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विद्या तत्व ज्योतिसमः

JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY

CONTENTS

Basic Information in Brief	1
Introduction	2 - 3
Governance	4
Infrastructure Details	5
Academic Profile	6 - 11
Academic Departments	12 - 44
Jaypee Business School	45 - 48
Faculty Publications	49 - 78
Centres (Library & IT)	79 - 81
Ongoing Projects	82 - 85
International Linkages	86 - 88
Academic Administration	89
Jaypee Youth Club (JYC)	90 - 112
Training & Placement	113 - 114
Financial Status	114

APPENDICES

A.	Board of Management	115
B.	Academic Council	116
C.	Details of Infrastructure	117 - 120
D.	List of Faculty	121 - 128
E.	Financial Report	129 - 132

BASIC INFORMATION IN BRIEF

Name	:	**Jaypee Institute of Information Technology, Noida** (Declared as Deemed to be University u/s 3 of the UGC Act, 1956)
Year of Establishment	:	August 2001
Status	:	Deemed University, with effect from 01 Nov 2004
Location	:	A-10, Sector-62, Noida
Pin code	:	201307
District	:	Gautam Budha Nagar
State	:	Uttar Pradesh

Officers of the Institute

Vice Chancellor	:	**Prof. S.C. Saxena**
Registrar	:	**Sh. Raju Sangal**
Finance Officer	:	**Sh. S.J.S. Soni**

Tele/Fax/Website

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INTRODUCTION

Genesis

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).

With the thought of using technology and management effectively, the visionary founder of the JSS, Shri Jaiprakash Gaur set up four higher technical institutes to host the best of faculty, students and educational infrastructure to ensure creation, generation, dissemination and application of knowledge to mould the world leaders of tomorrow.

Jaypee Institute of Information Technology (JIIT) was the first amongst four Institutes of higher technical education, raised by the Jaiprakash Sewa Sansthan (JSS) and was established in 2001.

Satisfied with the highest standards of professional education, supporting infrastructure and based on recommendation of AICTE and UGC, the Ministry of Human Resource Development (MHRD), accorded it the status of "Deemed University" in 2004.

About Jaiprakash Sewa Sansthan (JSS)

The Group has always believed in "growth with a humane face" and to fulfill its obligations it has set up Jaiprakash Sewa Sansthan (JSS), a 'not-for-profit' Trust which primarily serves the objectives of socio-economic development, reducing the pain and distress in society.

For over 5 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.

Location

JIIT is situated near the Electronic City at Noida at a distance of 3 Kms. from New Delhi-U.P. border in the area meant for educational Institutions as provided for by the Noida Authority.

Shri Jaiprakash Gaur,
Founder Jaypee Group & First Chancellor of JIIT

VISION

To become a Center of Excellence in the field of IT & related emerging areas in education, training and research comparable to the best in the world for producing professionals who shall be leaders in innovation, entrepreneurship, creativity and management.

MISSION

- To develop as a benchmark University in emerging technologies;
- To provide state- of- the- art teaching, learning process and R&D environment; and
- To harness human capital for sustainable competitive edge and social relevance.

OBJECTIVES

The objectives of the Institute as listed in the Revised Memorandum of Association are:

- To provide for instruction and training in such branches of learning as it may deem fit;
- To provide for research and for the advancement of and dissemination of knowledge;
- To undertake extra mural studies, extension programs and outreach activities that contribute to the development of society; and
- To do all such other acts and things as may be necessary or desirable to further the objects of the Institute.

GOVERNANCE

Board of Management

- As per Regulations of the Institute, the responsibility for the general superintendence, direction and control of the affairs of the Institute is vested with the Board of Management. The composition of the Board of Management is given in **Appendix-A.**
- The Board carries out its tasks and functions through statutory committees, which have been specified in the Regulations of the Institute.

Academic Council

- The Academic Council is the premier and august body of scholars, which decides and monitors the implementation of Academic policies and profile of the Institute. The powers and functions of the Council are defined in the Regulations of the Institute. Amongst other major functions, the Academic Council controls and approves the courses in various curricula, defines the thrust areas, objectives and constantly reviews the activities of the Departments to ensure improvements in standards.
- The Composition of the Academic Council is listed in **Appendix-B.**

Planning and Monitoring Board

1. **Vice-Chancellor…….Chairperson**

   Prof. S.C. Saxena
2. **Nominee of UGC**

   Nomination from UGC is awaited.
3. **Seven Internal Members**

   (i) Prof. Hari Om Gupta, Director, Sector-128 Campus

   (ii) Prof. Krishna Gopal, Dean (A&R)

   (iii) Prof. Padam Kumar, Dean (RID)

   (iv) Prof. Alka Sharma, Dean, HSS

   (v) Prof. D.K. Rai, HOD (PMSE)

   (vi) Cmde K. K. Rohatgi, Head, T&P
4. **Three Outside Experts**

   (i) Prof. J.S.P. Rai, Vice Chancellor, JUET, Guna

   (ii) Prof. Rajiv Saxena, Director, JU, Anoopshahr

   (iii) Prof. P.K. Jain, Ex-Director, IIITM Jabalpur & Professor of Mechanical Engg, IIT, Roorkee
5. **Registrar……Secretary**

   Sh. Raju Sangal
6. **Special Invitee**

   Sh. S. J. S. Soni, CFO

Finance Committee

1. **The Vice Chancellor --------Chairperson**

   Prof. S.C. Saxena
2. **A person nominated by the Society or Trust**

   Sh. S.D. Nailwal
   Director Finance, Jaiprakash Associates Limited, Sector-128
3. **Nominees of the Board of management**

   Sh. Sunil Kumar Sharma

   Executive Vice Chairman, Jaypee Group of Companies

   Prof. Hari Om Gupta

   Director, JIIT, Sector-128 Campus
4. **A representative of the Central Government**

   Nomination is awaited
5. **Finance Officer-Secretary**

   Sh. S.J.S. Soni

INFRASTRUCTURE DETAILS

JIIT has been developed as modern world Class University having campuses at Sector-62 and Sector-128, with intellectually vibrant ambience in a serene and lush green environment. The state-of-the-art campuses comprise smart buildings with Internet, with Wi-Fi connectivity, including environmentally conditioned Academic Blocks, Annapurna (Mess), well-equipped modern laboratories and Learning Resource Centres. Student residence provides a pleasant and intellectually stimulating ambience for the students in an eco-friendly environment. The details of the Infrastructure and available facilities are attached in **Appendix-C.**

ACADEMIC PROFILE

The Academic philosophy

Teaching

- Student centric learning;
- Encouragement to self learning;
- Periodic Review of Curricula to keep pace with changing technology;
- Regular updating of Electives in the Curricula;
- Emphasis on project, design and Laboratory skills;
- Emphasis on creativity & innovation skills;
- Development of Communication Skills and Leadership quality;
- Emphasis on fundamentals, concept understanding and analytical & problem solving skills;
- Enhancement of scientific reasoning ability;
- Integration of human values and professionalism

Research

- Research from undergraduate level;
- Faculty promotions based on R&D output;
- Emphasis on individual as well as group research;
- Undertaking project work in collaboration with the Industry.

Education System

- At JIIT, special emphasis has been placed on developing an environment highly conducive to building of a solid foundation of knowledge, personality development, confidence building, pursuit of excellence, self-discipline and enhancement of creativity through motivation and drive, which helps to produce professionals who are well trained for the rigors of professional and social life. Students are encouraged to make life outside the classroom vibrant and enjoyable by engaging themselves in multiple extracurricular areas. Creativity, competition, distinction, establishing relationships with fellow students and others in the community and ultimately enhancing the value of their educational experience, is at the heart of all extracurricular activities.
- The academic year consists of basically two semesters for Engineering & Humanities faculty and three trimesters for Business School students. The education system is organized around credit system which ensures continuous evaluation of student's performance and provides flexibility to choose courses of interest and to progress at an optimum pace suited to student's ability or convenience. Each course is assigned certain number of credits depending upon the class contact hours. A specified number of credits and CGPA are to be completed satisfactorily in order to qualify for a degree. The medium of instruction is English.

Programs Offered

UG Programs

The UG programs of study emphasize strong conceptual understanding and practical skills in their respective areas of specialization. All students are provided with a sound foundation in the basic sciences (Maths and Physics), coupled with courses in Humanities and Social Sciences.

The academic system lays great emphasis on continuous evaluation and transparency. By means of well designed tutorials and practicals, every effort is made to reinforce the concepts taught in the classroom. In the final year, major projects are assigned to students.

Industry internship after the 6th semester is an integral part of the academic program leading to the overall development of a student through exposure to practical skills in real life situations.

Education Methodology comprises multiple learning stages, specifically lectures, self-study, tutorials, lab work, assignments, projects, research, internships, guest lectures, seminars, continuous evaluation, examinations and personality development programs.

The undergraduate programs conducted at JIIT, Noida are as below:

(i) B.Tech (Biotechnology)

The Department offers a four year B. Tech Biotechnology Program. Students are offered core courses from biotechnology as well as from other engineering and basic science departments like electronics, computer science, physics and material science, mathematics and humanities and social sciences. A mix of such courses results in students with rounded personalities, proficient in core engineering as well as soft skills. B. Tech students are primed for research through rigorous training imparted via minor and major projects in the last 4-semesters of the B. Tech program, which often culminates in publications in journals.

(ii) B. Tech (Computer Science & Engineering)

This is the most popular and largest program of the institute. Through this program, the department trains students in all dimensions of computing- theory, systems, and applications. The revised curriculum has introduced a novel concept of flexi-core from fifth semester onwards. There are 3 such flexi-core courses. In addition, our highly flexible curriculum includes 16 slots for elective courses by different departments, starting from the 3rd semester itself. Core courses are in the area of programming, algorithms, architecture, operating systems, embedded systems, complier design, computational theory, networks. Two common first year courses cater to generic computing needs of all departments. The program offers the option of earning additional minor certificate in other areas.

(iii) B. Tech (Information Technology)

The curriculum marginally differs from B.Tech (CSE) curriculum. The curriculum of B.Tech (IT) places a higher emphasis on contemporary applications and technologies such as cloud computing, mobile computing, IoT, web technologies and data mining, etc. The program offers the option of earning additional minor certificate in other areas.

(iv) B.Tech (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 different areas of Electronics & Communication Engineering. Various Professional Development Courses offered to the students in the form of electives from Languages, Humanities, Social Sciences and Management aid in nurturing good professionals in their respective branch of specialization in these four years.

The salient features of the degree programs are:

- In depth knowledge of core courses,
- Inculcate analytical approach,
- Mix of hardware and software based experiments,
- Emphasis on project work and project based learning,
- Emphasis on learning through design and simulation,
- Open ended laboratory problems in Lab courses,

- Sufficient number of courses on Humanities and personality development,
- State- of - the - Art courses in the areas such as Mobile and Optical Communications, Telecommunications Networks, Signal Processing, Microelectronics, Digital System Design, and Embedded Systems.

Integrated M.Tech Programs

(i) 5 Year Integrated Program M. Tech (Biotechnology)

Integrated M. Tech Program students undertake additional specialized core and elective courses such as Biomolecules and Cell Communication, Nanobiotechnology, Regulatory Affairs, Drug Delivery, Genomics & Society, Biostatistics, Product Development in Biotechnology, Experimental models in Research and Molecular Diagnostics. Students have an option to undertake industrial project in the final semester or do in-house M. Tech Dissertation as a continuation of their B. Tech project work.

(ii) 5 Year Integrated Program M. Tech (Computer Science and Engineering)

Since 2008, the students are being admitted in this program. The program exposes the students to various areas of computer science engineering such as algorithms, computer systems, software engineering, machine learning, distributed systems, performance modelling, multimedia computing, etc., leading to an integrated B.Tech- M.Tech degree in computer science engineering. The program lays emphasis on student projects and research.

(iii) 5 Year Integrated Program M. Tech (Electronics and Communication Engineering)

The 5 year integrated program of Bachelor of Technology (B. Tech.) and Master of Technology (M. Tech.) has been started with effect from the year 2012. Curriculum has been carefully designed to meet the objectives of theoretical rigor and applications. In order to complete the required courses, students have to work on seminar and project course in the summer between VIII and IX semester.

Post Graduate Programs

JIIT has been successfully running M. Tech Programs in (i) Biotechnology, (ii) Electronics & Communication Engineering with specialization in Communication Systems, (iii) Electronics & Communication Engineering with specialization in Micro Electronics Systems & Embedded Technology, (iv) Computer Science and Engineering, (v) Information Technology and Entrepreneurship, (vi) Computer Science with Specialization in Information Security, (vii) Data Analytics, (viii) Computer Science and Engineering with specialization in Mobile Technology (ix) Materials Science and Engineering, (x) Applied and Computational Mathematics and (xi) MBA.

The objective of the M. Tech Programs is to prepare professionals with advanced knowledge of the respective field who can serve industry, R&D organizations and can take up an academic career, including further studies in a relevant Ph. D Program. The 2-year M. Tech Programs are spread over four semesters.

All M. Tech Programs are designed to cover core/compulsory as well as elective subjects to advance knowledge, ability and skills of the students in their chosen area. Students can take the desired electives from the set of subjects offered from time to time to enable them to cater to their interest and to specialize in a particular field. Dissertation is work spread over the last two semesters with fourth semester fully devoted to dissertation work only, which provides ample opportunity to the student to carry out intensive work on a chosen topic resulting in an innovative and research oriented output. Seminars are included in the Program to develop presentation skills in the students.

(i) M. Tech (Biotechnology)

The M. Tech program in Biotechnology is designed to generate trained manpower in biotechnology equipping them with knowledge and hands-on skills in cutting edge biotechnological areas as diverse as functional and evolutionary genomics, proteomics, drug target discovery, microbial biodiversity/bioremediation, bioprocess technology, nano-biotechnology, biosensors, product development in biotechnology, and regulations in the field of biotechnology. The class room lectures are supplemented with mandatory term paper/seminar and further strengthened by extensive exposure to hands-on skills through appropriately designed laboratory experiments, research projects and industrial training.

(ii) M.Tech (Electronics & Communication Engineering with specialization in Communication Systems)

This program covers a number of areas at advanced level like Mobile, Wireless, Optical, Computer Communication System, Digital Signal Processing, Spread Spectrum Communication, Information theory and MIMO and OFDM Systems. To facilitate the students, advanced communication systems lab has been setup in the field of modern RF and optical wireless communication systems.

(iii) M.Tech (Electronics & Communication Engineering with specialization in Micro Electronics Systems & Embedded Technology)

This program focuses on Microelectronics and MEMS Devices and Technology, VHDL based Digital Design, Analogue and Digital CMOS Design and Embedded Systems Design. Students make use of modern software and hardware tools and techniques to implement VLSI Design. A new lab facility "VLSI lab" has been created with up-to-date industry standard VLSI EDA tools, Mentor Graphics, Synopsys EDA Tool, and XILINX ISE Design Suite.

(iv) M. Tech (Computer Science & Engineering)

The curriculum provides advanced level training and exposure in contemporary and emerging areas. The core courses include Data Structures and Algorithms for Big Data, Machine Learning and Data Mining, Cloud and Web based Software Engineering, Performance Evaluation of Computing Systems, Open source focussed Project based Learning and several laboratories. In addition, the students can take 6 electives in various areas. Students' engagement in projects and research is a very important component of this program. The students also have the option of doing industrial project in their final semester.

(v) M. Tech (Information Technology and Entrepreneurship)

This two year program, started in 2014, is designed for graduates with good 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 provides a good blend of IT and entrepreneurship management courses like Design, Innovation and Incubation-I and II, Digital Business Marketing, Finance and Law for Digital Businesses, Small Enterprise Automation focussed Project based Learning and several laboratories. In addition 6 electives in various areas of computing and entrepreneurship are also included. Internships at IT start-ups and a mentored project to create a prototype and associated business model are hallmarks of this program.

(vi) M.Tech (Computer Science with Specialization in Information Security)

The main goal of this program is to provide students with a background, foundation and insight into the many dimensions of information security. This knowledge will serve as basis for further deeper study into selected areas of security and computing as a whole. The course will help the students to understand the need and importance of information security in our increasingly computer-driven world. The course aims for the students to master the key concepts of information security, their working and implementation. The curriculum is designed to develop a "security mindset": learn how to critically analyse situation of computer and network usage from a security perspective, identifying the salient issues, viewpoints, and trade-offs. The program provides high level training to the students which would help them to become information security professionals for the high-end jobs in security in the industry.

(vii) M.Tech (Data Analytics)

M.Tech (Data Analytics) is an interdisciplinary program designed to meet the huge manpower shortage in this area. This program develops 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. The core courses include Cloud based Big Data Systems-I and II, Machine Learning and Data Mining, Empirical Research and Performance Evaluation, Open Data Services focussed Project based Learning and several laboratories. Students are also offered several electives on theoretical, systemic, algorithmic, and applied aspects of data analytics and also the other areas computer science and engineering. Internship and an industrial project/dissertation are hallmarks of this program.

(viii) M.Tech (Computer Science and Engineering with specialization in Mobile Technology)

M.Tech. Program with specialization in Mobile Technology covers theory and practical concepts required for mobile-based services. The program focuses on developing hands-on skills pertaining to the latest and most popular platforms, e.g. Android, iOS , Windows Mobile, Symbian, etc. The course provides technical expertise in the fields of network architecture, device architecture, application development and testing, web application, software system analysis and design, platform specific application development, user interface designing, location based services, value added services, enterprise applications, security in computing, and stand-alone application development.

(ix) M. Tech (Materials Science and Engineering)

The M. Tech program is aimed to impart advance level training in the specialized and emerging areas of Materials Science and Engineering to fulfill the needs of industries and related R & D activities. The program provides strong foundation in the fundamentals of structures, properties, processing and characterization of materials and develops the ability and skill of students to design tailor made materials and fabricate devices for specific technological applications.

(x) M. Tech (Applied and Computational Mathematics)

Department of Mathematics offers its M. Tech. program in Applied and Computational Mathematics. It is a four semester PG Program which was started from the academic session 2008-2009. The primary objective of this program is to equip the students with advanced topics in applied mathematics, advanced computing methods, simulation and modelling so that they can efficiently deal with the problems faced by industry and other sectors through knowledge of mathematics and scientific computation. The curriculum and the course contents of the program are designed keeping in mind the interdisciplinary nature of the program. It provides a broad understanding of the different aspects of the pure and applied mathematics on one hand while their computer applications on the other. The courses cover a wide spectrum of topics including advanced linear algebra, functional analysis, applied numerical methods, operations research, wavelets and its applications, fractals and chaos, linear statistical models etc. An important component of the program is its computational science dissertation project work which is done by the student on any important and emerging topic.

(xi) The MBA Program

The two years full time MBA programme is the flagship programme of the business school. In the first year, the students are made familiar with the foundation courses in management as care (compulsory) courses. In the second year students are required to complete elective courses in functional and industrial domains, along with few core courses of integrative nature. In addition to these courses students are required to complete social and corporate internships and clear comprehensive viva-voce.

Doctoral Programs (PhD)

The award of the PhD degree by the University is in recognition of high academic achievements demonstrated by independent research and application of knowledge to the solution of technical and scientific problems. Creative and productive inquiry is the basic requirement underlying research work. They may also be required to take part in some advanced level course work. 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 in this program. The research work is expected to result in new findings contributing to the knowledge advancement in the chosen field. The doctoral research program of JIIT 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 the awarding of the Ph.D. degree.

(i) Electronics & Communication Engineering

The doctoral program leading to Ph. D. degree involves fulfilling specified course credit requirements, residential requirement and a thesis with critical account of the research work carried out in a chosen area. Some areas for research are: 5G Cellular Technologies, Communication Channel Modeling, Free Space Optical Communication Systems, Integrated Antennas, Cognitive Radio, Signal Denoising, Device Modeling, Digital Filter Design and Applications, Machine Learning/Deep Learning, Distributed Networks, Digital System Testing, Image Forensics, Big Data Analysis, Analog IC Design, VLSI-DSP Architecture, Semiconductor Memories, Embedded System Applications and Renewable Energy and Smart Grids.

