provides career options in the emerging technology sector of Mobile Technology. This program will be open to candidates with B.Tech./B.E. in Computer Engineering / Information Technology / Electronics and Communication Engineering.

CSE with specializatin in Information Technology & Entrepreneurship

This is a joint program by department of CSE&IT and Jaypee Business School. It is designed for graduates with IT background who are interested in pursuing information technology centric entrepreneurship or taking leadership positions in innovative technology-based start ups and other organizations. The curriculum includes courses on information technology and entrepreneurship management. Second year of the program is devoted to industrial internship and IT entrepreneurship project to develop an investor-ready business plan. Through this program, the student will also network with successful 'role model' innovators, entrepreneurs, and enterprise development experts.

CSE with specialization in Data Analytics

M.Tech (Data Analytics) is an inter-disciplinary program offered by Department of CSE & IT and is designed to meet the huge manpower shortage in this area that has been well recognized as one of the fastest growing areas. All business and government organisations working in commerce, policy, insurance, finance, economics, engineering, infrastructure, energy, health care, education, security, sports, media, culture, etc. are increasing relying on computational tools and techniques of data analytics for taking informed decisions.

This program has been designed to develop the ability to apply and develop computational techniques and systems to draw insights from big data in a variety of application domains. The curriculum exposes students with all aspects of data analytics including research design, data collection, preparation analysis, integration, visualization, and interpretation. In addition to the CSE & IT department, the department of mathematics as well as business school/department of HSS will also contribute courses for this program.

The core courses include statistical data analysis, financial econometrics, data warehousing and data mining, pattern recognition and machine learning, large scale graph analytics, empirical research and laboratories. Students will also be offered several electives on theoretical, systemic, algorithmic, and applied aspects of data analytics. This two year full time program is open for candidates with B.Tech. (in any discipline) or Masters (in Computer Applications/ Computer Science/ IT/ Maths/ Statistics/ Operations Research/ Physics/ Electronics/ Instrumentation) or equivalent.

Electronics & Communication Engineering/Electronics & Communication Engineering with specialization in Communication Systems

This program covers a number of areas at advanced level like Mobile, Wireless, Satellite, Optical and Computer Communication Systems and Networks, Signal Processing, Spread Spectrum Communication and Error Control Coding Techniques, Microelectronics & VLSI Design and Information & Communication theory.

Electronics & Communication Engineering with specialization in Micro Electronics Systems & Embedded Technology

This interdisciplinary program focuses on Microelectronics and MEMS Devices and Technology, VHDL based Digital Design, Analogue and Digital CMOS Design and Embedded Systems Design. Students are able to make use of modern tools and techniques to implement VLSI Design on Silicon.

Chemical Engineering

The program provides advanced courses in areas such as Process Modeling and Optimization, Advanced Separation Processes, Advanced Process Control, Advanced Transport Phenomenon and Fluidization Engineering. The course offers a wide range of electives. The students have to take a major research activity as a part of the course. The aim of the program is to train students to assume independent responsibilities laying emphasis on the country's current and future requirements in industry, R&D organizations, design firms and academic institutions.

Chemical Engineering

This course is designed for students who may eventually wish to specialize in structural engineering. The program emphasizes analysis and design of structures like bridges and multi-storied buildings. The course introduces numerically demanding research and design exercises relating to a wide-range of structures using simulation, modeling and computational software programs. The program lays equal emphasis on laboratory work, industrial visits and research based dissertation. M. Tech. program in Structural Engineering provides a basic preparation for professional careers and an understanding of design, comprehension of the commercial world and competence in transferable skills.

Civil Engineering (Structural Engineering)

This course is designed for students who may eventually wish to specialize in structural engineering. The program emphasizes analysis and design of structures like bridges and multi-storied buildings. The course introduces numerically demanding research and design exercises relating to a wide-range of structures using simulation, modeling and computational software programs. The program lays equal emphasis on laboratory work, industrial visits and research based dissertation. M. Tech. program in Structural Engineering provides a basic preparation for professional careers and an understanding of design, comprehension of the commercial world and competence in transferable skills.

Civil Engineering (Construction Management)

The program provides preparation for effective leadership in the field, which includes light (residential and small office buildings) and heavy (large office buildings and facilities, infrastructure) projects. It aims at educating the students with regulatory, insurance, management, safety, planning tools, estimation and environmental aspects of management necessary for overall planning and control of construction projects. The course helps in gaining innovative problem-solving skills to determine costs and apply time-value-of-money concepts to effectively evaluate alternatives. With a curriculum developed in collaboration with the University of Florida (USA), the programme assures relevant and global standards education

Civil Engineering (Environmental Engineering)

The interdisciplinary program is aimed at imparting advanced level education in Environmental Science and Engineering for analyzing and controlling environmental pollution, control technologies, management practices and sustainable development. The course offers a wide variety of electives in areas like clean technologies, membrane separation processes, resource conservation, water quality management and solid waste management.

Materials Science & Engineering

The interdisciplinary program is aimed at imparting advanced level education in areas of Nano-Materials & Technology, Semiconductor & Optoelectronics Materials & Technology, Polymers, Ceramics & Composites, Materials for Storage Devices with a strong foundation in fundamentals of structures, properties and processing of materials and computer aided modeling and simulation techniques.

M.Sc. /M. Tech. Programmes in Sciences and Mathematics

M.Sc. (2 years)/M. Tech. (3 years) programmes in Sciences and Mathematics are designed to cater the need of academics, research and industry. The candidates are initially admitted to 2 year M. Sc. programmes in Physics, Chemistry and Mathematics. After successful completion of first year, interested candidates may be offered 3 years M. Tech. programmes, subject to their fulfilling the laid down criteria. M. Tech. programmes are offered in Solid State Technology, Industrial Chemistry, and Applied & Computational Mathematics respectively.

MBA programme at Jaypee Business School (JBS)

JBS is a constituent of JIIT Started in the year 2007. It holds a very good reputation amongst the new generation business schools in India. In a short span of 8 years, the JBS has made an extremely good progress as a center of excellence in management studies. It has been rated amongst the emerging institutions in management studies by numerous studies and surveys in the past. The program is of 2 year duration offering electives in Marketing, HR, Finance and Operations.

Mechanical Engineering
(Manufacturing Technology)

M.Tech in Mechanical Engineering (with specialization in Manufacturing Technology) has been developed keeping the industrial requirement in view. Applications of Manufacturing Technology are to manage manufacturing resources efficiently and effectively and thus improve the productivity of an industrial organization. The curricula of this program is open to Mechanical and Production Engineering graduates only.

Post Graduate Programs

PROGRAM	JIIT - Noida	JUIT - Waknaghat	JUET- Guna
M.Tech. (2 Years)			
Applied & Computational Mathematics	√	√	–
Biotechnology	√	√	–
Computer Science & Engineering (CSE)	√	√	√
CSE with specialization in Information Security	√	–	–
CSE with specialization in Mobile Technology	√	–	–
CSE with specialization in Data Analytics	√	–	–
CSE with specialization in Information Technology and Entrepreneurship	√	–	–
Electronics & Communication Engineering (ECE)	–	√	√
ECE with specialization in Communication Systems	√	–	–
ECE with specialization in Micro Electronic Systems & Embedded Systems	√	–	–
Materials Science & Engineering	√	–	–
Civil Engineering (Construction Management)	–	√	–
Civil Engineering (Environment Engineering)	–	√	√
Civil Engineering (Structural Engineering)	–	√	√
Chemical Engineering	–	–	√
Mechanical Engineering (Manufacturing Technology)	–	–	√
Integrated M.Tech. (5 Years)			
Biotechnology	√	–	–
Computer Science & Engineering	√	–	–
Electronics & Communication Engineering	√	–	–
MBA (2 Years)	√	–	–
M.Sc./M.Tech. (2/3 Years)			
M.Sc. (Chemistry)/M.Tech. (Industrial Chemistry)	–	–	√
M.Sc. (Mathematics)/M.Tech. (Computational Mathematics)	–	–	√
M.Sc. (Physics)/M.Tech. (Solid State Technology)	–	–	√

√ Offered   – Not Offered

Doctoral Programs (Ph.D)