(ii) Computer Science and Engineering

The Ph.D. programme offers research training in diversified areas of intelligent systems, machine learning, information retrieval, data mining, computer networks, distributed systems, wireless networks, information security, software engineering, information systems, multimedia computing, HCI, computer architecture, embedded systems, computing education, etc.

(iii) Biotechnology

The Department of Biotechnology admits students for PhDs in Biotechnology/Bioinformatics through entrance examination and a rigorous interview. Students are offered teaching assistantship during their PhD

tenure. The department offers research exposure to students in basic sciences as well as applied translational research under two major thrust areas - Plant and Molecular Biology Group and the Centre for Emerging Diseases. Specific research areas include but are not limited to Drug Discovery, Microbial Biotechnology, Natural Products Research, Plant and Molecular Biology, Bioinformatics, Systems Biology, Genetics and Genomics, Cardiovascular diseases, Viral Host Interactions, Structural biology, Nanobiotechnology, Biosensors, Novel Drug Delivery Systems, Bioprocess engineering and Food Biotechnology.

In addition to institutional support, extramural funding is generated from different funding agencies (DBT, DST, ICMR, AICTE and AYUSH) and industry partners to undertake cutting edge research in the various thrust areas.

(iv) Physics and Materials Science & Engineering

The PhD program of the department is focused majorly in the thrust areas of Advanced Materials and Devices, Photonics, Plasma and Quantum Computing. Specifically major research wok is going on in the field of Ferroelectric and Multiferroic Materials, Piezoelectric materials for MEMS applications, Molecular spectroscopy, Solid polymer electrolytes, batteries, Solar cells and LEDs, Materials for opto-chemical and fluorescence sensors, Molecular modeling and simulations of materials, Quantum dots, Metal-oxide nanostructures, Functional nanomaterials, Photonic crystals and devices, Optical fiber sensors, Surface Plasmon, Higher order non-classical states, Quantum cryptography, Quantum gates and circuits, Laser plasma interaction, and Tera-hertz radiation generation. Department has dedicated Materials synthesis and characterization laboratories equipped with teaching and research facilities for PG and PhD students.

(v) Mathematics

The Department offers doctoral research program in the areas; Wavelets and Approximation Theory; Numerical Analysis, Software Development, Computer Graphics & Animation; Information and Coding Theory; Functional Analysis and Fuzzy Topology; Fractals and Chaotic Dynamics; Operations Research and Statistics; Elasticity, Plasticity and Creep, MHD and CFD; Seismology.

(vi) Management

JBS offers Ph.D programme in all functional areas of management. Admission to the Programme is through qualifying either NET / SLET / UGC / CSIR (JRF) or the admission test conducted by the university. Preference is given to the candidates who are willing to register full time, however limited number of candidates may be admitted on part time basis. Full time scholars are paid a monthly stipend.

Each student registered for PhD is assigned a PhD supervisor from amongst the faculty member by respective Department Heads or Director of School, and in addition is also provided with a two member Doctoral Progress Monitoring and Advisory Committee (DPMAC). The programme is quite rigorous as the scholars are expected to undertake stipulated course work and present their progress every 6 months in the Review Seminar before the DPMAC. The scholars are required to take up intensive research work under the guidance of a supervisor on a specific topic for a minimum period as specified in the Ph.D. Program Ordinance. Scholars are expected to secure a minimum of B+ grade in following compulsory courses offered in a trimester mode. Besides these compulsory courses DPMAC may recommend elective courses deemed necessary.

- Advanced Research Methodology
- Literature Survey & Seminar
- Ethics, Intellectual Property Issues and Plagiarism
- Quantitative Techniques & Software Applications
- Survey Development & Analysis

In this academic year total numbers of Ph.D. scholars were 38 out of which 8 scholars completed their thesis requirements for the award of Ph.D. degree.

(vii) Humanities & Social Sciences

The Department offers Ph.D. programme in Economics, English, Psychology, Sociology, and other disciplines with an emphasis on inter-disciplinary topics. The Ph. D admissions are done twice every year. The students are required to do course work in their respective subjects. For the fulfilment of its teaching and research goals, the Department has competent faculty members with a high degree of excellence who keep pace with the current developments in their fields of specialization.

ACADEMIC DEPARTMENTS

All teaching & research programs at the University are carried out through the following departments:

Department of Computer Science & Engineering and Information Technology (CSE/IT)

The Department of Computer Science & Engineering and Information Technology is a lively and invigorating academic centre for higher education, research, and innovation in key areas of computing. Major strengths of the department include: large and well diversified faculty, large number of well diversified courses, high emphasis on learning by doing, very strong alumni network and active engagement in research activity. The vision of the department is to be a centre of excellence that provides high quality education to develop future leaders in all aspects of computing, contributes practically relevant and cutting edge research, and catalyzes IT entrepreneurship. The driving mission for the department is to:

- Conduct high quality education and research in scientific, technological, engineering, mathematical, entrepreneurial, human, educational, and interdisciplinary aspects of computing.
- Graduate world-class computing professionals at the bachelor's, master's, and doctoral levels with imagination and competence to identify and solve significant problems in industry and society through leadership and innovation.
- Engage in academic leadership activities such as development of academic and computational resources and organization of faculty development programs, conferences, workshops, etc.
- Collaborate with industry, government, and community to stimulate entrepreneurship and sustainable development through innovative IT solutions.

The department attracts talented students and faculty from all over India. The main endeavour of the department is develop students' technical competence as well as creative and critical thinking ability. The department provides the students with a platform to develop insight to face real life challenges and to come out with innovative technical solutions. The students are trained in theoretical, systemic, as well as applied aspects of contemporary computing. They are frequently evaluated with multiple assignments, hands on exercises, mini projects, surprise tests, group activities and presentations as they progress through the different programs in the department. The department uses a diversified set of pedagogical approaches that includes interactive lectures, case studies, group discussions, etc.

The faculty team consists of more than ninety well qualified and experienced members to facilitate high standard of teaching, learning and evaluation process. These faculty members are also involved in research work attaining research publications in reputed international conferences and journals. The department has active collaboration with University of Florida, Gainesville, USA.

Course Curriculum is continuously improvised by taking inputs from industry experts and eminent academicians

and also keeping in mind the upcoming trends. Weekly practical assignments are given to students. Through various active learning experiences in laboratories, students gain more insights into the field of study, develop ability to apply their knowledge to a greater extent, exhibit a greater level of understanding of course material and sharpen their problem solving skills. A lot of emphasis is given to the projects in the curriculum. Students work on various well diversified fields of computer science & engineering and information technology - image processing, artificial intelligence, cloud computing, information security, digital forensics, mobile computing, distributed system, computer network, software engineering, web applications, data mining, etc. Many students also publish papers based on their projects in collaboration with the faculty. Senior students are encouraged to mentor their juniors in lab and project work. All graduates find excellent placements in industry. Many students choose to continue their higher studies at world's top universities. A few students also take up the challenge to set up their own IT start-ups. Many members of our alumni also provide their support by delivering guest lectures, feedback on curriculum, and also mentoring and personal guidance to students.

The department's research engagements include traditional as well as emerging concerns. With more than ninety faculty members including thirty seven with PhD, our faculty strength has been leveraged to ensure that the department is not skewed towards only a few research areas. At present, the research activities of the department investigate the theoretical, systemic, applied, and educational aspects mainly related to the following thrust areas of computing: Artificial Intelligence, Data Science, Cloud Computing, Information and Cyber Security, Pervasive Computing and Internet of Things, Multimedia computing and Software Engineering and Information Systems. Research engagement in these areas has resulted in publication of hundreds of research papers and completion of hundreds of master's and doctoral theses as well as thousands of student projects in diverse areas.

The research in these broad thrust areas is also supplemented by the activities of the two research centres. Both these centres contribute to our research design as well as course design in all areas of computing. It is planned to redesign the learning outcomes and pedagogy for our courses in view of the insights gained out of these centre's activities.

The Centre for Performance Modelling of Computing Systems aims to help improve the rigour and methods of our research in all areas of computing. This centre provides opportunities to share and further develop the performance assessment methods, metrics, datasets, benchmarks, tools, workbenches, and modelling techniques across different computing areas. A multi-faculty research project to build a Corpus of Performance Assessment of Computing Systems (COPACS) has been initiated under this centre.

Prayag, a Centre for Knowledge Informatics for Sustainable Development—works towards contextualising it in the broader societal context and contemporary concerns. This centre encourages the faculty and students to align their research concerns with the UN defined Sustainable Development Goals and targets related to environment, health care, education, heritage, rural development, and other such issues. A multi-faculty research project to build a Corpus of Resources and Engagements for Deep and Effective Learning (CREDEL) has been initiated under this centre. It is planned to redefine the learning outcomes of our courses in view of the insights gained out of this centre's activities.

➢ Facilities including labs

CSE and IT department labs have more than 700 nodes and state of the art IT-infrastructure. These nodes are running on the Windows 2000/Windows XP/Linux platform and are equipped with state of art software. The hardware devices and software are used for both teaching as well as research activities. The department provides adequate hardware facility for building microcontroller based systems and for doing projects in the areas of robotics, augmented reality and human computer interactions as well, at both the campuses. The labs are also equipped with a variety of Multimedia devices and software to provide support for Multimedia based 3D and Image Processing Projects.

Some of the important equipment present in the labs includes Arduino Duemilanove development board (with 8-bit ATmega168) with various sensors, actuator and Communication aids (Bluetooth, Ethernet, Serial, Wi-Fi and Wireless using Zigbee) to carry out research in the area of Automation. We are also equipped with Audio (Piezo Vibration, tone generation and voice synthesis), Visual (LED, Camera and LCD), Touch (Capacitive Sensing, Resistive Sensing), Environmental sensors (Humidity, Temperature, Gas sensors), Light Sensors (IR and LDR),

Location (GPS), Motion (3 Axis Accelero Meter), RFID tag readers, Actuators like motors (Full rotation and Half rotation servo motors), KEIL Development Tools (ESA MCB x51, ESA MCB 2100 & KEIL Software), Microsoft Kinect device, and EMOTIVE EPOC EEG NeuroHeadset with Education Edition SDK kit. Use of open source software is highly encouraged for teaching and research. For example, NS2 simulator is used for research in the field of wired as well as wireless computer networks, routing algorithms, protocols, performance evaluations etc. We also have tools like Mathematica 5.2, etc.

➢ Faculty activities

Participation by Department faculty in seminars, symposiums, conferences at national and international:

1. 30 faculty members attended FDP on "Research, Innovation, and Engineering in Computer Science: Issues and Approaches", 18th to 23rd July 2016.

2. 60 faculty members attended International Conference on Contemporary Computing, Jaypee Institute of Information Technology, Noida, August 11-13, 2016.

3. 40 faculty members attended National Workshop on "Big Data Analytics and Visualization", 05th to 07th Sept 17.

4. 10 faculty members attended talk on "Use of modern Nature-Inspired Optimization Techniques to solve real-life problems", Prof. Kusum Deep, Professor of Mathematics, Indian Institute of Technology Roorkee on September 20, 2016 at JIIT 62, Noida.

5. Shikha Mehta attended workshop on "International Research Workshop on Cloud Computing" organized by School of Computer and Systems Sciences, 22-23 December, 2016, JNU New Campus, New Delhi.

6. Parmeet Kaur attended workshop on "International Research Workshop on Cloud Computing" organized by School of Computer and Systems Sciences, 22-23 December, 2016, JNU New Campus, New Delhi.

7. Parul Agarwal attended 2 days workshop on "Hybrid Soft Computing and Data Analytics" from Jan 10-11, 2017 organized by Department of Computer Science at South Asian University, New Delhi.

8. 50 faculty members attended talk on "Interactive Teaching" Prof. Sanjay Goel, on Jan 14, 2017, at JIIT 62, Noida.

9. Sakshi Agarwal attended workshop on " Nature Inspired Optimization Techniques" in collaboration with Soft Computing Research Society, 21st January, 2017, Manav Rachna International University, Faridabad

10. 40 faculty members attended National Workshop on "Wireless Sensor Networks and its Applications", 16th to 18th March 17.

11. 20 faculty members attended Short term course on "Multimedia Tools and Its Utilities", 27th to 31st March 17.

12. 25 faculty members attended talk on "Machine Learning: Current, state of the art and Futuristic Role in Big Data, Prof. Madan Gopal, Director, Shiv Nadar University, on April 25, 2017 at JIIT 62, Noida.

13. 32 faculty members attended FDP on Information Systems and Frontiers (ISF 2017) from 5-10 June 2017.

Delivered Talks by Faculty of Deptt of CSE & IT:

1. 1. Dr. Satish Chandra delivered talk on "Meta- Heuristic Computing" in FDP on "Research, Innovation, and Engineering in Computer Science: Issues and Approaches" held at JIIT, Noida from July 18-23 2016.
2. Dr. Chetna Gupta delivered talk on "Requirement Prioritization" in FDP on "Research, Innovation, and Engineering in Computer Science: Issues and Approaches" held at JIIT, Noida from July 18-23 2016.
3. Dr. Dharamveer Rajpoot delivered talk on "Multi-Objective Optimizations using Evolutionary Computing" in

FDP on “Research, Innovation, and Engineering in Computer Science: Issues and Approaches” held at JIIT, Noida from July 18-23 2016.

4. Dr. Anuja Arora delivered talk on “Social Networks” in FDP on “Research, Innovation, and Engineering in Computer Science: Issues and Approaches” held at JIIT, Noida from July 18-23 2016.
5. Dr. Bharat Gupta delivered talk on “Data Management in Distributed Computing Infrastructure” in FDP on “Research, Innovation, and Engineering in Computer Science: Issues and Approaches” held at JIIT, Noida from July 18-23 2016.
6. Dr. Gagandeep Kaur delivered talk on “Cyber Security” in FDP on “Research, Innovation, and Engineering in Computer Science: Issues and Approaches” held at JIIT, Noida from July 18-23 2016.
7. Dr. Chetna Dabas delivered talk on “Computer Architecture” in FDP on “Research, Innovation, and Engineering in Computer Science: Issues and Approaches” held at JIIT, Noida from July 18-23 2016.
8. Dr. Shikha Mehta delivered talk on “Data Mining and Big Data” in FDP on “Research, Innovation, and Engineering in Computer Science: Issues and Approaches” held at JIIT, Noida from July 18-23 2016.
9. Ms. Ankita Wadhwa and Aayushee Gupta delivered talk on “Learning Technologies” in FDP on “Research, Innovation, and Engineering in Computer Science: Issues and Approaches” held at JIIT, Noida from July 18-23 2016.
10. Mr. Prashant Kaushik delivered talk on “Web Applications” in FDP on “Research, Innovation, and Engineering in Computer Science: Issues and Approaches” held at JIIT, Noida from July 18-23 2016.
11. Dr. Sangeeta Mittal delivered talk on “Research Trends in Computer Networks (Wired and Wireless)” in FDP on “Research, Innovation, and Engineering in Computer Science: Issues and Approaches” held at JIIT, Noida from July 18-23 2016.
12. Dr. Sandeep K. Singh delivered talk on “Personalized Learning” in FDP on “Research, Innovation, and Engineering in Computer Science: Issues and Approaches” held at JIIT, Noida from July 18-23 2016.
13. Dr. Suma Dawn delivered talk on “ Animations, Computer Games & Virtual World: Issues and Approaches” in FDP on “Research, Innovation, and Engineering in Computer Science: Issues and Approaches” held at JIIT, Noida from July 18-23 2016.
14. Mukesh Saraswat delivered an Expert Lecture on “MATLAB: Tool for Research”, at Department of Computer Science Engineering, University College of Engineering, Rajasthan Technical University, Kota, India, 27 September, 2016.
15. Mr. Pulkit Mehndiratta delivered a talk on the “Introduction to Machine Learning and Big Data Analytics” at GL Bajaj Institute of Technology in October 2016.
16. Mr. Pulkit Mehndiratta delivered a talk on the “Big Data Analytics via Python” in Faculty Development Program on Data Analytics and Research at Bhartiya Vidhya Peeth College of Engineering in November 2016.
17. Mr. Santosh Kumar Verma delivered lectures on “8086/8255 microprocessor with hands on practice” in expert lecture organized by Department of ECE, Sanskar Engineering College, Ghaziabad on 18th to 21st November 2016.
18. Prof. Sanjay Goel delivered a session on “Interactive Teaching” on Jan 14, 2017, at JIIT 62, Noida. This was attended by most faculty members of all the departments.
19. Mukesh Saraswat delivered an invited talk on “Image Segmentation and Image Compression”, TEQIP-II Sponsored Workshop on “Recent Trends in Digital Image Processing & Computer Vision” at Department of Computer Science Engineering, University College of Engineering, Rajasthan Technical University, Kota, India, 18-22 January, 2017.
20. Mukesh Saraswat delivered an invited talk on “Introduction to MATLAB”, National Workshop on “LATEX and MATLAB: Indispensable Tools for Research” at Department of Engineering and Technology, Jagan Nath University, Jaipur, India, February 06-10, 2017.

21. Mr. Raju Pal delivered lecture on “Genetic Algorithm : implementation and application perspective” and “Comparison of GA and DE on various benchmark functions” in Dept. of CSE at Bharti Vidhyapeeth college of Engineering, New Delhi on 21st April, 2017.
22. Mr. Himanshu Mittal delivered lecture on “Genetic Algorithm: implementation and application perspective” and “Comparison of GA and DE on various benchmark functions” in Dept. of CSE at Bharti Vidhyapeeth college of Engineering, New Delhi on 21st April, 2017.
23. Mr. Gaurav Saxena delivered lecture on “Digital Philosophy and Its Impact on Society” in FDP on Information System frontiers held at JIIT Sec-128 Campus from 5 -10 June, 2017.
24. Dr. Parmeet Kaur delivered lecture on “NoSQL for Big Databases” during FDP on Information System frontiers held at JIIT Sec-128 Campus from 5 -10 June, 2017.
25. Prof. Krishna Asawa delivered lecture on “Cognitive Informatics” during FDP on Information System frontiers held at JIIT Sec-128 Campus from 5 -10 June, 2017.
26. Dr Shelly Sachdeva delivered lecture on “Health Care Informatics” during FDP on Information System frontiers held at JIIT Sec-128 Campus from 5 -10 June, 2017
27. Dr. Sangeeta Mittal delivered lecture on “Sensor fusion for Ubiquitous Information Systems” during FDP on Information System frontiers held at JIIT Sec-128 Campus from 5 -10 June, 2017.
28. Dr. Mukesh Saraswat delivered lecture on “Deep Learning” during FDP on Information System frontiers held at JIIT Sec-128 Campus from 5 -10 June, 2017.
29. Dr. Mukta Goel delivered lecture on “E-learning” during FDP on Information System frontiers held at JIIT Sec-128 Campus from 5 -10 June, 2017
30. Mr. Pulkit Mehndiratta delivered lecture on “Predictive Analysis through R language” during FDP on Information System frontiers held at JIIT Sec-128 Campus from 5 -10 June, 2017
31. Dr. Shikha Mehta delivered lecture on “Frontiers in Streaming Data Analytics” during FDP on Information System frontiers held at JIIT Sec-128 Campus from 5 -10 June, 2017
32. Mr. Shariq Murtuza delivered lecture on “Cloud Storage Architecture” during FDP on Information System frontiers held at JIIT Sec-128 Campus from 5 -10 June, 2017
33. Dr. K. Rajlakshmi delivered lecture on “Role of Mobile Computing Systems in Information Era” during FDP on Information System frontiers held at JIIT Sec-128 Campus from 5 -10 June, 2017
34. Mr. Sanjeev Patel delivered lecture on “Performance Evaluation Methodology to Computing Systems” during FDP on Information System frontiers held at JIIT Sec-128 Campus from 5 -10 June, 2017

Departmental initiatives in the JIIT Campus to include guest speakers, seminars, talks, workshops and conferences conducted in the departments.

1. FDP on “Research, Innovation, and Engineering in Computer Science: Issues and Approaches”, 18th to 23rd July2016, 30+ participants
2. 9th International Conference on Contemporary Computing (IC3-2016) from 11-13 Aug 2016

   Funding Agencies: JIIT

   Outstanding Participants: **Timothy A. Gonsalves,** IIT Mandi, India, **P.J Narayanan,** IIIT Hyderabad,India, **T.V. Prabhakar,** IIT Kanpur, India, **Manish Parashar,** Rutgers University,USA , **Sanjay Ranka**, University of Florida, Gainesville, USA
3. National Workshop on Big Data Analytics and Visualization from 5-7 September 2017

   JIIT Funding Agencies: JIIT

   Outstanding Participants: **Dr. T.V. Vijay Kumar,** Department of Computer Science and Engineering, JNU, Delhi, **Dr Anil Kumar,** School of Management (SOM), BML Munjal University, Gurgaon, **Dr. Prabina Kumar Meher**, Scientist, Division of Statistical Genetics, Indian Agricultural Statistics Research Institute, New Delhi, **Mr. Rishi**

Beri, Solution Architect (Presales), Qlik Company, **Mr. Sumit Sharma,** Data Science Engineer, WNS Global Services Pvt. Ltd

4. National Workshop on Wireless Sensor Networks and Its Applications from 16-18 March 2017

   JIIT Funding Agencies: JIIT Outstanding Participants: **Dr. Anil Rose,** Associate Professor, CCET,Chandigarh, **Mr. Shashi Bhushan Sharma,** Associate Professor, IGNOU, New Delhi

5. Short term course on "Multimedia Tools and Its Utilities", 27th to 31st March 17, 20+ participants.

6. Workshop on IoT from 19- 20 April-2017Funding Agencies: JIIT Outstanding Participants: **Mr. Amit Bhandari,** CETPA Infotech

7. FDP on Information Systems and Frontiers (ISF 2017) from 5-10 June 2017.

Student Enrichment Programmes

Department has several technical hubs that organize special lectures/workshops and seminars on regular basis. The main hubs working in department for student's enrichment are: (a) Knuth – The Programming Hub (b) Microcontroller Based System and Robotics Hub (uCR) (c) Multimedia Development (d) Graphic Design and Animation. Details of student enrichment programmes conducted are given:

S.No.	Special lectures/workshops/ seminar involving students	No of Participants	Dates
1	"Develop your own Flipkart" with GDG	100	26/07/2016 to 01/08/2016
2	Introductory Orientation	300-350	5th August 2016
3	PCB Workshop	180-200	22nd to 27th August
4	Web Development Workshop	150	26/08/2016
5	Applied CS with Android	50	29/08/2016
6	Web crawling and scraping	150	28/08/2016-29/08/2016
7	Project Mentorship project	130	16/09/2016
8	Manual Workshop	300-350	19th to 29th Sep 2016
9	Manual Event (DRAGONOVOLTZ)	280-300	6th to 7th Oct 2016
10	C with Graphics	100	6/10/2016
11	COA project Workshop	100-150	13th to 15th Oct 2016
14	Tech talk	70	18/11/2016
16	Weekend hack	130	20/11/2016
17	ANDROID 17.1	120	18/01/2017 to 19/01/2017
18	AUTONOMOUS WORKSHOP	350-400	18-24 JANUARY 2017
19	IMPRESSION EVENTS 1) Carcerbrot 2) Magna Basileus 3) Monroe Maze 4) Chakravyuh	500	25-26 JANUARY 2017
20	Android 17.2	100	30/01/2017
21	Google about Google	90	05/02/2017
22	Cyber Srishti -Automated Robotics Challenge	150	20-21 March 2017
23	Web crawling and scraping using Python	200	25/03/2017
24	Workshop on Android Application Development	180	17/04/2017
25	Techmaker's Meetup	90	26/04/2017

"Cyber Srishti 2017 - A Two Day Technical Festival" was conducted on 22nd, 23rd April 2017. It was a two day tech-fest in which several technical events had been organised by various Technical Hubs. The chief guest of Cyber Srishti 2017 was Abhay Kumar Vaish. He is chief technology officer & head of Network Engineering, Ericsson, India Global Services.

These events majorly include: Project Exhibition, Hackathon – Open Source, Hackathon – Games, Execute 17.1, Automated Robotics Challenge, Circuit Mania, Code Simulate Debug, Code of Codons, Hydrophilic 2.0, Paper Presentation, Start-up Weekend & Invited Talk, Socio Technical Debate, Jaypee Premier League, Creative Design, Blind Coding, Treasure Hunt, Fastest Finger, etc. Around 2500 participations had been observed in different rounds of various events.

Another highlight of the fest was invited talks. Ms. Shuchi Aggarwal, Chief Design Officer at e2logy delivered the talk on "Full service applications development". Mr. Saswata Shankar De, Lead Supply and Operations at Squadrun talked about "Own Startup First Meal". Also, Ms. Divya Gupta, CEO of Udgam throwed light on "Seed Investments". Mr. Srikanth C, Assistant Vice President, Insurance Practice, Cognizant Technology Solutions, Chennai also enriched the audience with an expert lecture.

Visit of various dignitaries to the departments:

1. **Prof. Dheeraj Sanghi,** Dean IIIT Delhi (former Dean IIT Kanpur) delivered a talk "On Improving CS research quality in Indian context" on July 18, 2016 at JIIT 62, Noida during FDP on "Research, Innovation, and Engineering in Computer Science: Issues and Approaches".
2. **Mr. Arvind Jha,** Founder, Pariksha Labs (Former Director (Engg), Adobe) delivered a talk on " Disrupting The Newspaper ", on July 19, 2016 at JIIT 62, Noida during FDP on "Research, Innovation, and Engineering in Computer Science: Issues and Approaches"
3. **Mr. Mukul Jain,** Founder & CEO, MTree (Former COO Global Logic) delivered talk " Computing Science Education: An Industry Perspective ", on July 21, 2016 at JIIT 62, Noida during FDP on "Research, Innovation, and Engineering in Computer Science: Issues and Approaches"
4. **Mr. Subhash Verma,** MD and VP (Engg), Agnity India, delivered talk on " Disruptive Trends in Telecommunication Technology "on July 21, 2016 at JIIT 62, Noida FDP on "Research, Innovation, and Engineering in Computer Science: Issues and Approaches"
5. **Mr. Anoop G Prabhu,** Co-founder Vehant Technologies, delivered talk on " System Engineering and Product Development: Myths and Strategies ", on July 22, 2016 at JIIT 62, Noida during FDP on "Research, Innovation, and Engineering in Computer Science: Issues and Approaches"
6. **Dr. Naveen Kumar,** of Delhi University, delivered talk "On Research Methodological Aspects", on July 22, 2016 at JIIT 62, Noida during FDP on "Research, Innovation, and Engineering in Computer Science: Issues and Approaches"
7. **Mr. Devesh Bhatnagar,** Entrepreneur (Former Head Global Development Centre of Landis + Gyr; Former Head, Design Centre, Alcatel), delivered talk "On Engineering and product development Aspects", on July 23, 2016 at JIIT 62, Noida during FDP on "Research, Innovation, and Engineering in Computer Science: Issues and Approaches"
8. **Prof. Timothy A. Gonsalves** Director, IIT Mandi delivered a keynote talk on "Cloud Computing for India" during International Conference of Contemporary Computing, August 11, 2016
9. **Prof. PJ Narayanan** Director IIIT Hyderabad delivered a keynote talk on "Non-Invasive 3D Capture: Some Thoughts" during International Conference of Contemporary Computing, August 11, 2016
10. **Prof. T.V.Prabhakar** Director, IIT Kanpur delivered a keynote talk on "Software Architectural Aspects of Contemporary Platforms" during International Conference of Contemporary Computing, August 11, 2016
11. **Prof. Manish Parashar** IEEE Fellow, Rutgers University USA delivered a keynote talk on "Big Data Challenges in Simulation-based Science" during International Conference of Contemporary Computing, August 12, 2016.

12. **Prof. Sanjay Ranka** IEEE Fellow University of Florida, Gainesville, USA delivered a keynote talk on "High Performance Computing and Data Science for Large Scale Spatiotemporal Applications" during International Conference of Contemporary Computing, August 13, 2016

13. **Dr. T V Vijay Kumar** from JNU, New Delhi delivered a talk on "Data Analytics to Big Data Analytics", on 5 September 16 at JIIT 62, Noida

14. **Dr. Anil Kumar** of Munjal University delivered a talk on "Role of Business Statistics", on 6 September 16 at JIIT 62, Noida

15. **Dr. Prabina Kumar** Meher of Indian Agricultural Statistics Research Institute, delivered talk on "Predictive Modelling using R", on 6 September 16 at JIIT 62, Noida

16. **Mr. Sumit Sharma** of WNS Global Services Pvt Ltd, delivered lecture on "Introduction to Hadoop", on 7 September 16 at JIIT 62, Noida.

17. **Mr. Rishi Beri** of QlikView Software delivered a lecture on "Business Intelligence trends towards Self Service Virtualization", on 7 September 16 at JIIT 62, Noida

18. **Dr. Sahil N Mathur** delivered a lecture on "Cognitive computing - artificial intelligence v2.0", on 13 January 17 at JIIT 62, Noida

19. **Dr. J K Sharma,** Head-Customer Relationships Management at Jagsonpal Pharmaceuticals Limited, New Delhi, delivered a talk on "Indian Spirituality for Meaningful Organizational Performance: A Holistic Model" on 4th Feb, 2017

20. **Mr. Baljit Singh Bedi,** Head, Medical Electronics and Telemedicine, GoI delivered a lecture on "Information and Communication Technology in Healthcare", on 1 March 17 at JIIT 62, Noida

21. **Mrs. Avnika Agarwal** Entrepreneur (Owner) of the-learners.com, delivered a lecture on "SAP - Overview", on 3 March 17 at JIIT 62, Noida.

22. **Mr. Saurabh Kumar Singh**, Advocate, Delhi High Court, New Delhi, delivered a talk on "Careers in Cyber Law" on 4th March, 2017

23. **Dr. Anil Rose** , Associate Professor at Chandigarh College of Engineering and Technology, Chandigarh, delivered a talk on "Localization in Wireless Sensor Networks", on 18, March 17 at JIIT 62, Noida

24. **Mr. Shashi Bhushan Sharma,** Associate Professor, IGNOU, delivered lecture on "Research Challenges in Wireless Sensor Networks", on 18 March 17 at JIIT 62, Noida

25. **Prof. Madan Gopal,** Director, Shiv Nadar University, delivered a talk on "Machine Learning: Current, state of the art and Futuristic Role in Big Data, on April 25, 2017 at JIIT 62, Noida.

26. **Dr. Subhash Bhalla,** Professor, Aizu University, Japan delivered a talk on "Exploring Scientific Data Set Archives", on 5 June 17 at JIIT 128, Noida

27. **Dr. Sayan Ranu,** Assistant Professor, IIT Delhi delivered a talk on "Trajectory Analytics" " in FDP on Information System frontiers held at JIIT Sec-128 Campus from 5 -10 June, 2017.

28. **Dr. Arun Balaji** Assistant Professor, IIIT Delhi delivered a talk on "Information Assurance for Smart World Environments" in FDP on Information System frontiers held at JIIT Sec-128 Campus from 5 -10 June, 2017.

Any other achievements

- CSE/IT Faculty published 68 Scopus indexed and 9 Web of Science indexed papers during last year with total citation count of last 4 years (Google scholar) going upto 1437. Some of our research has been cited by the researchers at world's top 100 universities, e.g., MIT, University of Oxford, Purdue University, Tsinghua University, University of Maryland, Dartmouth College, etc.
- 9 PhDs were completed during last year.
- 7 faculty members completed their PhD during last year.

- Mukesh Saraswat obtained funds of approx. 30 Lakhs in March, 2017 for a sponsored project from SCIENCE & ENGINEERING RESEARCH BOARD (SERB), DST titled Design and Development of a Cognitive System for Leukocytes Identification in Hematoxylin and Eosin (H & E) Stained Rat Skin Images, with CO-PI from RTU, Kota.
- Our faculty members contributed as PhD examiners at IIIT Hyderabad, Anna University, etc.

Honors and awards received during the year

S.NO	NAME OF EVENT	WINNERS	POSITION	COLLEGE
1	ROBOSYNDROME	ARCHIT GARG, HARSH KUMAR SINGH, NIDHI JAIN, RASHI PODDAR	1st PLACE	PEC, CHANDIGARH
2	CATCH 'EM ALL	ARCHIT GARG, HARSH KUMAR SINGH, SAURAV VERMA, RASHI PODDAR	2nd PLACE	PEC, CHANDIGARH
3	ROBORACE	SHUBHAM AGGARWAL, SHUBHAM GOYAL, KARTIK BHARDWAJ, TUHSAR	1st PLACE	NORTHERN INDIA ENGG COLLEGE
4	ROBOCON	ARCHIT GARG, HARSH KUMAR SINGH,SAURAV VERMA	1st PLACE	IIIT - DELHI
5	LINE FOLLOWER	ARCHIT GARG, HARSH KUMAR SINGH, KARAN GUPTA, AYUSH SHUKLA	3rd PLACE	SHIV NADAR UNIVERSITY
6	DEATH RACE	SHREY BATRA, AYUSHI JAIN	3rd PLACE	SHIV NADAR UNIVERSITY
7	E YANTRA	VINAYAK TRIPATHI, MANISH SACHAN, ADITYA BANSAL, MOHIT MITTAL	QUALIFIED	IIT BOMBAY
8	E YANTRA	ADITYA AMBIKESH,MUDIT BARANWAL,SANCHAY SHRIVASTVA,SHREY GUPTA	QUALIFIED	IIT BOMBAY
9	ROBOSOCCER	OJASVI SAXENA, AKSHIT GUPTA	3rd PLACE	IIITM - GWALIOR
10	ROBORACE	ARCHIT GARG, HARSH KUMAR SINGH, KARAN GUPTA, MIHIR PURWAR	2nd PLACE	IGDTU
11	CYBORGSAP	VIVEK SINGH, AKSHAY ANAND, SHUBHAM JAIN, AMBRISH SEKHRI, MANISH SACHAN	1st PLACE	COGNIZANCE (IIT ROORKEE) - ABES
12	CYBORGSAP	MAYANK, TANMAY SRIVASTAVA, RAHUL KUMAR, SHASHANK SINGH BISEN	2nd PLACE	COGNIZANCE (IIT ROORKEE) - ABES
13	CYBORGSAP	PANKAJ GARG	3rd PLACE	COGNIZANCE (IIT ROORKEE) - ABES
14	LINE FOLLOWER	HARSH TYAGI, JATIN ASSUDANEY, ASHISH SINGHAL, SUDARSHAN GOPAL	1st PLACE	KIET - GHAZIABAD
15	LINE FOLLOWER	ARCHIT GARG, HARSH KUMAR SINGH,SAURAV VERMA, GAURAV GARG	2nd PLACE	KIET - GHAZIABAD
16	LINE FOLLOWER	AKSHIT GUPTA, NIKIT JAIN, OJASVI SAXENA, SATYAM SAXENA	3rd PLACE	KIET - GHAZIABAD
17	ROBO TRANSPORTER	AKSHIT GUPTA, NIKIT JAIN, OJASVI SAXENA, SATYAM SAXENA	2nd PLACE	KIET - GHAZIABAD

Department of Electronics & Communication Engineering (ECE)

The department of Electronics & Communication Engineering offers a 4-year B. Tech. degree program in Electronics & Communication Engineering and two M. Tech. degree programs each of two years duration with specialization in Microelectronics and Embedded Technology (MET) and Communication Systems (CS). Both B.Tech and M.Tech degree courses were started in the year 2002. The Electronics and Communication Engineering Department is also running a 5 year duration Integrated M.Tech degree program [B. Tech. + M. Tech.] and Ph.D. degree program in key areas of current technological importance.

The department is having a team of highly motivated and experienced faculty with a rich experience in teaching and research. The department has at present faculty strength of 63 which includes 4 Professors, 2 Associate Professors and 57 Assistant Professors. Most of the faculty members have completed their Ph.D degrees/masters degree from IIT's, IIIT's and other reputed universities. Many faculty members are making substantial contribution in their areas of research. Their areas of interest include 4G& 5G Cellular Technologies, Communication Channel Modeling, Free Space Optical Communication, Integrated Antennas, Cognitive Radio, Deep Learning/Machine Learning, Signal Denoising, Device Modeling, Digital Filter Design and Applications, Digital System Testing, Image Forensics, Big Data, Analog IC Design, VLSI-DSP Architecture, Semiconductor Memories, Embedded System Applications and Renewable Energy and Smart Grid etc.

B.Tech and M.Tech curriculum has been recently revised considering the advancements and industry needs. The department also offers many elective courses to help the students gain knowledge in interdisciplinary areas and to also enhance their employability in industry. In addition, the department regularly conducts a series of Workshops and Faculty Development Programs to keep the faculty and students updated with recent trends in electronics and communication engineering.

The salient features of the degree programs are:

- In depth knowledge of core courses,
- Inculcate analytical approach,
- Mix of hardware and software based experiments,
- Emphasis on project work and project based learning,
- Emphasis on learning through design and simulation,
- Open ended laboratory problems,
- Sufficient number of courses on humanities and personality development,
- State-of-the-Art courses in the areas such as Mobile and Optical Communications, Telecommunications Networks, Signal Processing, Microelectronics, Digital System Design, MEMS and Embedded Systems.

A key feature of the program is its balanced core and flexible elective structure. The curriculum is designed to provide a good foundation and development of an all-round engineering outlook. The doctoral program leading to Ph. D. degree involves fulfilling specified course credit requirements and a thesis with critical account of the research work carried out in the chosen area.

➢ Facilities Including Labs

The ECE program provides students with broad-based fundamental knowledge to enable them to go further in any of their chosen field, and also to allow them to specialize in rapidly developing new technologies. Laboratory work is given utmost importance in the department. All the laboratories are equipped with sufficient instruments and software tools to enable the students to perform design oriented experiments and test their designs by computer simulations. Different laboratories set up by the department are:

- Basic Electronics Lab -1
- Basic Electronics Lab -2
- Electronic Devices Lab
- Electrical Machines & Instruments Lab
- Communication System Lab
- Advance Communication System lab
- Embedded System Lab
- M Tech Project Lab
- B Tech Project Lab
- PG Lab – 2
- PG Lab -1
- Lithography Lab
- Advance Research Lab
- Signal Processing Lab

The Advanced Research Laboratory has been setup early in the year 2016 for conducting work in the area of Distributed Processing, Big Data Analytics and Deep Learning/Machine Learning. Work is going on for development of Hadoop based framework for image super resolution which exploits computational and storage efficiency of cloud. Students are working on the following Broad areas in this research center are Estimation over Distributed Networks, Sentiment Analysis, Parameter Extraction from Big-Data, Big multimedia and GPU computing.

In addition to above, two Labs for Post Graduate Programs (PG Lab 1 and PG Lab 2) have been set up.PG Lab I is for M.Tech students with Communication Systems specialization. This lab has SDR (Software Defined Radio) kits and Labview Software. Students perform advanced level experiments using these facilities. They carry out research on current technologies like MIMO, Cognitive radio and LTE etc..PG Lab II is for M.Tech (MET) students. This lab is utilized for M.Tech lab courses: VLSI Design and Simulation Lab- I and II. This lab is equipped with hardware kits and software tools related to VLSI and embedded system. The software includes Mentor Graphics (IC Station), and Kiel. The hardware includes Universal Microcontroller kits, ARM Board, Arduino Board, Interfacing modules and sensors related to the embedded System. Students get hands on experience on FPGA and DSP boards.