The Ph.D programs are available in various specializations such as Bioinformatics, Biotechnology, Civil Engineering, Computer Science and Engineering, Information Technology, Electronics and Communication Engineering, Management, Humanities, Social Sciences, Mathematics, Physics, Materials Science and Engineering at various campuses. The scholars are required to take up intensive research work under the guidance of a supervisor on a specific problem for a minimum of two to three years. The research work is expected to result in new findings contributing to the knowledge in the chosen field. The doctoral research program gives an opportunity to students to demonstrate their analytical, innovative and independent thinking leading to creativity and application of knowledge. The scholars are required to deliver seminars on their research progress regularly and publish their work. Finally, they are required to submit the thesis embodying their research findings for awarding of the Ph.D. degree. They are also required to take-up some advanced level course work.

Financial Assistance during Ph.D Program

Financial Support is provided to full time Ph.D students in the form of Research Fellowship/Teaching Assistantship

Program	JIIT-Noida	JUIT-Waknaghat	JUET-Guna
Electronics & Communication Engineering	Speech processing, Signal processing, Image and Video processing, Filters, Wireless Communications, Wireless Sensor Networks, CMOS design, Micro-electronics, VLSI design, Embedded Systems, RF Systems.	Signal Processing, Speech Processing Image Processing, Filters, Embedded System Design, Mobile & Wireless Communication, Error Control Coding, Biomedical Engineering & Control Systems	Digital Signal Processing, Image Processing, Wavelet Analysis and Pattern Recognition, Wireless Communication, Digital Commutation, Soft computing, Neural Networks, Renewable Energy, RF and Microwave Tubes, micro-strip Antennas, and Bio-metrics.
Computer Science & Engineering	Multimedia Technology and Applications, Artificial Intelligence, Information Retrieval, Machine Learning, Distributed Systems, Computer Networks, Wireless Networks, Web & Mobile Technologies, Security, Computing Education and Learning Technologies, Computer Architecture & Embedded Systems, Software Engineering, Data Analytics	Parallel and Distributed Computing, Mobile Computing, Cloud Computing, Computer Networks, Wireless Sensor Networks, Forensics, Security, Software Engineering, Image Processing, Computer Vision, Data Mining & Warehousing, Information Retrieval, performance of Algorithms, Artificial Intelligence, Natural Language Processing.	Distributed Processing, Grid Computing, Image Processing, Pattern Recognition, Image Security, Network Communication, Information System Security, Software Engineering, Data Mining & Warehousing.
Biotechnology & Bioinformatics	Medical Biotechnology, Bioinformatics, Genomics & Proteomics, Plant & Microbial Biotechnology, Environmental Biotechnology, Novel Drug Delivery Systems, Nano-biotechnology, Infectious Diseases, Life Style diseases, and Food Technology.	Genomics, Microbial Biotechnology, Plant biotechnology, Industrial biotechnology, Environmental Biotechnology, Food Technology, Computational Biology, Natural Products as Drugs and Nutraceuticals, Computational Drug Discovery, Medicinal Chemistry, Neuro Pharmacology, Stem Cells, Infectious Diseases, Cancer Biomarkers,	
Physics & Materials Science and Engineering	MEMS and Smart Systems, Advanced Materials, Nanoscience and Nanomaterials, Quantum Optics & Computing, Atomic & Molecular Physics, Energy Materials and Devices, Photonics and Plasma Physics, Semiconductors	Semi Conducting Chalcogenides, Nano-ferrites, Microstrip Antennas, Nanoscience and Nanotechnology, Polymers, Nano-sensors	Spectroscopic Studies of Polymers and Finite Crystals, Nanomaterials, Energy Storage Devices, Nonlinear Dynamics and Quantum Optics.
Mathematics	Wavelets, Fractals and Chaos, Analysis, Numerical Analysis and Computational Fluid Dynamics, Fuzzy Set Theory, Continuum Mechanics, Information and Coding Theory	Differential Equations, Mathematical Modeling and Simulation, Elasticity, Wave Propagation, Fuzzy Information Theory and Decision Making, Differential Geometry, Algebraic Coding Theory Statistics	Numerical Analysis, Reliability Theory, Operations Research, Fluid Mechanics, Information Theory, Fuzzy sets and Logic, Fuzzy Information Measures, and Complex Analysis.