Besides these laboratories, the department also has the Centre for MEMS Design. This centrewas set-up in the year 2009 as a part of institute's response to launch MEMS activity supported under National Program of Materials for Smart Sensors (NPMASS) by Govt. of India. The program centers around collaborative research efforts related to MEMS and smart sensors of the Department of Electronics and Communication Engineering, Department of Physics and Material Science and Department of Biotechnology of our institute. Research work carried out in this center includes Design, Characterization and Modeling of On-Chip Inductors on Silicon Substrate; SAW Oscillator for Temperature/Gas Sensor.

Important additions made during the year in Labs

1. 18 Universal Microcontroller Development Board & its Accessories were purchased for Embedded System Lab
2. 2 Premium Suite License for LabView software
3. High Voltage DC Regulated Power Supply was purchased for Electrical Machine and Instrumentation Lab

➢ Faculty Activities

Workshops and Conferences Attended

S. NO	Name of Conference/Workshop/Seminar Attended	Date	Organized By
1	Faculty Development Program on "Communication Engineering: Recent Trends"	11-16 JULY, 2016	ECE DEPARTMENT, JIIT, SEC 62, NOIDA
2	Faculty Development Program on "State-of-the-Art: Communications, Circuits and Intelligent Systems"	18-23 JULY, 2016	ECE DEPARTMENT, JIIT, SEC 128, NOIDA
3	International conference on Signal processing and Communication ICSC -2016	26-28 DEC, 2016	ECE DEPARTMENT, JIIT, SEC 62, NOIDA
4	Two-Week ISTE STTP on "CMOS, Mixed Signal and Radio Frequency VLSI Design"	30 JAN- 4 FEB, 2017	IIT KHARAGPUR
5	National Seminar on "Emergence of Internet of Things (IoT) : Trends and Challenges"	19 NOV, 2016	IMS, GHAZIABAD.
6	International conference CIPECH-16 (Technically sponsored by IEEE UP section),	18-19 NOV, 2016	KRISHNA INSTITUTE OF ENGINEERING & TECHNOLOGY, GHAZIABAD, INDIA
7	IRF International Conference on Electrical & Electronics Engineering	6 NOV, 2016	NEW DELHI, INDIA
8	International conference on "Evolving trends in intelligent Management of the future grid, INTELECT 2017 (Technically sponsored by IEEE UP section & IEEMA and supported by Min. of Power, National Smart grid mission, Govt. of India)	23-25 JAN, 2017	INDIA EXPO CENTRE GREATER, NCR-DELHI, NOIDA
9	International Conference on "Sustainable Computing Techniques in Engineering, Science and Management"	09-10 SEPT, 2016	HIERANK BUSINESS SCHOOL, NOIDA
10	National Workshop on Wireless sensor networks and applications	16-18 MARCH, 2017	ECE DEPARTMENT, JIIT, SEC 128, NOIDA
11	Workshop on "RF Active and Passive Circuit Design"	1-3 OCT, 2016	IIIT-DELHI
12	Signal Processing and Integrated Network (SPIN 2017)	2-3 FEB, 2017	AMITY UNIVERSITY, NOIDA
13	Multimedia Tools and its Applications through ICT	27-31 MARCH, 2017	NITTTR, CHANDIGARH
14	International Conference on "Recent Trends in Computer Science and Electronics Engineering"	2-4 JANUARY,2017	GYANCITY RESEARCH LAB, MALAYSIA
15	Smart Tech -2017	26-28 MARCH,2017	AMITY UNIVERSITY JAIPUR
16	Indiacom -2017	1-3 MARCH,2017	BHARATI VIDYAPEETH, NEW DELHI
17	Recent Trends in Mathematical Modelling and Scientific Computing	7-8 APRIL, 2017	DEPT. OF MATHS, JIIT, NOIDA
18	National Workshop on PHOTOPTICS	9THMARCH, 2017	
	PMSE Dept. of JIIT, Sector-128, Noida		
19	3rd IEEE International Conference on Computing, Communication and Automation (ICCCA)	5-6 MAY, 2017	GALGOTIA UNIVERSITY, G. NOIDA (UP)-INDIA.

Conferences and Workshops Organized

1. Faculty Development Program on “Communication Engineering: Recent Trends” was organized in the department of ECE at JIIT-62 campus from 11th to 16th July 2016.
2. Faculty Development Program on “State-of-the-Art: Communications, Circuits and Intelligent Systems”was organized in the department of ECE at JIIT-128campus from 18th to 23rd July 2016.
3. International conference on Signal processing and Communication ICSC -2016, was organized at JIIT Noida from 26th to 28th December 2016
4. Two-Week ISTE STTP on “CMOS, Mixed Signal and Radio Frequency VLSI Design” oraginzed by IIT Khragpur, 30th Jan-4th Feb, 2017.

Invited Talk inDepartment

1. Mr. Nitin Kishore, Founder and Chief Executive Officer of Truechip delivered a talk on “Design and Verification using HDL” on 25th April 2017.
2. Prof. Ramesh Bansal, University of Pretoria, South Africa delivered a talk on “Smart Grid and Communication” on 10th January 2017.
3. Prof. Sunil (B.T.), Dean Engineering, University of Pretoria, South Africa delivered a talk on “Dynamic Spectrum Management in Cognitive Radio” on 21st December 2016.
4. Mr Sujit Pattnayak, Product Manager at Canta Health delivered a talk on “Business Intelligence and Big Data Analytics- Perspectives from Knowledge Industries” on 1st Oct 2016.
5. Prof. Madan Gopal, IIT Delhi delivered a lecture on “Machine Learning” on 25th Aril 2017.

Department of Biotechnology

The Department of Biotechnology at JIIT, NOIDA was established in 2002 with the aim to provide research and outcome based teaching and learning with active R & D environment. Our faculty comes with rich research exposure from academia and industry. They are highly qualified and obtained doctoral and postdoctoral experiences from reputed universities and institutes of India and abroad.

The field of biotechnology is growing steadily in India and it has shown double digit growth in the past few years. In response to continuously evolving technology and industry needs, the curricula have been designed with broad knowledge base, encompassing courses from fundamental sciences (biology, mathematics, and physics), computer science & engineering, electronics and communication engineering, humanities and social sciences, in addition to core courses in biotechnology and bioinformatics.

The curriculum provides engineering interface and integrates core subject area knowledge with professional development; focusing on entrepreneurship, analytical and research skills. The research emphasis is reflected in the active doctoral program (28 students are pursuing their PhD and 21 have successfully completed their PhD), publications in international/national journals, and sponsored research projects more than INR 7 Crores from premier national funding agencies namely, the Department of Biotechnology (DBT), the Department of Science and Technology (DST), All India Council for Technical Education (AICTE), Indian Council for Medical Research (ICMR) and Department of AYUSH. In last academic year (2016-17), 2 Ph.D scholars have successfully completed Ph.D from the Department. Also, the Department had cumulative research grant of on-going and sanctioned research project worth INR 5.3 Crores from leading Government funding agencies and Industry.

Interaction with leading scientists from academia and industry through invited lectures, workshops and conferences ensures all-round development of the students. Institute had also fostered interaction with alumni of the Department from Industries for further collaboration and possible enhanced recruitment of the students of Department.

Our students continue to secure positions in graduate schools for MS / Ph.D at universities of international / national repute such as Max Planck, John Hopkins, Georgia Tech, Keck Graduate Institute, Penn State, IIT, and JNU. Many students have been selected in biotechnology firms such as Panacea Biotech, Cadilla Biotech, Ranbaxy, and Premas Biotech Ltd., and some of them obtrude as successful entrepreneurs also. In last academic year (2016-17), more than 85% B.Tech & M.Tech students of the Department were recruited on-campus, in leading industries namely Grail Research, Evalueserve, TechSci Research, PNS Research, Freyr Solutions, Infosys and Cognizant with an average package of 7 Lakh per annum (Data from T&P Department, JIIT Noida). Many students opted for further studies in India and abroad.

A technical hub of the Department, “RIBOSE” involves students in societal projects / events. The hub provides a platform to explore the ever growing and exciting world of biological and allied sciences. It organizes various outreach activities to spread awareness about both classical and modern biotechnology. Last academic year was filled with technical activities for the hub with organization of events round the year.

Institutional Bio-safety Committee (IBSC) of our department generates awareness and monitor bio-safety aspects and regulations as per guidelines issued by Government of India.

➢ Facilities Including Labs

- The Department of Biotechnology at JIIT is equipped with state of the art instruments and possesses the most modern instruments and continuously upgrades its research facilities which have enabled it to carve a niche on the national biotech education map. The department has constantly maintained its ranking at top positions in biotechnology departments for education quality and research infrastructure amongst private institutions offering Biotech courses in India. The Department recently expanded its curricula and research laboratories to 3000 square feet comprising of M Tech and computational Laboratory. Department has dedicated core facility with high-end instruments and curricula like Functional Genomics lab, Plant and Animal Cell culture labs, Biochemistry lab and eight specialized research laboratories encompassing Centre for emerging Diseases, Transcriptome Lab, Novel Drug Delivery Systems Lab and Nano-Biotechnology Lab to undertake research in priority areas of biotechnology with emphasis on applied research.
- There is dedicated budget for the upgradation of the instruments to ensure high-end research facilities and cutting edge laboratories. The laboratories are compliant with the bio-safety norms and provide necessary equipments for biochemical, microbiological, cell culture and molecular techniques such as protein expression and purification, electrophoresis studies, immuno-technology studies, DNA/RNA isolation, molecular cloning methodologies, PCR, functional genomics applications, and bioinformatics software applications that constitute the methodological repertoire of biotechnology research.
- In the past academic year, the department of biotechnology has installed new equipments such as Inverted fluorescence microscope, CO2 incubator, microplate reader, PCR thermal cycler, worth Rs 25 Lacs.

➢ Faculty Activities:

Presentations in International conferences

1. 1. Neeraj Wadhwa: Oral talk entitled “Bioprocessing of cotton fibre: Effective utilization of Amorphophallus paeoniifolius peel World Research Journals” June 26 to June 28, 2017 at Bangkok.
2. Krishna Sundari: Invited for Expert interaction in Techno-Foresight Series conducted by CSIR-NISTAD. July 8th, 2016, at India International Centre (IIC), New Delhi.
3. Krishna Sundari: “Environment - A level field of play integrating Scientists & Engineers across disciplines” at IILM Academy of Higher Learning, GREATER NOIDA, September 6th 2016.
4. Vibha Rani: Invited talk delivered on “Cardioprotective effects of Syzygium cumini in hyperglycemic cardiac stress” ,International Conference on “Recent Advances in Cardiovascular Research: Impact on Health and Disease” at Vallabh
5. Bhai Patel Chest Institute, Delhi University, New Delhi on February 09-11, 2017.
6. Kamal Rawal: Invited Talk. Building Disease Networks Using Text Mining and Machine Learning Techniques Bio-IT conference 17th Edition, Boston USA. 24th May 2017.
7. Kamal Rawal: Invited speaker to Baylor College of Medicine, Houston USA on May 26th 2017 on Disease networks and Machine learning.
8. Kamal Rawal: Key Note & Invited Speaker at 1 Day DBT sponsored seminar on Fundamentals of Bioinformatics at Jammu University, 21st October 2016.
9. Kamal Rawal: Invited speaker to FDP- Recent Advances in Diagnostics and Therapeutics on 22nd July 2016. Title “Building computational pipelines for next generation sequencing data analysis: Applications in Cancer Genomics”.
10. Shalini Mani: “Bioenergetics of Human and Disease: Recent Advances & Innovations” World Biotechnology Congress. (20-22 February 2017) organized by Endling Conferences, held at JNU New Delhi, India.
11. Ashwani Mathur: Delivered a lecture on “Bioeconomic evaluation of Natural resources” (2017) during Faculty Development Program on ‘Bioentrepreneurship’ organized by Department of Biotechnology, Jaypee Institute of Information technology, Noida, U.P., from July, 10-15, 2017.

Publications in International conferences

1. Gupta A, Nautiyal A, Lawrence M, Vashisth S. and Mathur G. Role of DHA in mental health. Indo Global journal of pharmaceutical Sciences, 2017, vol. 7, pp.52
2. Srivastava S, Wahi T, Agarwal M, Kushwaha S, and Mathur G. Applications of bacterial cellulose-composites. Indo Global journal of pharmaceutical Sciences, 2017, vol. 7, pp.96
3. Mathur G and Mathur A. Status of solid waste generation in Asian countries. In Proc. International conference on Peaceful and prosperous South Asia (ICSA 2017), JIIT Noida, 27-29th March 2017, pp.25

Participation in seminars, symposiums, conferences

1. 1. Biotechnology faculty: 2nd to -4th February, 2017 "International Conference on Advances in Plant & Microbial Biotechnology" at Jaypee Institute of Information Technology, Noida, India
2. Biotechnology faculty: 18th to 23rd July 2016, Faculty Development Program on "Recent Advances in Diagnostics and Therapeutics" Jaypee Institute of Information Technology, Noida
3. Rachana: 10th December, 2016, Workshop on Start up skills Jaypee Business School, Noida
4. Sudha Srivastava: Jan 9th, 2017. International seminar on "Technology Transfer as a Tool to Optimize Intellectual Property and Innovation"India Habitat Centre, Lodhi Road, New Delhi-110003, New Delhi
5. Sudha Srivastava and Vibha Gupta: 2017. The Millennium Alliance programme by FICCI & USAID, FICCI, 1, Federation House, Tansen Marg, New Delhi
6. Krishna Sundari: A workshop on HPLC Principles and Practices held on 5th and 6th of December 2017 by Genetix New Delhi
7. Vibha Gupta: Feb. 20th, 2017. Symposium on "Form and Function in Biology" organized by Regional Centre for Biotechnology, National Capital Region – Biotech Sciences Cluster, Faridabad
8. Vibha Rani: International Conference on Recent Advances in Cardiovascular Research: Impact on Health and Disease held from February 9th - 11th , 2017 at Vallabhbhai Patel Chest Institute, Delhi University (South Campus), New Delhi
9. Vibha Gupta and Sudha Srivastava: Feb. 28th, 2017. The Millennium Alliance in Delhi by FICCI & USAID at FICCI, 1, Federation House, Tansen Marg, New Delhi
10. Shalini Mani: 20th to 22nd February 2017 "World Biotechnology Congress" Organized by Endling conferences at Convention Center, JNU, New Delhi, India.
11. Shalini Mani: 10th to 11th February, 2017 "International conference on Mitochondria in health and disease., organized by Society for Mitochondrial Research and Medicine-India at JNU New Delhi.
12. Garima Mathur: National Workshop on "Research Paper Writing and Publishing"29th - 30th July 2016, JIIT Noida
13. Garima Mathur: International conference on Peaceful and prosperous South Asia- opportunities and challenges. 27-29th March 2017, JIIT Noida

Guest Lectures/Workshops /Conferences Organized

Conference Organized:

- 2nd to 4th February, 2017 "International Conference on Advances in Plant & Microbial Biotechnology" at Jaypee Institute of Information Technology, Noida, India.

Faculty Development Program Organized

- 18th to 23rd July 2016, Faculty Development Program on "Recent Advances in Diagnostics and Therapeutics", Jaypee Institute of Information Technology, Noida

Workshop organized

- Workshop on "Cervical Cancer" on 10/11/2017, conducted by NGO- CAPED (Cancer Awareness, Prevention and Early Detection) for the benefit of female students and faculty.

Visitors to the Department

Department of Biotechnology has organised Conference, Workshops and invited lectures by experts from reputed National, International organizations and Industry including: DRDO, DBT, NRDC, IGIB, DU, JNU, Jamia Hamdard, Geneva Universtity, University of New Castle, University of Otago, Christchurch, New Zealand, Reliance Life Sciences, Monsanto, Xcelris Genomics, etc. The workshops and expert lectures provide an intellectual platform for students to interact with the speakers of eminence and get abreast with the emerging technologies.

S.No.	Expert	Topic	Date
1.	Mr Atul Kumar Pandey and Mr Gaurav Kumar, CEO, Gralit India Biotech Pvt. Ltd.	Interactive session 'The Lighting Idea'	1-10-16
2.	Dr Shrey Kohli PhD, Otto Von Guericke University, Germany	Interactive session on "Exploring Career Prospects in Academia and Research – India and Abroad	10-11-16
3.	Dr. Rashid Hassan, Advisor & Scientist 'G', MoEF, GOI	Bioremediation a tool to mitigate soil pollution: A National and International Perspective	2-2-17
4	Mr. Lalit Sharma- Senior Technical Expert, Deutsche Gesellschaft fur Internationale Zusammenarbeit (GIZ), Head Office, Germany.	Innovative Pilots and Technologies to overcome Ecological Resource Deficit's in the field of Waste Management	2-2-17
5	Ms Jennifer Allard, Sr. Research manager, J-PAL South Asia Inst. for Financial Management and Research, Head Office, USA.	The Science of Human Behaviour and Rural Energy Production	2-2-17
6	Prof. Arif Ali, JMI, New Delhi	Development of reliable molecular assay for rapid detection of Niessieria Gonorrhoeae	2-2-17
7.	Prof. T. Satyanarayana, Netaji Subhas Institute of Technology, New Delhi	Attempts in enhancing production of phytase of the unconventional yeast Pichia pastoris by conventional and molecular approaches.	2-2-17
8	Prof. Ashok K. Dubey, Netaji Subhas Institute of Technology, New Delhi	Inhibition of Candida albicans Biofilm by the Compounds Produced by Streptomyces chrestomyceticus	2-2-17
9	Mr. Sivakanth Sattiraju, CISCO, SanJose, California, USA	Big data in research and informatics.	2-2-17
10	Prof. Appa Rao Podile, Vice Chancellor, HCU, Hyderabad	Chitooligosaccharides & immunity in plants	3-2-17
11	Prof. J. S. Virdi, DU, New Delhi	From Yersinia Genomics to Point of Care (POC) Diagnostics for Antibiotic resistance	3-2-17
12	Dr. Suseelendra Desai, Principal Sc., CRIDA, Hyderabad	Microbe mediate plant health management-Issues &Perspective	3-2-17
13	Dr. K. Annapurna, Principal Sc. IARI, New Delhi	Legume biotechnology &sustainable agriculture	3-2-17
14	Dr. Patanjali, UNIDO	Biobotanical Pesticides as safe alternative to synthetic chemical pesticides	3-2-17
15	Mahesh Babu, IL&FS Environmental Infrastructure & Services	Experiences and learning in the solid state management sector	3-2-17
16	Dr. Sanjeev Aggarwal, Sc. 'G', CPCB, MoEF, New Delhi	Microbes as air pollutants and the control.	3-2-17

S.No.	Expert	Topic	Date
17	Gaurav D. Joshi, Sr. Env. Specialist, World Bank Group	A practitioner's look-back on Environmental Biotechnology-after 15 years' hiatus	3-2-17
18	Mr. D Walther- Project Director, Deutsche Gesellschaft fur Internationale Zusammenarbeit(GIZ)	Co-processing of Organic Waste and Septage into Biogas – Pilot Project at Nashik	3-2-17
19.	Dr. Alok Adholeya, Director Research, Mycorrhizal Application LLC, MO, USA & Honorary Advisor, TERI, New Delhi	Critical Research Intervention for Technology Development & Customization	4-2-17
20.	Prof Maria Elena Bottazzi	Health biotechnology: Alternative career opportunities to combat emerging and tropical diseases	23-2-17