Program	JIIT-Noida	JUIT-Waknaghat	JUET-Guna
Humanities and Social Science	Political Sociology, Anthropology; Psychology, Public Finance, Development & Health Economics; Financial Accounting and Evaluation, Corporate Finance, Banking; Indian literature, Organizational Behaviour, HR Information System, Emotional Intelligence, Social Media & E Marketing	Finance, Economics, Management, English	Industrial Economics, Micro & Small Business, Financial Management, Marketing Management, Innovative Management, New Product Development, Consumer Behavior, Business Economics, Corporate Governance, Business & Government.
Civil Engineering		Materials, Structures, Soils, Environment, Fluid Mechanics, Rock Mechanics	Concrete Technology, Environmental Engineering, Geotechnical Engineering, Hydraulics & Water Resources Engineering.
Chemical Engineering			Laser Beam Machining, Additive Manufacturing, Dynamics of Machine Tools, CAD/CAM, Thermal Sciences.
Mechanical Engineering			Numerical Analysis, Reliability Theory, Operations Research, Fluid Mechanics, Information Theory, Fuzzy sets and Logic, Fuzzy Information Measures, and Complex Analysis.
Chemistry			Novel Surfactants, Polymer Chemistry, Oleo Chemicals, Environmental Sciences, Natural Products.
Management	Marketing, Finance, Operations and Supply Chain Management, Economics and International Business, Human Resource Management and Organizational Behavior.		

Training and Placement

A dedicated Training & Placement Cell located at JIIT Noida facilitates all students from Jaypee Institutions, in identifying and achieving their dream career. A well established network with leading industries as well as start-ups results in excellent placements and paid internships year on year. Organized Industry interaction provokes the students to go beyond jobs and become entrepreneurs.

In the ensuing year, maximum salary of Rs. 19 lac has been offered by Amazon. Apart from traditional mass recruiters, 28 companies offered salaries varying from Rs. 5 to 9 lac. The gradual increase in the number of companies offering higher salaries over the years is the direct reflection of trust reposed by the Industry in the quality of our student engineers. Most students get their first job offer on Day 1, wherein over 1000 offers are made by Infosys, Cognizant, Wipro etc.

It is a testimony of grooming of our students that almost 70 alumni have set up their own ventures thereby promoting the spirit of entrepreneurship as a career.

A representative collection of companies visiting the JIIT campus is shown aside. Detailed placement data is available on our website.

JAIPRAKASH
S E W A   S A N S T H A N

Jaiprakash Sewa Sansthan

For over five decades now, Jaypee Group has supported the socio-economic development of the local environment in which it operates and ensures that the economically and educationally challenged strata around the work surroundings are also benefited from the Group's growth by providing education, medical and other facilities for local development.

The Group also undertakes Comprehensive Rural Development Programme (CRDP) which covers a wide range of projects such as free medical camps, health check-ups for village school children, literacy campaigns like Balwadis for young boys and girls, safe drinking water supply, creating huge water reservoirs in different villages, self employment which includes tailoring classes for women and animal husbandry. Some other important activities undertaken include the renovation of old temples, other schools and hospital buildings in the adjoining adopted villages.

JSS has translated its social responsibility into reality by building up schools and training institutes that cater to the needs of providing quality education to the rural masses. The trust also helps in times of natural catastrophe to reach the affected communities in distress.

Jaypee Group at a Glance

Transforming challenges into opportunities has been the hallmark of the Jaypee Group ever since its inception five decades ago. The Group is a diversified infrastructure conglomerate with business interests in Engineering & Construction, Cement, Power, Real Estate, Expressways, Fertilizer, Hospitality, Healthcare, Sports, Information Technology and Education (not-for-profit).

Engineering & Construction

The Engineering and Construction wing of the Group is an acknowledged leader in the construction of multi-purpose River Valley and Hydropower projects. The Group is the only integrated solution provider for Hydropower projects in the country with a track record of strong project implementation in different capacities.