Expert talks organized at JIIT

S.No.	Expert	Topic	Date
1.	Prof. Vijay K. Chaudhary Professor, Biochemistry Department, South Campus, DU	The Magic of Antibodies	18-7-16
2.	Ms. Debjani Kundu, Field Application Scientist, Merck Life Science Pvt. Ltd.	Applications of Flow cytometry	19-7-16
3.	Ms. Yukti Gambhir, Product Manager, QPCR Applications, Thermo Fisher Scientific India	Quantitative gene expression analysis	20-7-16
4	Mr. Faraz, SCIEX, Gurgaon	Mass spectrometry	21-7-16
5	Dr. Arjun Roy, Head –CDM/Biostatistics, Sun Pharmaceutical Industries Ltd	Biopharmaceutical Statistics in Clinical Trials	22-7-16
6	Dr. Anita Kamra, Associate Professor, KMC,	Nanomedicine: New Perspectives and challenges	23-7-16
7.	Prof Maria Elena Bottazzi	Health biotechnology: Alternative career opportunities to combat emerging and tropical diseases	23-2-17
8	Dr. Rashid Hassan, Advisor & Scientist 'G', MoEF, GOI	Bioremediation a tool to mitigate soil pollution: A National and International Perspective	2-2-17
9	Mr. Lalit Sharma- Senior Technical Expert, Deutsche Gesellschaft fur Internationale Zusammenarbeit (GIZ), Head Office, Germany.	Innovative Pilots and Technologies to overcome Ecological Resource Deficit's in the field of Waste Management	2-2-17
10	Ms Jennifer Allard, Sr. Research manager, J-PAL South Asia Inst. for Financial Management and Research, Head Office, USA.	The Science of Human Behaviour and Rural Energy Production	2-2-17
11	Prof. Arif Ali, JMI, New Delhi	Development of reliable molecular assay for rapid detection of Niessieria Gonorrhoeae	2-2-17
12	Prof. T. Satyanarayana, Netaji Subhas Institute of Technology, New Delhi	Attempts in enhancing production of phytase of the unconventional yeast Pichia pastoris by conventional and molecular approaches.	2-2-17

S.No.	Expert	Topic	Date
13	Prof. Ashok K. Dubey, Netaji Subhas Institute of Technology, New Delhi	Inhibition of Candida albicans Biofilm by the Compounds Produced by Streptomyces chrestomyceticus	2-2-17
14	Mr. Sivakanth Sattiraju, CISCO, SanJose, California, USA	Big data in research and informatics.	2-2-17
15	Prof. Appa Rao Podile, Vice Chancellor, HCU, Hyderabad	Chitooligosaccharides & immunity in plants	3-2-17
16	Prof. J. S. Virdi, DU, New Delhi	From Yersinia Genomics to Point of Care (POC) Diagnostics for Antibiotic resistance	3-2-17
17	Dr. Suseelendra Desai, Principal Sc., CRIDA, Hyderabad	Microbe mediate plant health management-Issues &Perspective	3-2-17
18	Dr. K. Annapurna, Principal Sc. IARI, New Delhi	Legume biotechnology &sustainable agriculture	3-2-17
19	Dr. Patanjali, UNIDO	Biobotanical Pesticides as safe alternative to synthetic chemical pesticides	3-2-17
20	Mahesh Babu, IL&FS Environmental Infrastructure & Services	Experiences and learning in the solid state management sector	3-2-17
21	Dr. Sanjeev Aggarwal, Sc. 'G', CPCB, MoEF, New Delhi	Microbes as air pollutants and the control.	3-2-17
22	Gaurav D. Joshi, Sr. Env. Specialist, World Bank Group	A practitioner's look-back on Environmental Biotechnology-after 15 years' hiatus	3-2-17
23	Mr. D Walther- Project Director, Deutsche Gesellschaft fur Internationale Zusammenarbeit(GIZ)	Co-processing of Organic Waste and Septage into Biogas – Pilot Project at Nashik	3-2-17
24	Dr. Alok Adholeya, Director Research, Mycorrhizal Application LLC, MO, USA & Honorary Advisor, TERI, New Delhi	Critical Research Intervention for Technology Development & Customization	4-2-17

Other Achievement/Miscellaneous Activities

1. **Sudha Srivastava Invited Speaker,** International Conference on Nanoscience and Nanotechnology ALIGARH Nano V and STEM-Education and Research (STEM CON-16) March 12-15, 2016, Organised jointly by The Ohio State University USA, CEERI Pilani, and Aligarh Muslim University, Aligarh.
2. **Vibha Rani,** Prof. Suresh C. Tyagi Award (Young Faculty-2017 in International Conference on "Recent Advances in Cardiovascular Research: Impact on Health and Disease" at VallabhBhai Patel Chest Institute, Delhi University, New Delhi on February 09-11, 2017. Awarded by International Academy of Cardiovascular Sciences (Indian section)
3. **Vibha Rani,** 5th Academic Brilliance Young Faculty Award-2017 by Education Expo.,12 Feb 2017.

Sponsored Research Projects

Completed

1. Screening of native microbes with tannase ability, production of tannase and gallic acid using alternate growth substrate. **PI: Dr. S. Krishna Sundari.** DBT. 19.44 Lacs. Completed on December 2015.
2. Stage Specific microRNAs profiling from developing chick embryonic heart. **PI:Dr. Vibha Rani.** 42.4 Lacs. Completed 25 July 2016.
3. Effect of Curcumin on Cardiac hypertrophy. **PI: Dr. Vibha Rani.** 32.9 Lacs. Completed 25 July 2016.
4. Ability of select PGPM strain to remediate organophosphate pesticide commonly applied in agriculture. **PI: Dr. S. Krishna Sundari**. Rs. 6.59 Lacs. 21-10-2013 to 19-07-2016.

5. Development of a biocatalyst for the removal of nitrogen and sulphur from diesel. **PI: Dr. Nidhi Gupta.** Duration: 2014 to 2016. Grant Value: 24.90 Lacs.
6. Nanoparticles based amperometric biosensor for detection of thyroid dysfunctioning, Department of Science and Technology (DST), Duration: 2014-2017, Grant value: 37.3 lakh, **PI: Dr. Sudha Srivastava,** Co- I: **Dr. Vibha Gupta**
7. Development and evaluation of green tea catechins based intravaginal nanoemulsion gel for the treatment of urinary tract infections. **PI: Dr. Shweta Dang.** Duration: 2013- Dec 2016. Grant value: 23.53 Lacs
8. Stage specific microRNA profiling from developing chick heart, Department of Biotechnology (DBT), Duration: 2012-2015, Grant value: 41.65 Lakh, **PI: Dr. Vibha Rani.**
9. Effect of curcumin on cardiac hypertrophy, Department of Biotechnology (DBT), Duration: 2012-2015, Grant value: 29.89 lakh, **PI: Dr. Vibha Rani.**
10. Structural Biology of CysE from pathogenic organisms – Potential for rational drug design. Department of Biotechnology (DBT), Duration: **2013-2017,** Grant value: **42.9 Lakh, PI: Dr. Vibha Gupta Co-PI: Dr. Punit Kaur (AIIMS).**

Ongoing

1. Building integrated pipeline for cancer genome analysis: Role of mobile genetic elements in cancers, Department of Biotechnology (DBT), Govt. of India. Grant value: **~29.38 lakhs PI: Kamal Rawal** (2017-2020), Co-PI Sanjay Gupta.
2. Potentially novel carbohydrases (cellulase and related enzymes) for waste management from cultivable bacteria and functional metagenomic library of North East India biodiversity hotspot'. Department of Biotechnology (DBT), Govt. of India, under Twinning Program for North-East, 2015-16, in collaboration with CSIR-North East Institute of Science And Technology. Grant Value (JIIT): Rs. 22.21 lakhs, Total grant value **Rs. 55 lakhs PI: Dr. Indira P. Sarethy Co-PI: Prof. Sanjay Gupta.**
3. Development of inhibitors to target glyoxylate and methylcitrate cycles essential for persistence of Mycobacterium tuberculosis. Indian Council of Medical Research (ICMR), Duration: **2014-2017, Grant value: ~20 lakh, PI: Dr. Vibha Gupta; Co-PI: Dr. Chittaranjan Rout (JUIT, Waknaghat)**
4. Nanoparticles based amperometric biosensor for detection of thyroid dysfunctioning, Department of Science and Technology (DST), Duration: **2014-2016,** Grant value: **37.3 lakh, PI: Dr. Sudha Srivastava, Co- I: Dr. Vibha Gupta**
5. Identification of cellular targets of Chikungunya virus non structural proteins, Indian Council of Medical Research (ICMR), Duration : 2014-2017, Grant value: **34.1 lakh, PI: Dr. Sanjay Gupta, Co-I: Dr. Reema Gabrani; Co-I: Dr. Sanjeev K. Sharma.**
6. Development of a biocatalyst for the removal of nitrogen and sulphur from diesel, Department of Science and Technology (DST), Duration: **2014-2017,** Grant value: **24.9 lakh, PI: Dr. Nidhi Gupta.**
7. Development of reagents for simple immunochemical tests for the detection of Chikungunya infection, Department of Biotechnology (DBT), Collaborative project among UDSC, JIIT and ICMR Virus Unit Kolkata., Duration: **2014 -2017,** Total Grant value 1.41 crores, JIIT Grant value: **18 Lakh, JIIT PI: Dr. Sanjay Gupta.**
8. Purification of Chikungunya virus nsP3 Protein for peptide based inhibitor and structural studies, Department of Biotechnology (DBT), Duration: **2013-2016,** Grant value: **68.6 lakh, PI: Dr. Sanjay Gupta, Co-PI: Dr. Sanjeev K. Sharma, Co-PI: Dr. Vibha Gupta, Co-PI: Dr. V.K. Chaudhary**
9. Studies on the phylogenomics and population genomics of indian Drosophila, Department of Science and Technology (DST), Duration: **2014-2017**, Grant value: **34.10 Lakh, PI: Dr. Sujata Mohanty.**
10. Ability of select PGPM strains to remediate organophosphate pesticides commonly used in agriculture, Department of Biotechnology (DBT), Duration: **2013-2015,** Grant value: **6.59 Lakh, PI: Dr. Krishna Sundari.**

11. Biotechnological solution for attaining longer shelf life and portability of microbial inoculums. Dr. S. Krishna Sundari. Duration- 2015 to 2017. Grant Value- 19 Lacs. DBT.

Sponsored Fellowship/Special Scheme Projects

1. Development of PLGA nanoparticles loaded with donepezil and memantine for Brain Drug Delivery through nasal route in Alzheimer's disease, Department of Biotechnology (BIOCARE-Women Scientist Scheme), Duration: 2017-2020, Grant Value: 27 lakhs, PI: Atinderpal Kaur (PhD Scholar, JIIT Noida), **Mentor: Dr. Shweta Dang**
2. Differential expression pattern of miRNAs in rice root during Cr (VI) stress. Young Scientist: Sonali Dubey Department of Science & Technology (Fast Track Young scientist Scheme), Duration: 2015-2018, Grant Value: 33 Lakh, Young Scientist: Dr Sonali Dubey, **Mentors: Dr Vibha Rani**
3. Studies on production of therapeutically important saponins using in-vitro culture of Bacopa monnieri, Department of Science & Technology (Women Scientist Scheme - A), Duration: 2014-2017, Grant Value: 16.60 Lakh, PI: Pragya Bhardwaj (PhD Scholar, JIIT Noida), **Mentors: Drs. Ashwani Mathur & Chakresh Kumar Jain**
4. "Rational Structure-based development of potent inhibitors targeting mycobacterial Cysteine Biosynthetic pathway: In Silico and Experimental Drug Design against M. tuberculosis CysE " Duration: 2015-2018, Grant Value: 15.95 Lakh, DST WosA Scheme PI: Ms Sunita Gupta, **Mentor: Dr Vibha Gupta**
5. Structure, Function and Inhibition of Isocitrate Lyases of Mycobacterium tuberculosis.: 2015-2018, DST INSPIRE fellow: Ms. Monika Antil, **Mentor: Dr Dr Vibha Gupta**
6. Bioprospection of Microorganisms from Selected Niche Habitat(s) (Soil/ Rocks) for Antimicrobial Products. Indian Council of Medical Research. Fellowship holder: Nidhi Srivastava (ICMR fellowship No. [3/1/3JRF-2013/ HRD-136 (30690), PhD Scholar, JIIT Noida), **Duration: 2014-2019, Mentor: Dr. Indira P. Sarethy.**
7. Bioprospection of Actinomycetes from Indian desert and antimicrobial activity of selected isolates: Department of Science and Technology- INSPIRE Program, Fellowship holder: A. Ibeyaima (IF120267, PhD Scholar, JIIT Noida), Duration: 2012-2017, **Mentor: Dr. Indira P. Sarethy.**

Department of Mathematics

The Department of Mathematics at JIIT has been expanding the frontiers of mathematical understanding on a wide range of topics for over 15 years. One of the oldest branches of knowledge, Mathematics can be studied as an intellectual discipline for its own sake or as a professional tool for application to other disciplines. Mathematics plays a key role in the development of modern sciences, engineering, management and many other important areas of activities. With this aim in mind the Department of Mathematics was created from the very inception of the institute. The Department started with a single faculty but today it is a community of nineteen academicians committed to excellence in research and instruction. It consists of 4 professors, 2 associate professors and 13 assistant professors. This underlines the fact that mathematics has become the most essential enabler and tool in the tool box of an engineer, researcher and manager. The Department offers a comprehensive set of curricula in its disciplines, from value added courses to doctoral dissertation direction. There are more than 35 courses taught at graduate, post graduate and research levels. Besides catering to the basic needs of the various B. Tech. / M. Tech. programs of the Institute, it has a strong fervour towards research and development from the very beginning. The M. Tech. (ACM)

program contributes to an important pipeline of professionally trained students who enter the high-technology industrial sector.

The role and usage of mathematics have increased manifold in the last decade with the setting in of information revolution which has resulted in substantial changes in several other disciplines also. This has put additional expectations on the Department from the point of view of teaching, research and applications. Skills in computational mathematics are needed more than ever before. Keeping this in mind a number of new courses (core as well as elective) have been designed and introduced at graduate and post graduate levels. The field of mathematics however is constantly evolving to the ever changing need and challenges of its practitioners. Therefore, we also need to update ourselves continuously through research work, workshops, faculty development programs, guest lectures and conferences. The department has successfully organised international conference RAMSA and other workshops with partial funding by reputed agencies like CSIR, DST and DRDO. Efforts are being made for the convergence of Mathematics with other disciplines by introducing courses of interdisciplinary nature such as Wavelets, Computer Graphics, Finite Element Methods, Image and Signal Processing etc.

The Department has a strong reputation in research. This is evident from a good number of research publications in reputed indexed international journals. Faculty members are involved in various research thrust areas of Mathematics which are a good blend of pure and applied mathematics of contemporary importance.

➢ Faculty activities include

Participation of the Faculty in Conferences/ Workshops / Seminars outside JIIT

1. Dr. Anuj Bhardwaj presented a research paper entitled “Robust Image Watermarking using Combined DSR-SVM with PCA Based Feature Reduction” in 6th International Symposium on Embedded Computing & System Design (ISED 2016) organised by Deptt. of Computer Science & Engineering, IIT Patna during December 15-17, 2016.
2. Dr. Parvesh Kumar chaired technical session and presented a research paper entitled “Solving Non-Linear Optimization Problems Using IUMDE Algorithm” in International conference SoCTA (Springer) organised by Amity University, Jaipur during December 28-30, 2016.
3. Dr. Parul Tiwari presented a research paper entitled “Buckling Analysis of Carbon Nanotubes using Galerkin Residual Method with Legendre’s Polynomial” in international conference on “Frontiers of Science & Technology-2017” (sponsored by DST & ISTE) organized by Department of Applied Sciences, KIET Group of Institutions, Ghaziabad, January 06-07, 2017.
4. Prof. Alka Tripathi delivered an expert lecture on “Statistical Techniques” in one day seminar on “Mathematics and its Applications” in YMCA University of Science and Technology, Faridabad, Haryana, March 21, 2017.
5. Prof. Alka Tripathi chaired technical session in National Conference on “Advances in Mathematics & Computing” in YMCA University of Science and Technology, Faridabad, Haryana, May 1-2, 2017.
6. Dr. Parvesh Kumar chaired technical session in International Conference of Computing, Communication and Automation (ICCCA) organised by Galgotias University, Greater Noida during May 5-6, 2017.

Conferences /Workshops / Faculty Development Programs Organized

1. A Faculty Development Program on ‘Continuum Mechanics and Applications’ was conducted by mathematics department during July 18-23, 2016. Continuum mechanics is a branch of mechanics that deals with the analysis of the kinematics and the mechanical behaviour of materials modelled as a continuous mass rather than as discrete particles. Modelling an object as a continuum assumes that the substance of the object completely fills the space it occupies. The aim of the faculty development program is to give an exposure of the latest advances in continuum mechanics and to disseminate the same to the faculty members, scientists, engineers from educational institutions and industries. The main emphasis will be on the various applications in relation to diverse areas of mathematics and engineering sciences.
2. The Department of Mathematics has successfully organized an International Conference on Recent Advances in Mathematical Sciences and its Applications (RAMSA-2016) during December 08-10, 2016. The conference was partially supported by Science and Engineering Research Board (SERB), a statutory body under Department

of Science & Technology, Government of India, New Delhi. The SCOPUS indexed conference proceedings are published by reputed American Institute of Physics (AIP) Publishing, USA. The theme of the conference included almost all active research areas in pure, applied and inter-disciplinary mathematics reflecting the applications in the areas of sciences and engineering. RAMSA-2016 was intended to expose the researchers to emerging trends and areas of research that has significant mathematical, scientific and computational importance. The theme of the conference successfully addressed all these challenging aspects of advancement of mathematics and its applications. The conference was a grand success with fourteen sessions in all out of which five sessions were devoted to Oral Presentations across diverse set of themes. There were three keynote addresses and ten plenary talks in various emerging areas of interdisciplinary nature. The eminent speakers from Czech Republic, Argentina, Botswana and India delivered lectures during the conference on the topics of their areas of expertise. About eighty two papers were accepted for oral presentations and forty seven research papers were presented across five different tracks in the conference.

3. Department of Mathematics, Jaypee Institute of Information Technology, successfully organized two days CSIR sponsored workshop on "Recent Trends in Mathematical Modelling and Scientific Computing" from 07-08th April, 2017 at Sector-128 campus. Two days of the workshop were intellectually marked by eminent speakers from IIT, Bombay and University of Allahabad. A large number of participants were registered from various parts of the country. Participants appreciated the lectures of the experts and marked positive feedback about the workshop. Several research scholars, who participated in the workshop, gave feedback that these lectures are really going to be fruitful in their research areas and they felt motivated to pursue their research in various practical aspects of modeling. They appreciated the well organized, smooth and systematic conduction of the programs. Invited experts and participants were impressed with the hospitality and management of Jaypee Institute of Information Technology. The workshop included invited talks by distinguished academicians in the field of mathematical modelling and scientific computing. Therefore, the workshop provided an excellent platform for collaborative research between senior researchers and new researchers.

Invited Expert Lectures by Guest Speakers

1. 1. Expert talk on "Fractional Calculus" delivered by Prof. S. K. Singh, Department of Mathematics, NIT Patna, dated August 22, 2016.
2. Expert talk on "Numerical schemes for hyperbolic conservation laws: Data dependent stability and shock capturing schemes" delivered by Dr. Ritesh Kumar Dubey, Mathematics and Computational Group, SRM-Research Institute, SRM University, Chennai-603203, dated September 06, 2016.
3. Expert talk on the topic "Use of modern Nature-Inspired Optimization Techniques to solve real-life problems" delivered by Prof. Kusum Deep, Department of Mathematics, Indian Institute of Technology Roorkee on September 20, 2016.

Department of Physics and Materials Science & Engineering

The Department of Physics and Materials Science and Engineering was established in the year 2001 as a teaching and research department. Currently the department offers M. Tech. program in materials Science and Engineering and Ph.D. program in Physics and Materials Science and Engineering along with teaching of several courses in the UG and PG programs in engineering of other departments. The department has a strong pool of 21 faculty members with diverse areas of specializations in Physics and Materials Science. The research interest of the department covers different frontier areas including, but not limited to, Nanoscience and Nanomaterials, Green Energy Materials and Devices, MEMS, Quantum Computing, Quantum Communication, Atomic and Molecular Physics, Plasma Physics, Astrophysics, Biophysics, Photonics, Solid State Ionics, Magnetic Materials including Multiferroics, Spectroscopy. Currently there are three ongoing research projects worth Rs 84.58 Lac in the department funded by DST and DRDO. In last few years, eight research projects worth Rs. 110.29 Lac sanctioned by AICTE under MODROB scheme, DST, and DRDO have been completed successfully. The department has well equipped curricular labs for UG and PG programs, research lab with modern research equipment and a materials characterization laboratory with advanced machines for materials characterization. The department has published more than 300 research papers in high impact international journals and has produced 23 Ph. D. scholars. The Ph.D. students graduated from the department have been successful in getting prestigious international and national post-doctoral fellowship such as Japanese Society of Promotion of Science (JSPS, Japan), Kothari Fellowship of DST, and National Post-doctoral Fellowship of DST.

The department is committed to maintain high standards of research. For enhancing interaction of the faculty with the world research community, department organizes national/ international workshops and conferences with participation from all over the globe and also faculty members actively participate in such academic activities organized in India and abroad. In addition, the department organizes FDP every year and regularly invites external experts for delivering talks in the department. Hard work of the faculty and students brought several other recognitions also. The faculty members are regularly invited to deliver talks at various national and international institutes of repute and well-known national and international conferences. The faculty members are also invited as experts in different committees of other institutions.

➢ Facilities including Labs

Department has two well equipped curricular laboratories for B. Tech. students, and one for M. Tech. students of Materials Science and Engineering. In addition, Department has dedicated Materials synthesis and characterization laboratories equipped with high-end facilities for PG and PhD students. Some important equipment/ research facilities are listed below:

Name of Equipment	Make
X-Ray diffractometer (Shimadzu-6000	Shimazdu
FTIR spectrophotometer (Spectrum BX-II)	PerkinElmer
UV-VIS spectrophotometer (Lambda 35)	PerkinElmer
Luminescence spectrometer (LS-55)	PerkinElmer
Hioki LCR meter 3522-50	Hioki
Impedance analyzer (PSM 1735)	Newtons4th Ltd
Impedance analyzer (Alpha-AT)	Novocontrol
Vacuum Coating Unit	Hind High Vac
Optical Microscope with accessories	NISCO

Name of Equipment	Make
Low temp. luminescence accessories	PerkinElmer
Dual analytical balance	Citizen
Nano-voltmeter	Keithley
AC and DC Current Source	Keithley
Digital Multi-Meter	Keithley
Water purification system	Millipore
Spin coating unit	Apex Instrument
PE-loop measurement	Marine India
Micro processor controlled furnace with sample holder	Jupiter
Electromagnet HEM-200 (1.5 Tesla)	Polytronic Corporation
High Temp. muffle furnace	Jupiter
PVD System vacuum operated	Metrex
Workstation	Netweb Technologies
Dell 3040 optiplex commercial desktop	Dell

➢ **Faculty Activities to include:**

Participation of departmental faculty in seminars, symposiums, conferences at national and international levels

Faculty members of the department regularly participate in academic activities at national and international levels. In the academic session 2016-17, faculty members of the department participated in the following academic activities:

1. Delivered an invited talk on "Understanding quantum communication using the ideas of undergraduate optics" at Optics and its Applications in Information Technology, Bennett University, India 01/10/16.
2. Visited School of Interdisciplinary Informatics, College of Information Science & Technology, and University of Nebraska at Omaha, USA for two weeks, and ddelivered an invited talk on "Quantum Solutions to Some Important Cryptographic Applications" on 13/10/16.
3. Visited Quantum Information Science Group, The MITRE Corporation, Princeton University, Princeton, USA, and delivered an invited talk on "Quantum cryptography: How much quantumness (non-classicality) is needed for unconditional security?" on 20/10/16.
4. Delivered an invited talk on "Basic ideas of optical quantum information" at two day workshop on Quantum Mechanics and Quantum Optics, Dayal Singh College, Delhi, India 26/10/16.
5. Delivered an invited talk on "Quantum cryptography is not omnipotent" at National Symposium on Recent Trends in Quantum Theory 2017 (RTQT17), Calcutta University, India, 9-10/03/17.
6. Visited Department of Physics, Tsinghua University, Haidian district, Beijing, and delivered an invited talk on "Many facets of secure direct quantum communication" on 07/06/17.
7. Delivered an invited on "Structure and Properties Correlation in BLNT-BCT Ceramic System" XIX NSFD 2016, Dec. 20, 2016 in the Department of Physics, MANIT, Bhopal MP.
8. Attended '6th International Conference on Perspective in Vibrational Spectroscopy (ICOPVS-2016)' organized by University of Lucknow at Lucknow, U.P., India during 5-8 November 2016.
9. Attended the India International Science Festival (IISF-2016) held at National Physical Laboratory (NPL) New Delhi during 8-11 December 2016 and presented a research paper in IISF-Young Scientists Conclave (YSC) in the theme of 'Materials for Sustainable Development' on 8 December 2016.
10. Delivered an invited talk at National Conference on Nanoscience, Nanotechnology and Advanced Materials (NCNNAM- 2016): Nonlinear Optical (NLO) Properties of Amine Functionalized Tetraphenylethylene, BIT Mesra, Ranchi, India, 26-27/09/2016.
11. Delivered an invited talk at International conference on Perspectives of Vibrational Spectroscopy (ICOPVS 2016): Nonlinear Optical (NLO) Properties by Vibrational spectroscopy, Lucknow, India, 5-8/11/2016.
12. Visited Stanford University and delivered a talk on "Nonclassicality in Intermediate states" on 23/06/2017.
13. Visited University of California, San Diego, USA and delivered a talk on "Recent trends in Nonclassical states of light" on 16/06/2017

Conference/ seminar/ workshops organized by the department are as follows:

- **Faculty Development Program (FDP) on Industrial Applications, 19-25 July, 2016**

  This FDP was aimed at bridging the gap between the laboratory/desk work and the technology in hand to humankind. The major areas covered during the FDP were Renewable/non renewable energy resources, Photonics, Laser and materials processing technology. The program was conducted through a series of talks by prominent speakers, experts of the field. Twenty-Nine (29) participants attended the program. The experts who delivered talks in the FDP were Dr. S. A. Hashmi, Delhi University, Dr Amit Verma, JIIT Noida, Dr. Navneet Kumar Sharma, JIIT Noida, Dr. Anshu Varshney, JIIT Noida, Dr. Swati rawal, JIIT Noida, Dr. Sandeep Chhoker, JIIT Noida, Dr. Prashant Chauhan, JIIT Noida, Dr. Amit Tyagi, Head R&D, Goldwyn LED Tech. India, Dr Alok Chauhan, JIIT Noida, Dr Sanjay Srivastava National Physical Laboratory, New Delhi. Dr. B. C. Joshi, JIIT Noida, Dr. Sudha Srivastava, JIIT Noida and Prof. D. K. Rai, HOD, PMSE, JIIT Noida.

- **Workshop on PHOTOPTICS, 09 March, 2017**

  A one day Workshop on "PHOTOPTICS" was organized by department of Physics and Material Science and Engineering on 09th March 2017 at JIIT Noida Sec-128 Campus. The aim of the workshop was to provide a broad view of basic concepts and current research related to Optoelectronics and Photonics. It was successfully executed by eminent speakers from reputed research institutes. In total, 3 talks were delivered by Dr. Anil K. Razdan, Scientist-G and Associate Director, LASTEC, DRDO, Delhi, Dr Shiv Kumar, Scientist-G , SSPL, DRDO, Delhi and Dr Bhaskar Kanseri, Assistant Professor, IIT Delhi. The workshop covered application of Lasers, Infrared detectors and some aspects of classical and quantum Optics domain. Total number of participants including the faculty members, speakers, research scholars of our university and other institutes was 40. Participants had extremely enjoyed and appreciate all the lecture sessions, delivered talks, interaction with eminent speakers during the workshop.

- **One day Workshop on Nuclear Physics and its Applications, 25 March, 2017:**

  JIIT Noida and NASI Delhi Chapter jointly organized a one-day Workshop on Nuclear Physics and its Applications on 25 March, 2016. The workshop was attended by about 140 participants (mostly undergraduate students) from UP, Delhi, Jammu Kashmir, Himachal Pradesh, Uttarakhand and Haryana. Extremely interesting lectures were delivered by Prof. Ajoy Ghatak (on "Evolution of nuclear physics"), Prof. Dinakar Kanjilal (on "Accelerators for nuclear research and nuclear techniques"), Prof. Madhavan Narayanasamy (on "Nuclear physics is not so unclear-Experiments to observe processes in femtometer scale"), Prof. Bal Raj Sehgal (on "Lessons learned and not learned from the reactor accidents: TMI-2, CHERNOBYL and FUKUSHIMA") and Prof. Patrick Dasgupta (on "Role of nuclear physics in exploring the secrets of celestial objects"). At the end of the program a quiz was organized and the winners were awarded with the Boos published by the NASI.

Visit of dignitaries to the departments along with dates and purpose

Department regularly invited experts from outside for interaction with faculty and students and delivering talks. During academic year 2016-17 following experts were invited for delivering talks:

S. No.	Expert	Topic	Date
1	Professor D.K. Agrawal, Director, Microwave processing and Engineering Center, Pennsylvania State University, USA	Emerging New Technologies Using Microwave Energy: What does it offer to India?	08/03/2017
2	Prof. Virendra N. Mahajan, Distinguished Scientist/Engineer (retired), The Aerospace Corporation, El Segundo, CA, USA	Optical imaging and Aberrations	18/11/2017
3	Professor Zeev Zalevsky, Faculty of Engineering and Nano Technology Centre Bar-Llan University, Israel	Remote Photonic Bio-Sensing and Super Resolved Imaging	22/11/2017
4	Dr. Manik Banik, Institute of Mathematical Sciences (Chennai)	Quantum Nonlocality and Device Independent Technologies	12/12/2017

Other achievements

A new research project worth Rs 1098900/= was sanctioned by Science and Engineering Research Board, DST, New Delhi

Honors and awards

Six research students of the department received awards/ recognition during academic year 2016-17. The awards/ recognitions are:

- NASI-SWARNA JAYANTI PURASKAR (2016),
- Selected as Theoretical Physics Seminar Circuit (TPSC) category A speaker for year 2017
- NASI-SPRINGER Award in Physical Sciences (oral presentation)
- DAYAWATI RASTOGI Best Scientific Poster Presentation award in International conference on Perspectives of Vibrational Spectroscopy (ICOPVS 2016)
- National Post Doctoral Fellowship (NPDF) fellowship

Department of Humanities & Social Sciences

The Department of Humanities and Social Sciences plays a unique role in an institute where the ethos of science and technology prevails. It is believed that engineering and science are, by their very nature, humanistic and socially derived enterprises. Hence a complete science and technology education must include humanities and social sciences and other behavioural sciences where the students unite application of scientific principles along with human, moral and social understanding.

The Department of Humanities and Social Sciences was established in Jaypee Institute of Information Technology in 2001 as a centre of excellence in the field of IT education and training, comparable to the best in the world for producing professionals who shall be leaders in innovation, entrepreneurship, creativity and management. This department is a source of change-facilitators who serve to complement the existing and emerging educational programs by imparting professional and behavioural competencies and, thereby, transforming our students to become the new-age leaders in their chosen professions. The department constitutes a whole universe of intellectual domains, spanning the spectrum of knowledge pertinent to communication skills, individual and group behaviour, psychology, sociology, economics, finance, marketing, entrepreneurship, culture and knowledge management.

The undergraduate courses aim at making the students aware of the various issues concerning man and society. They are meant to sensitize them to the broader social, cultural, economic, ethical and humane issues involved in social change. The M.Tech level course prepares the students for the professional world by creating communication competence that enables them to carve a niche for themselves in the organization they are a part of. The department also runs Lab-based Value Added courses like Translation & Translation Studies, Theatre & Performance, Effective Tools for Career Management & Development and Psychological Testing as well as Foreign Language course with an option of choosing French or German, for III year students keeping in mind the industry needs of the global world.

➢ Facilities: labs and Software

The Department possesses well-equipped library, language and psychology laboratory.

Language Laboratory

Language Laboratory has been established in January 2017. Five software applications have been purchased by the department which would cater to teach different linguistic requirements pertaining to diverse professional pursuits and examinations. The lab has 31 PCs with one Teacher console and 29 Students' terminals. The Lab is fully equipped to teach 3 other foreign languages viz. French, German and Chinese apart from English Language in British, American and Indian Accents.

This academic year 25 tutorial classes have been conducted every week for B.Tech 1st year students registered in English. The students have learnt the nuances of pronunciation, being trained in comprehension of British accent, American accent and Indian accent of English and have learnt to speak the correct English with proper intonation, stress and rhythm.

The laboratory has the following items:

Hardware: Server PC- 1, Teacher's Console- 1, Students' Terminals- 29, Headphones with Mic- 30, **Software:** Sanako Study 1200, Sanako Pronounce, Sky Pronounce, Sky Read Up Speed Up, Sky IELTS. **Languages:** English (UK, US, Indian), German, French, Chinese

Psychology Lab

Psychology Lab caters to developing the psychological understanding of human minds around us through various tools and mechanisms. The development of professional skills begins with the student contacting prospective sites and arranging for a semester-long experience that involves observation and participation in the activities. In addition to cultivating professional relationships and learning about the complexities of those relationships, students have the opportunity to discover if a particular site experience matches their own strengths and interests. As a result, the practical program facilitates the decision-making process for students. Further the practical program emphasizing and strengthening ties to the surrounding community.

The purpose of the psychological testing is to provide an opportunity to develop practical knowledge and skills. After studying this, the students are able to learn how to interact with others, and understand as to how their features of personality influence others. They can also identify how psychologists study human behavior and how this knowledge can be used to explain, predict, and influence behavior. They can think critically and are able to analyze the empirical data. Further students can assess the significance and practical use of testing. The list is given below for tools which are available in the Psychology Lab.

S. No	Product code	Product Name
1	17-1262-KT	Test of Memory and Learning - Second Ed. (TOMAL-2)
2	17-1741-KT	Developmental Test of Visual Perception – Adolescent and Adult
3	20-1039-KT	Brief Visuo-spatial Memory Test-Revised
4	17-2255-C	Emotions & Expressions
5	20-1045-KT	Children's Academic Intrinsic Motivation Inventory
6	17-1778-KT	Problem Solving Picture Cards
7	20-1174-KT	Personality Assessment Inventory (PAI)
8	16-0044-KT	Bhatia Battery of Performance Intelligence Test
9	16-0666-KT	Indian Adaptation of the Multidimensional Aptitude Battery - MAB - II
10	30-0624-KT	Social Skills Inventory
11	17-2260-KT	Evaluating Acquired Skills in Communication - Third Edition (EASIC–3)
12	16-0555-KT	Binet Kamat Intelligence Test (BKT)

➢ **Faculty Activities:**

External Participation in seminars, symposiums, conferences, workshops (International / National)

INTERNATIONAL

S. No.	Name	Event	Date	Venue
1.	Mr. Aditya Anshu	International Conference on New Indian Migrants and Indentured Diaspora –Emerging Opportunity for Indian foreign policy	3th - 4th November 2016	University of Calcutta
2	Dr. Shirin Alavi	International Conference on Reaching Consumers of Emerging Markets	5th -7th January 2017	IIM Lucknow Noida Campus
3	Mr. Aditya Anshu	International Conference on the Comparative Status of Indian Diaspora in Home and Abroad.	9th January 2017	RJS First Grade College Bengaluru, Karnataka
4	Dr. Monica Chaudhary	International Conference on Corporate Governance: Retrospect and Prospects	12th -13th February 2017	IMS Ghaziabad
5	All Faculty Members	International Conference on Peaceful and Prosperous South Asia	27th -29th March 2017	JIIT, Noida Sector-62, Department of Humanities and Social Sciences

S. No.	Name	Event	Date	Venue
6	Dr. Santoshi Sengupta	International Conference on New Frontiers of Engineering, Science, Management and Humanities	21st May 2017	National Institute of Technical Teachers Training & Research, Chandigarh, India sponsored by MHRD, Govt. of India
7	Dr. Santoshi Sengupta	International Conference on Advancement in Engineering, Applied Science and Management	18th June 2017	Centre for Development of Advanced Computing - C-DAC, Mumbai

NATIONAL

S. No.	Names	Event	Date	Venue
1	All Faculty Members	Faculty Development Programme On Enhancement Of Research Abilities For Capacity Building Of New-Age Researchers	16th - 21st July 2016	Jaypee Institute Of Information Technology, Sec-62, Noida
2	All Faculty Members	National Workshop On Paper Writing And Publishing	29th -30th July 2016	Jaypee Institute Of Information Technology, Sec-62, Noida
3	Dr. Monica Chaudhary	Two Day Entrepreneurship Skills Workshop	22nd -23rd August 2016	Jaypee Business School
4	Dr. Santosh Dev and Dr. Swati Sharma	43rd National Management Convention, India In The Asian Century: Cleaner, Smarter, Faster	21st -22nd September 2016	All India Management Convention, Hotel Le Meridian, New Delhi
5	Ms. Puneet Pannu	Managerial Development Program On Developing Corporate Leadership And Management Skills For Organizational Success,	30th September 2016	Delhi Management Association
6	Dr. Monica Chaudhary , Dr. Santosh Dev And Dr. Swati Sharma	Start-Up Skills Workshop	10th December 2016	Jaypee Business School
7	Dr. Imtiaz Ahmed	42nd All India Sociological Conference On Rethinking Sociological Traditions Of India	27th-30th December 2016	Department Of Sociology, Tezpur University, Napaam, Sonitpur, Assam, India- 784028
8	Mr. Aditya Anshu	National Seminar On Human Rights And Social Justice	27th -28th January 2017	MBR Govt PG College, Balotra, Barmer, Rajasthan
9	Dr. Santosh Dev, Dr. Santoshi Sengupta, Dr. Swati Sharma	A Conclave On Life, Business And The Pursuit Of Happiness: Adding Spirituality To Management	6th April 2017	All India Management Association, Delhi, India Habitat Centre
10	Dr. Kanupriya Misra Bakhru	Train-The-Trainer Workshop On "Open Data And Knowledge For Transparency, Advocacy And Research"	18th-19th April 2017	World Bank, Delhi, India

Guest Lectures Delivered at the Department

Date	Detail
16th - 21st July 2016	1. Faculty Development Programme on "Enhancement of Research Abilities for Capacity Building of New-age Researchers" from 16th - 21st July 2016
29th - 30th July 2016	2. National Workshop on "Research Paper Writing and Publishing" from 29th - 30th July 2016
11th- 12th November 2016	3. Seminar on "Forms and Experimentations in Contemporary Literature" on 11th-12th November 2016
28th February 2017	4. Guest Lecture on "Personal Interview" by Kaushik Lashkar, Deputy Director, TIMES (Triumphant Institute of Management Education Pvt Ltd) on 28th February 2017
27th -29th March 2017	5. International Conference on Peaceful and prosperous Asia on 27th -29th March 2017
13th April 2017	6. Guest Lecture on "Scholarships and Work Opportunities in U.S., Canada, Australia, New Zealand and U.K." by Gurpreet Singh Rainu, Business Development Manager, IDP Education India Pvt. Ltd on 13th April 2017

Visit of various dignitaries to the departments along with dates and purpose.