Cement

Jaypee Group is the 3rd largest cement producer in the country. The Group produces special blend of Portland Pozzolana Cement under the brand name 'Jaypee Cement'. Its Cement Division currently operates modern, computerized process control cement plants with an aggregate capacity of over 30 MnTPA.

Power

The Group operates 400 MW Vishnuprayag hydropower plant in Uttarakhand , 1320 MW pit head based Nigrie Thermal Power plant in district Singrauli of M.P. and 500 MW Thermal Power plant at Bina M.P.

1980 MW Bara Thermal Power project (Phase 1) in U.P. is under advanced stage of implementation.

Real Estate

Jaypee Group is a pioneer in the development of India's first golf centric Real Estate. Jaypee Greens - a world class fully integrated complex at Greater Noida consists of an 18 hole Greg Norman Golf Course, stretching over 452 acres. It also includes residences, commercial spaces, corporate park, entertainment and nature in abundance. Jaypee Greens also launched its second project in Noida in November 2007. India's First Wish Town at Noida is an integrated township spread over 1162 acres of land comprising one 18 hole and two 9 hole golf facility and world class residences.

Expressways

The Group has entered into construction of expressways with the Yamuna Expressway project - a 165 km access controlled 6 lane super expressway along the Yamuna river connecting Noida and Agra on Build Own-Transfer basis.

The Group has commissioned the first RIFD Technology based Electronic Toll Collection Plaza and four laned Zirakpur-Parwanoo Section of NH-5, the Himalayan Expressway from km 39.96 to km 67.55 in the states of Punjab, Haryana & Himachal Pradesh.

Fertilizers

The fertilizer plant situated in Panki , Kanpur is one of the oldest Urea manufacturing plant in the country with an installed capacity of 7.22 lac MT per anum. Urea production has started from June 2013 and the product is sold in the brand name of "Jaypee Chand Chaap Urea" which enjoys a very high degree of acceptance amongst the farming community. The plant was successfully converted to gas based, from Naptha and currently prills urea by using the latest in technology.

The company has also entered into the value added agri inputs space by marketing speciality inputs like Micro nutrients, Zinc sulphate Mono hydrate and organic manure under the flagship brand of Jaypee Chand Chaap.

Healthcare

With the vision of promoting world-class health care amongst the masses by providing quality and affordable medical care with committement, the Jaypee Hospital has been set up and the first phase with 525 beds is fully operational. The hospital has been planned as a 1200 bedded tertiary care multi-speciality facility.

Hospitality

The Group owns and perates 4 Five Star Hotels, two in New Delhi and one each in Agra and Mussoorie with a total capacity of 644 rooms. Another 5 Star luxury with 170 rooms state-of-the-art resort and SPA is now operational in collaboration with SIX SENSES at Greater Noida.

Education

JSS offers education through 4 Universities, 1 Post Graduate College, 1 B.Ed College, 2 Polytechnic, 7 ITI's, 34 Schools catering to learning of over 35,000 students across the complete spectrum of the learning curve.

Sports

The Group has hosted India's first ever Formula OneTM Grand Prix on 30th October, 2011. In addition to F1, the track is expected to host other top-level international motor sports events.

Information Technology

JIL Information Technology Limited (JILIT), the IT arm of the Jaypee Group offerings encompass a diverse range of areas such as IT Infrastructure Management, Networking & Communication, Multimedia & Content Development Services, E-learning and Software Solutions. JILIT is today partnering with leading IT companies such as IBM and CISCO.
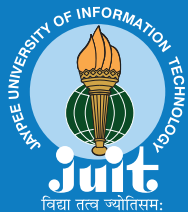
JILIT's quality management system is ISO 9001:2008 certified and the information security management system & data centre operations is attested by ISO 27001:2005
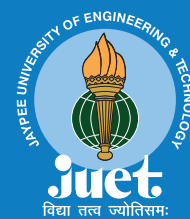
Admission Shall be based on:
(a) JEE-2016 All India Ranking (JIIT, JUIT & JU-A)
(b) JEE-2016 scores (JUET)
(c) 10+2 marks based merit (JUET & JU-A)

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