S. No.	Name and Affiliation of the Dignitary	Date	Purpose
1	Prof. Sanjeev Mittal, Dean, University School of Management Studies, Guru Gobind Singh Indraprastha University	16th -18th July, 2016	As resource person for FDP on Enhancement of Research Abilities for Capacity Building of New-age Researchers
2	Salonee Priya, Linguistic Empowerment Cell, Jawaharlal Nehru University	29th July 2016,	As resource person for National Workshop on Research Paper Writing and Publishing
3	Dr. Ajay Kumar Chauhan, Assistant Professor in IMT Ghaziabad	30th July 2016	As resource person for National Workshop on Research Paper Writing and Publishing
4	Vishav Sharma, Solution Consultant at Thomson Reuters, Delhi	30th July 2016	As resource person for National Workshop on Research Paper Writing and Publishing
5	Divya Dhureja, internstional poet working for LGBT, queer writings	9th October 2016	As a judge for Cynosure –the Slam poetry Event in Joust '16
6	Prof. Harish C. Narang UGC Emeritus Fellow Former Head, Department of English JNU, New Delhi	11th November 2016	As a key note Speaker for Seminar on Contemporary Forms of Literature
7	Prof Ravinder Gargesh Professor & Head Department of Linguistics, University of Delhi	11th November 2016	As a key note Speaker for Seminar on Contemporary Forms of Literature
8	Mr Kunal Arora, the founder of Education Tree	15th November 2016	As Chief Guest for Jaypee Model United Nations 2017 Launch
9	Mr Ajay Mittal, the owner of Old Tehri Café	21st January 2017	As Chief Guest for Jaypee Model United Nations
10	Prof. Kavita A. Sharma, President, South Asian University, New Delhi	27th March 2017	As a key note Speaker for International Conference on Peaceful and Prosperous South Asia- Opportunities and Challenges
11	Prof. Jonah Raskin, Writer & Professor, Chair, Department of Communication Studies, Sonoma State University, USA	27th March 2017	As a key note Speaker for International Conference on Peaceful and Prosperous South Asia- Opportunities and Challenges

S. No.	Name and Affiliation of the Dignitary	Date	Purpose
12	Prof. Syed M. Ahsan, Department of Economics, Concordia University (Montreal, Canada) & Visiting Professor of South Asian University (New Delhi, India)	27th March 2017	As a key note Speaker for International Conference on Peaceful and Prosperous South Asia- Opportunities and Challenges
13	Fatimath Najwa, Director, Social Affairs, SAARC Secretariat, Kathmandu	27th March 2017	As a key note Speaker for International Conference on Peaceful and Prosperous South Asia- Opportunities and Challenges
14	Prof. Rajiv Gupta (Retd), Dept. of Sociology, University of Rajasthan, Jaipur	28th March 2017	As a key note Speaker for International Conference on Peaceful and Prosperous South Asia- Opportunities and Challenges
15	Prof. Sonjoy Dutta Roy, Poet & Professor, University of Allahabad	28th March 2017	As a key note Speaker for International Conference on Peaceful and Prosperous South Asia- Opportunities and Challenges
16	Prof. Nibir Ghosh (UGC Emeritus Professor & Eminent Critic), Agra College	28th March 2017	As a key note Speaker for International Conference on Peaceful and Prosperous South Asia- Opportunities and Challenges
17	Dr. Broto Rauth Bhardwaj, Head, Research and Entrepreneurship Development at Bharati Vidyapeeth University, New Delhi	28th March 2017	As a key note Speaker for International Conference on Peaceful and Prosperous South Asia- Opportunities and Challenges
18	Ms. Sunita Malhotra, World Bank, India	28th March 2017	As a key note Speaker for International Conference on Peaceful and Prosperous South Asia- Opportunities and Challenges
19	Prof. Shrawan Kumar Sharma, Dean, Faculty of Humanities, Gurukul Kangri University, Haridwar & Director, Centre for Canadian Studies	29th March 2017	As a key note Speaker for International Conference on Peaceful and Prosperous South Asia- Opportunities and Challenges
20	Dr. Dev N Pathak, Department of Sociology, South Asian University	29th March 2017	As a key note Speaker for International Conference on Peaceful and Prosperous South Asia- Opportunities and Challenges
21	Prof. Shri Prakash Singh, Professor, Department of Political Science, University of Delhi, Delhi	29th March 2017	As a key note Speaker for International Conference on Peaceful and Prosperous South Asia- Opportunities and Challenges
22	Dr. Arvinder A Ansari, Department of Sociology, Jamia Milia Islamia	27th March 2017	As Technical-Chair Person in a parallel track in International Conference on Peaceful and Prosperous South Asia- Opportunities and Challenges
23	Dr. Neerpal Rathi, XIMB, Bhubaneswar	27th March 2017	As Technical-Chair Person in a parallel track in International Conference on Peaceful and Prosperous South Asia- Opportunities and Challenges
24	Prof. Manju Singh, Head, Banasthali University	27th March 2017	As Technical-Chair Person in a parallel track in International Conference on Peaceful and Prosperous South Asia- Opportunities and Challenges
25	Professor Syed Inayet Ali Zaidi, Department of Tourism, Hotel, Hospitality and Heritage Studies, Jamia Millia Islamia	27th March 2017	As Technical-Chair Person in a parallel track in International Conference on Peaceful and Prosperous South Asia- Opportunities and Challenges

S. No.	Name and Affiliation of the Dignitary	Date	Purpose
26	Dr Sunita Rani, Agra College	28th March 2017	As Technical-Chair Person in a parallel track in International Conference on Peaceful and Prosperous South Asia-Opportunities and Challenges
27	Prof. Tapan Kumar Nayak, IMS Ghaziabad	28th March 2017	As Technical-Chair Person in a parallel track in International Conference on Peaceful and Prosperous South Asia-Opportunities and Challenges
28	Professor Nigel Garrow, Western Sydney University	16th May 2017	Meeting on research collaboration

Any other achievements or points which need to be highlighted

- First International Conference was organized by the Department: International Conference on Peaceful and Prosperous South Asia-Opportunities and Challenges (ICSA-2017) from 27th-29th March 2017.
- Published 4 special issues of International Journals for knowledge dissemination after the international conference
- Journal of Enterprising Communities: People and Places in the Global Economy (Emerald) (Indexed in Scopus, ESCI, Cabells and others)
- International Journal of Business and Globalisation (Inderscience) (Indexed in Scopus, Advanced Technologies with Aerospace (CSA) and others)
- International Journal of Learning and Change ((Inderscience) (Indexed in Scopus, Academic OneFile (Gale), British Education Index (EBSCO) and others)
- International Journal of Society Systems Science (Inderscience) (Indexed in Google Scholar, Expanded Academic ASAP (Gale) and others)
- Guest Editors of International Journals: Prof Alka Sharma, Dr Kanupriya Misra Bakhru, Mr Manas Ranjan Behera

Honors and awards received during the year

- Dr. Badri Bajaj received received “The 100 Best Global Coaching Leaders Award” from CHRO Asia and World HRD Congress in February 2017

JAYPEE BUSINESS SCHOOL

Jaypee Business School (JBS) was started in the year 2007 as a constituent of Jaypee Institute of Information Technology (declared deemed to be University u/s 3 of the UGC act). Now it is a leading business school amongst the new generation of B-schools in India. The mission of JBS is "to prepare and produce competent, passionate and market centric professionals who can manage human resources, business operations and ensure world class quality practices".

Master of Business Administration(MBA) Programme

The two years full time MBA programme is the flagship programme of the business school. In the first year, the students are offered the foundation courses in management as compulsory courses. In the second year a student is required to complete elective courses from functional and sectoral domains, along with few core courses of integrative nature. In addition these courses students are required to complete social and corporate internships and clear comprehensive viva-voce.

2015-17 Batch

Ninth batch of MBA programme had 91 students; they were divided into two sections. All the courses in the academic year 2015-16 for this batch were core courses. In the academic year 2016-17, four core, functional and sectoral specialization in Marketing, Finance, Human Resource Management and Operations Management and sectoral specialization courses in Financial Services, Information Science, International Business, and Business Analytics. Break up of students who opted for functional and sectoral specialization on offer is given below.

Functional Specialization	No. of Students
Finance	35
Marketing	42
Human Resource Management	10
Operations Management	4
Total	91
Sectoral Specialization	**No. of Students**
Financial Services	7
ICT	10
International Business	21
Business Analytics	53

2016-18 Batch:

Tenth batch of 65 students were selected through the rigorous admission process conducted during February – June 2016. The batch comprises students from diverse academic background across all undergraduate programmes with balanced gender representation. Students registered themselves in this batch on June 30, 2016 and their first trimester started after two days long orientation programme.

➢ IT Infrastructure and Facilities

JBS is one of the few Indian B-School which can boast of its state-of-the-art computing resources and network across the campus. It has Central IT Infrastructure for IT support. The main objectives of the dedicated Server Room (IT Infrastructure Center) are to provide easily accessible and excellent computational facilities, support to all members on all aspects of academic, research and recreational requirements, to implement and maintain IT Infrastructure and application software, to impart introductory and advanced instructions to users, generate trained manpower to maintain IT Infrastructure (Servers, Desktops, Data Security, University Network), to provide support to Institute computerization efforts, to do in house research & development, and to serve a user population of more than 4500 users consisting of undergraduate, postgraduate, research scholars, faculty and staff of the University. In addition, it also owns the responsibility to develop and implement application software for various needs of University like finance, payroll, results, MIS reports and electronic attendance system etc.

➢ LAB:

The JBS campus has been networked with 9 servers Compaq Alpha ES450, Compaq Proliant dual XEON Processors Servers ML370 and Compaq Proliant single Pentium Server ML330, ML350. Switching has been implemented through the latest layer 2/3 CISCO switches and Cisco 2620 Series Router. Jaypee Business School has 2 laboratories providing computational facility of more than100 computer nodes interconnected via LAN. These nodes are running on the Windows 2000/Windows XP/Linux platform and are equipped with state of art software, like SAP, SPSS, MatLab, MS-Project etc. JBS puts a great emphasis on laboratory work. While laboratories are also used for developing skills to use and apply various concepts, tools and techniques, their main purpose is to develop the general professional competencies through experiential and collaborative learning.

➢ Visiting/Guest Faculty

In order to provide contemporary industry perspective to the students, senior practitioners/executives from different industries were invited to interact with the students at following two levels:

Visiting Faculty: The executive from the industry and academicians were invited to teach full course to the students. A list of visiting faculty who taught to MBA students in this academic year are;

Name	Course Title	Period
Dr. Patrick McNamara, Professor, University of Nebraska, Omaha, USA.	Social Entrepreneurship	July-2016
Dr. Michael Leslie, Professor, Florida State University, USA	Leadership	July-2016
Mr. Daya Prakash, Founder and CEO, ADP Infosystems, Noida	Business in Digital Era	Oct-Dec-2016
Dr. Prachee Mishra, Ex-Faculty, JIM-Ghaziabad	Organizational Behavior-II Human Resource Management	Oct-Dec 2016 Jan-Mar 2017

Guest Lectures: Distinguished experts from industry and academia were invited to conduct sessions on contemporary issues prevailing in business from time to time. A list of guest faculty who interacted with JBS students is as under:

S. No.	Name	Designation	Company	Date of Visit
1	Mr Punish Oberoi	Vice President-Yes Bank	Yes Bank	July 2, 2016
2	Dr. Deepak Khajanchi	Associate Dean for Academic Affairs	University of Nebraska at Omaha	February 5, 2017
3	Mr. Amitabh Verma	Founder and CEO	AMP Digital	November 19, 2016
4	Prof. Patrick McNamara,	Director international Programs	University of Nabraska, Omaha, USA	Dec 22, 2016

Seminars and Workshops

These activities are organised for the students to participate and learn contemporary issues and skill sets required for grooming them beyond classroom.

- **Workshop on "Entrepreneurship Skills" during 22-23, August 2016**

  Speakers: Mr Vivek Agarwal, CEO-Liqvid, Mr Jaijit Bhattacharya, KPMG, Prof.Ashok Wahi, Prof.G.K. Agarwal, Dr. S.Suresh and Dr.Sujata Kapoor of JBS
  Coordinated by Dr. S. Suresh

- **Workshop on "Startup skills - New opportunties, New skills" on December 10, 2016**

  Speakers: Mr Gaurav Bansal, Registrationwala.com; Mr. Ajay Goel, Brite LED P.Ltd; Mr Sidharth Mishra, Extra Marks
  Coordinators: Dr. S. Suresh, Dr. Hima Gupta
  Sponsorship: Rs. 15000/-

Industry Visit on April 10, 2017

MBA 2016-18 batch students visited the state of the art, Maruti Suzuki Plant in Gurugram, and Moserbaer plant in Greater Noida along with faculty members. Students had a great learning experience in understanding management processes of the organization.

Faculty Development Programme

Competency Development Programme on Business Research and Analytics – June 19-24, 2017

The rise of Bigdata analytics is helping the world economy and business at large for more predictable behavioral pattern of consumers. To address these challenges, Business Research and Analytics programme was designed and conducted from June 19-23, 2017. The target groups were those management/ research professionals who are interested in research or are conducting research for enhancing knowledge in business and management, social sciences, and also for those working in contemporary areas of management to use business analytics for better decision making in their respective organizations. The numbers of participants in the programme were 32.

JBS Faculty – Conference Participation

Dr. Vandana Ahuja

- Attended the 3-days Aug-20-22, 2016 conference ICITQM-2016 in Korea.
- Invited to chair a track on Marketing Analytics at the International Conference on Information Technology and Quantitative Management, 2016, at Asan, South Korea.
- Presented a paper titled-Ahuja, V., Khazanchi,D., Creation of a Conceptual Model for Adoption of Mobile Apps for Shopping from E-Commerce Sites-An Indian Context, International Conference on Information Technology and Quantitative Management, Korea,2016.
- Invited to conduct a session on Digital Marketing, as part of Orrey, 2017 at Miranda House, Delhi University.

JBS Faculty as Resource Person:

Dr. Moonis Shakeel

Sl. No.	Details of Seminar/ workshop	Duration	Organized by	Contribution
1	R Programming training for Competition Commission of India officials, GOI	24/03/17 to 12/05/17	Competition Commission of India – Total 20 hours - Every Friday	Resource Person
2	Application of R Software in Big Data Analytics: International Conference on Digital Libraries	13-16 Dec 2016	TERI, Lodhi Road, New Delhi	Resource Person
3	Application of Data Analytics in Smart Libraries	11 August 2016	TERI, Lodhi Road, New Delhi	Resource Person
4	Data Visualization: ICT for Teacher Educators	Feb, 28 17 to Mar 2, 17	Department for Teacher Training and Non-Formal Education, Jamia Millia Islamia	Resource Person
5	Sensitization on Demonetization	23 Dec, 2016	Department for Teacher Training and Non-Formal Education, Jamia Millia Islamia	Resource Person

JBS Research Scholars:

Radhika Sharma, Research Scholar, presented a paper on Research Methodologies in Online Marketing, at the annual conference-Reaching Consumers of Emerging Markets, at IIM, Lucknow, Noida Campus. She has been awarded the Dr. Saji K.B. Nair Best Doctoral Student Paper Award (IIIrd Prize). This included a cash prize of Rs. 10,000.The paper was jointly authored by Radhika Sharma, Dr.Vandana Ahuja and Dr. Shirin Alavi.

Publications with JIIT Affiliation during academic year 2016-2017

1. Publications in International Journals

2016

Indexed in Scopus

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3. V. Rani, G. Deep, R. Singh, K. Palle and U. Yadav, "Oxidative stress and metabolic disorders: Pathogenesis and therapeutic strategies", Life Sciences, vol. 148, pp. 183-193, 2016.
4. N. Atale and V. Rani. SyzygiumCumini : An Effective Cardioprotective via its Antiglycoxidation Potential. Int. J. Pharm. Sci. Rev. Res., vol. 37, pp. 42-51, 2016. (SCOPUS)
5. N. Atale, S. Saxena, J. Nirmala, R. Narendhirakannan, S. Mohanty and V. Rani, "Synthesis and Characterization of Sygyziumcumini Nanoparticles for Its Protective Potential in High Glucose-Induced Cardiac Stress: a Green Approach", Applied Biochemistry and Biotechnology, doi:10.1007/s12010-016-2274-6.2016.
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7. L. Chakrawarti, R. Agrawal, S. Dang, S. Gupta, R. Gabrani. "Therapeutic effects of EGCG: a patent review''. Expert Opin Ther Pat. Vol. 26(8), pp.907-16, 2016. [Impact factor: 4.297]
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12. Raghav R. and Srivastava S. "Immobilization Strategy for Enhancing Sensitivity of Immunosensors: L-Asparagine-AuNPs as a promising alternative of EDC-NHS activated citrate-AuNPs for Antibody immobilization" Biosensors and Bioelectronics vol 78, pp 396-403, April, 2016. [Impact factor: 7.4, Indexed in Scopus]
13. Akshita Gupta, Shahrukh Husian, Shalini Mani. "Role of metals in Alzheimer's disease" International Journal of Life Sciences Biotechnology and Pharma Sciences; 2 (1), page 1-11, March-May,2016.
14. Basu S., Pant M., and Rachana R., "Protective effect of Salacia oblonga against tobacco smoke-induced DNA damage and cellular changes in pancreatic β-cells" Pharm Biol, vol 54, 3, pp 458-64, May, 2016 (Indexed in Scopus, Pubmed)
15. A. Verma, V.Singh, S. Gaur, "Computational based functional analysis of Bacillus phytases, '' Comput Biol Chem.,60 : 53-58, Feb, 2016.[Indexed in Scopus, Impact factor: 1.03]
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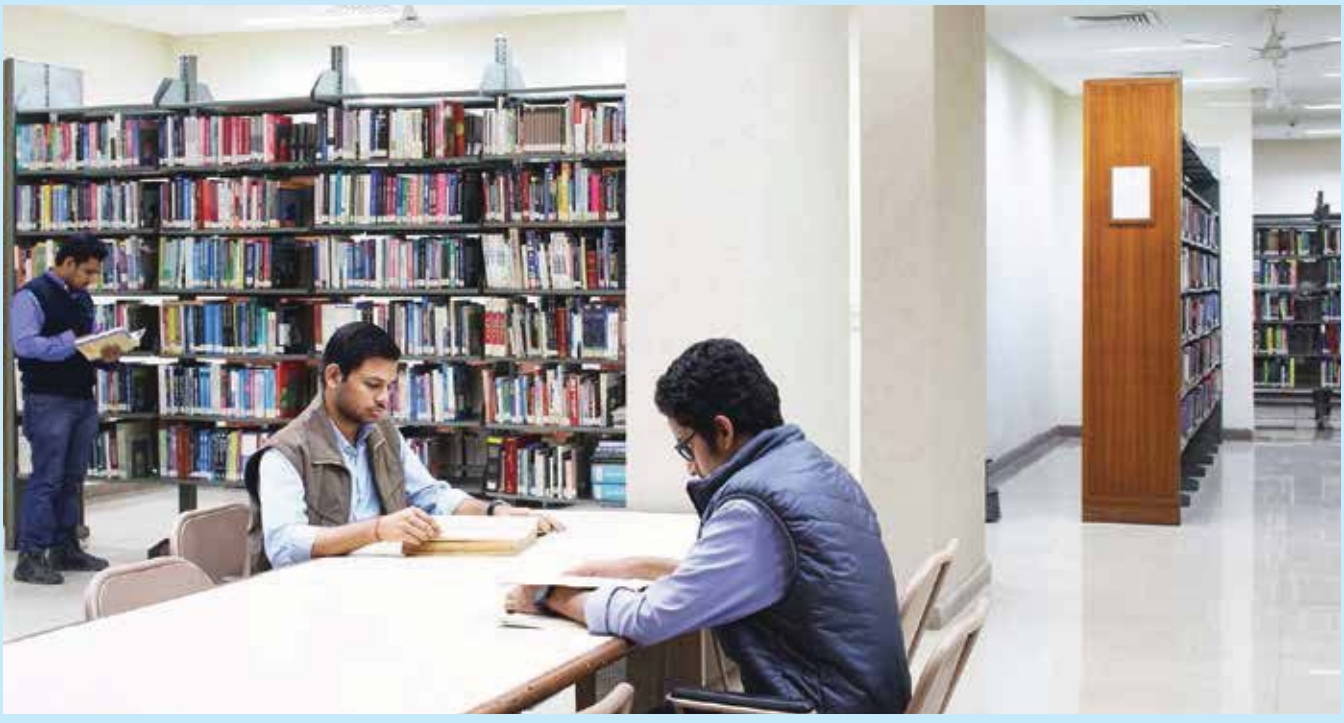
CENTRES

Learning Resource Centre (LIBRARY)



The Learning Resource Centre (LRC) at JIIT Noida is an excellent repository of learning resources. It can accommodate about 700 users at a time. It has more than 80 computer nodes with high speed Internet & Intranet connectivity. It is fully integrated with the latest barcode technology and international standard library management software Liberty. Users can access bibliographic details of the LRC resources through OPAC anywhere, thus providing 24 hours access a day. The LRC consists of latest collection of textbooks as well as reference books, national as well as international peer reviewed journals, magazines and electronic resources on subject areas covered by the academic curricula of the Institute and other universal knowledge. LRC has also made provisions to subscribe full text science and technology on-line journals and other national and international journals in printed form. It is also an active member of Developing Library Network (DELNET) and provides inter-library loan services to its users. The open access system has been adopted at all service points where users may browse and select material of their choice. LRC has implemented an anti-theft electromagnetic system at its main gate. It has undertaken two major projects for development of institutional repository for maintaining intellectual output of the institute i.e. LRC DRS and dynamic LRC website. LRC keeps itself updated Global practices with latest organizing conference/ workshops from time to time.

Following are the current resource collection in LRC JIIT 62 and LRC JIIT 128:-

(i) Books (as per Accession Register): **48062**

Department Wise

S. No.	Department	Total No. of Titles (Approx.)	Total No. of Volumes (Approx.)
1	Biotechnology	2501	6007
2	Electronics & Communication	2969	7934
3	Computer Science & IT	3934	12283
4	Mathematics	2581	6052
5	Physics, Materials Science and Engineering	1102	3051
6	Humanities and Social Science	6559	12735
	Total	**19646**	**48062**

Books (as per Accession Register): **8359** (Sector 128 Campus)

Department Wise

S. No.	Department	Total No. of Titles (Approx)	Total No. of Volumes (Approx)
1	Electronics & Communication	471	2219
2	Computer Science & IT	429	2456
3	Mathematics	226	963
4	Physics, Materials Science and Engineering	129	939
5	Humanities and Social Science	580	1782
	Total	**1835**	**8359**

(ii) Electronics Resources

ACM Digital Library

S. No.	Resources	No. of Resources
1	Journals and Transactions	49
2	Magazines	12
3	Proceedings	1003
4	Newsletters	69
5	Oral History interview	10
	Total	**1143**

IEL Online/IEEE Xplore Digital Library

1	IEEE journals, transactions, magazines	210
2	IEEE conference proceedings	19850
3	IEEE published standards	3512
	Total	**23572**

Springer Link and LNCS

1	Journals	586
2	Lecture Notes in Computer Science	8856
	Total	**9442**

ABI/INFORM Complete

1	Full text Journals	3800
2	Indian Journals	42
3	Full-Text Newspapers	40
4	Country Reports	220000
5	Country Daily Briefs	40000
6	Country Briefs	2000
7	Country Profiles	70
8	Dissertations & Theses	30000
9	Business Cases	6000
10	Market Research	4800
11	Conference Proceedings	1000
12	Annual Reports	7200
13	SWOT Analysis	1900
14	World Commodity Reports	40
15	Country Finance Reports	20
16	Country Forecast Reports	40
17	ABI/INFORM Archive	141
18	SSRN working papers	16400
	Total	**333493**

1	ACE EQUITY DATABASE	1 (One)

E-BOOKS

1	John Wiley & Sons	50
2	SIAM (Society for Industrial and Applied Mathematics)	377
3.	Pearson	204
	Total	**631**

DELNET (Developing Library Network)

DELNET is the network of more than two thousand libraries worldwide. Main and major purpose of this network is to share resources among member libraries. LRC JIIT is the member of DELNET and facilitates Inter Library Loan to research scholars and faculty members.

CDs/DVDs

There are about 4440 CDs / DVDs are available in Learning Resource Centre for users.

(iii) Print Magazines/Journals – 73 (JIIT Sector 62)

International : 5
National : 68

(iv) Print Magazines/Journals - 12 (Sector 128 Campus)

National : 12

(v) Newspapers - 40

(vi) Newspapers - 25 (Sector 128 Campus)

Resources Added during the year 2016-17

(i) Books (as per Accession Register): 2845

Department Wise

S. No	Department	Total No. of Titles (Approx)	Total No. of Volumes (Approx)
1	Biotechnology	76	151
2	Electronics & Communication	120	743
3	Computer Science & Information Technology	214	792
4	Mathematics	43	254
5	Physics, Materials Science and Engineering	35	135
6	Humanities and Social Science	460	770
	Total	**948**	**2845**

Books (as per Accession Register): 1152 (Sector 128 Campus)

Department Wise

S. No.	Department	Total No. of Titles (Approx)	Total No. of Volumes (Approx)
1	Electronics & Communication	38	277
2	Computer Science & IT	96	391
3	Mathematics	36	201
4	Physics, Materials Science and Engineering	14	81
5	Humanities and Social Science	64	202
	Total	**248**	**1152**

IT Infrastructure Centre

JIIT is one of the few Indian universities, which can boast of its state-of-the-art computing resources and network across the campus.

JIIT has Central IT Infrastructure Center for IT support. The main objectives of the dedicated Server Room (IT Infrastructure Center) are to provide easily accessible and excellent computational facilities, support to all members of JIIT on all aspects of academic, research and recreational requirements, to impalement and maintain IT Infrastructure and application software, to impart introductory and advanced instructions to users, generate trained manpower to maintain IT Infrastructure (Servers, Desktops, Data Security, University Network), to provide support to Institute computerization efforts, to do in house research & development, and to serve a user population of more than 4600 users consisting of undergraduate, postgraduate, research scholars, faculty and staff of the University.

In addition, it also owns the responsibility to develop and implement application software for various needs of University like finance, payroll, results, MIS reports and electronic attendance system etc.

General Computing Facilities:

Dedicated and secured Data centre. The Server Room is equipped with Intel Nehalem Quad-Core Servers for high performance windows 2008 R2 / 2012 Computing Server, Intel Xeon servers with multiple processors, High end Intel Pentium servers with multiple processors, various engineering and technical computing softwares, network management tools, Client/Server Database computing System connected over a switched fast Ethernet with Optical Fiber backbone. All computers are a part of Windows Domain Controller with support of additional domain controllers. For our printing needs we have 19 heavy duty Network Laser Printers, two Line matrix printers, 65 desktop printers and 17 multi function printers. Central Antivirus server provides security for entire network.

Hardware Configurations (Servers and Desktops):

Servers:

Sr. No.	Location	Server Configuration	Qty.
1	JIIT Sector 62	Intel XEON 8C E5 Octa Core	3
		Intel Nehalem Quad-Core Servers	12
		Intel xeon processor servers	7
		Proliant ML series servers	3
		Cyberoam 1000ia Firewall	2
2	JIIT Sector 128	Intel Xeon G5 / G7 series Dual Core	3
		Intel Xeon Quad Core	5
		Cyberoam 500i Firewall	2
		Total	**37**

Desktops/Laptop:

Sr. No.	Location	Server Configuration	Qty.
1	JIIT Sector 62	Intel Xeon E3-1225 Processor	20
		Intel Core i5	381
		Intel Core i3	300
		Intel Core2Duo	350
		Intel P-IV Desktops	187
		Laptop	7
2	JIIT Sector 128	Intel Core i7	9
		Intel Core i5	20
		Intel Core i3	470
		Intel Core2Duo	110
		Laptop	2
		Total	**1856**

Engineering, Technical Computing and General Use Softwares.

Software Name	Software Name	Software Name
3-DMax	LabView	PSPICE
Ace Equity	LANTanner	RationalRose
Adobe Software Suite	LotusDomino	SAP
ADS	Macromedia Software Suite	SigmaPlot
Animo	Mathematica	Softlink Liberty
BorlandC++	Matlab	SPSS
Gaussion	Memspro	SymantecAntivirus
HEP-I	MSOffice	Virtuoso (Cadense VLSI UG Bundle)
Illustratorpe	MSProject	VisualStudioNET
Jboss	Oracle11g	Xilinx
KEIL	Photoshop Pe	Synopsys

Database Service.

The Server Room has a Client/ Server Database Computing System- Oracle 11g with Developer 2000 version 6.0. At the front end, the platform is Windows XP / Widnows7 / Windows 8.1 and at the back end, Intel Xeon based RedHat Enterprise Linux.

Network Services.

The whole campus is interconnected through a highly secured Virtual Private Network, where over 3000 PCs are connected to the internet through Internet Leased link connections whilst 36 hi-end servers power the network for 100% redundancy and efficient data management. Completely automated High end Biometric systems for attendance of faculty and staff. Eight biometric reader machines have been installed in different academic blocks for capturing the attendance of the faculty and staff.50 bullet cameras & 192 dome cameras, 21 DVRs to monitor the various buildings including Academic areas, Faculty residence, Hostels and grounds.

The institute Local Area Network (LAN) is a state of the art switched network with Fiber Optics Backbone and enhanced CAT6/CAT6a UTP for providing seamless connectivity. It consists of more than 8000 network access points spread using 109 Cisco Switches, 4 Routers, 288 Wireless access points and 28 VLANs to provide the needed scalability, security and traffic control. The network access is provided to every room in student's hostel, faculty & staff residence, doctors at JIIT Hospital, cafeteria & mess (Annapurna), laboratories and rooms in guest houses.

JIIT Campus has an excellent Internet connectivity, provided through a router, Cyberoam firewall. We have 1.10 Gbps (1:1) leased circuit from BSNL NKN (1 Gbps) and AIRTEL (10 Mbps) on OFC. Apart from Internet and Intranet many more services including mail, web, library book search, domain name, anti virus and software upgrades are being provided over this network.

JIIT has Cyberoam 1000ia and Cyberoam 500i in HA mode installed for ISPs load balancing, fail over and Malware / Spyware / Spam detection, content filtering and anti-virus protection at the gateway level. Lotus Domino is being used by JIIT for its official mailing services.

Apart from above all Lecture Theaters and major class rooms are equipped with Projection System

New Additions:

Desktop Systems	:	Lenovo P310 Workstation- Intel Xeon E3-1225 Processor 15 Nos Intel Core i5-6400 Processor6thGen246 Nos
Server	:	X3650 M5 2XIntel XEON 8C E5 Octa Core 2630 V3, 2.5Ghz 1 Nos
Network Switches	:	Cisco WS-C2960X-48TS-L Qty 3 **A** Cisco WS-C2960X-48PS-L (POE) Qty 2 **A** WS-C2960X-24PS-L (POE+) Qty 1 **A**
Wi-Fi Access Point	:	WAP321-A-K9 Qty 16 (J 62) **A**
Printers Desktop	:	5 Nos **(Till HP1020+) A**
Printers Network		
Multi Function Printer	:	1 Nos. **(Till HP Officejet-7612) A**

ONGOING PROJECTS

Sl. No.	Particulars	DoS	DoE	Project Holder	Project Cost	Titled
1	DST-II Project	5-Mar-15	4-Jun-17	Dr. Sujata Mohanty	34,10,000	"Studies on the Phylogenomics and Population Genomics of India Drosophila"
2	DST Project	07-Jul-17	06-Jan-18	Pragya Bhardwaj	19,61,936	"Studies on production of therapeuticaly important saponins using in-vitro culture of Bacopa monnieri"
3	DST Project	8-Sep-15	7-Sep-18	Sunita Gupta	15,95,000	Rational Structure-based development of potent inhibitors targeting mycobacetrial cysteine biosyntheticpathway: in silico and experimental drug design against M. tuberculosis CysE
4	DST Project	19-Dec-15	18-Dec-18	Sonali Dubey	32,60,000	"Differential expression pattern of miRNAs in rice root during Cr(VI) stress"
5	DST-III Project	12-Feb-16	11-Feb-19	Dr. Anirban Pathak	39,50,760	"Entangled and other nonclassical states and their applications in the field of quantum comutation and communication"
6	DST Project	2-Jun-16	1-Jun-19	Dr. Sandeep Chokher	10,98,900	"Structurally manipulated stannate nanostructures for magnetic and optoelectronic applications"
7	DST Project	20-Mar-17	19-Mar-20	Dr. Mukesh Saraswat	26,31,640	"Design and Development of a Cognitive System for Leukocytes Identification in Hematoxylin and Eosin (H&E) Stained Rat Skin Images"
8	DBT Project	12-Sep-13	11-Sep-17	Dr. Vibha Gupta	44,11,534	"Structural Biology of Cyse from pathogenic organisms - Potential for rational drug design"
9	DBT-III Project	20-Mar-14	19-Sep-17	Dr. Sanjay Gupta	18,11,550	"Development of reagents for simple immunochemical tests for the detection of Chikungunya infection"
10	DBT (BCIL) Project	17-Jan-17	16-Jan-20	Dr. Indira P. Sarathy	22,21,000	"Potentially novel carbohydrases (cellulase and related enzymes) for waste management from functional metagenomics library of North East India biodiversity hotspot"
11	ICMR	21-Dec-15	31-Jan-19	Dr. Sanjay Gupta	33,00,000	"Identification of celluar targets of chikungunya Virus non structural proteins"
12	DRDO Project	12-Feb-16	11-Feb-19	Dr. Anirban Pathak	34,60,400	"Design and cryptanalysis of protocols of secure quantum communication"
13	DST - Inspire Fellowship	1-Jul-12	30-Jun-17	Mr. Anshuman Sahai	18,62,240	"Synthesis and Characterization of Metal Oxide Nanostructures"
14	DST - Inspire Fellowship	11-Jun-12	10-Jun-17	Ms. A. Ibeyaima	18,02,402	"Bioprospection of actinomycetes from Indian Desert for antimicrobial and other natural product of industrial importance"

Sl. No.	Particulars	DoS	DoE	Project Holder	Project Cost	Titled
15	DST - Inspire Fellowship	20-Feb-15	19-Feb-20	Ms. Garima Agarwal	12,30,000	“Identification of Peptide/Protien Binders of Chikungunya Virus”
16	DST - Inspire Fellowship	24-Aug-15	23-Aug-20	Ms. Dibya Rani	8,16,121	“Nanoparticles based vaccine development against Hepatitis E Virus”
17	DST - Inspire Fellowship	9-Jun-16	8-Jun-21	Mr. Rahul	3,80,000	“Fabrication of Nanotechnology Based Point-of-Care Device for Thyroid Disease “
18	DST - Inspire Fellowship	1-Jul-16	30-Jun-21	Ms. Monika	3,80,000	“Development of potential inhibitors to target isocitrate lyases of Mycobacterium tuberculosis”
19	ICMR - Fellowship	11-Aug-14	10-Aug-19	Nidhi Srivstava	14,73,312	“Bioprospection of microorganisms from selected niche habitat(s) (soil/ rock) for antimicrobial activities”
20	UGC NET-JRF	22-Sep-14	21-Sep-19	Ragini Gupta	6,90,257	“Impact of Leader’s Emotional Intelligence on psychological climate, engagement and creativity of employees”
	Total				4,17,47,052	

INTERNATIONAL LINKAGES

The Institute has developed collaboration with some foreign educational Institutes.

Collaborating University/Organization	Salient Features
The Alliance of 4 Universities (A-4U) of Spain Univeritat Autonoma De Barcelona(UAB) Universidad Autonoma De Madrid(UAM) Universidad Carlos III de Madrid(UC3M) Universitat Pompeu Fabra(UPF	Acknowledges the importance of fostering inter-university relations, enhance relations in matters related to academic education, science and research, culture and human capital development, sharing of information and knowledge, and any other aspects which aim toward the internationalization of higher education, in accordance with the legislation of the respective countries. Area of activity for development of the specific programmes of common interest include: • Student Exchange- Each University to establish the procedures to select its own students who wish to participate in the programme. The exchange student shall be exempt from paying registration fees at the host University. (Further details, as per the program announced from time to time by respective Universities.) • Faculty Exchange • Joint research projects • Online student research • Graduate and post graduate research co-supervision • Dual degrees • Sharing of knowledge, regular dialogue, and reciprocal visit programs; sharing of information of best practices in higher education • Identifying funding, internships, or any other kind of cooperation opportunities • Joint cultural programs, conferences, workshops and seminar development; training programs • Any other collaboration possibility
University of California, Berkeley	UCB and JIIT recognize the value of educational, cultural and scientific exchanges between Universities and thus encourage: • Exchange of Faculties and Researchers- Travel and accommodation will be the responsibility of the sending institution. • Exchange of graduate students- In each academic year, upto four qualified students. Selection of students shall be made jointly by both institutions. (Further details, as per the program announced from time to time by respective Universities.) • Exchange academic materials of mutual interest including scholarly publications, curricula information and pertinent research reports • Invite representatives of each other's academic community to participate in conferences and colloquia Further UCBE and Jaypee Education System also acknowledge cooperation in mutual fields of academic interest for purpose of developing specific education and training opportunities and programmes.

Collaborating University/Organization	Salient Features
	• UCBE to provide academic & organizational development assistance as well as education & training activities in a number of fields and subjects including:- ❖ Design of curricula for proposed undergraduate and postgraduate studies. ❖ Development of appropriate faculty profiles. ❖ Internship opportunities with United Sates companies. ❖ Establishment of periodic quality assurance practices and procedures. ❖ Exchange of students ❖ Exchange of faculties and instructors ❖ Distance learning opportunities. • Additionally UCBE in collaboration with Jaypee may offer short professional training courses
University of Florida, Gainesville, USA	• To enhance the academic interchange between the two institutions, the parties desire to promote exchange between the faculty and students as well as the exchange of academic and research information. • Specific projects in an area of educational interest will be selected as a result of coordination between University of Florida and Jaypee. • University of Florida has launched a 8th Semester programme for students of Jaypee Group of Universities- Under this 8th semester students will be selected to spend one semester at University of Florida to earn a Senior Certificate in Computer Science and Engineering. Successful completion of this Certificate requires students to complete a minimum of 12 credits of approved courses at University of Florida with a grade of C or better on each course. • University of Florida is offering engineering professionals located in India, the opportunity to earn a Master of Science Degree through Electronic Delivery of Graduate Engineer program ("EDGE Program") at JIIT in subject areas- Civil and Coastal Engineering, Computer & Information Science Engineering, Electrical & Computer Engineering, Environmental Engineering Sciences, Materials Science & Engineering and Mechanical & Aerospace Engineering.
University of Nebraska, Omaha, USA	The objective is to promote contact and collaboration between faculty, staff and students, carry out joint research programmes and exchange experiences in education research. Activities include: • Exchange of Information & Experience-Joint meetings and Joints workshops • Faculty Exchange • Student Exchange – Students to be officially nominated by representatives of the respective University. Specific details of courses to be taken during exchanges or projects to be undertaken shall be approved by respective faculty. Both Universities to consider student tuitions on a case-to-case basis. The host institute will arrange accommodation. Travel costs and living costs are the responsibility of the exchange student. (Further details, as per the program announced from time to time by respective Universities.) • Joint cooperative research projects • Coordinated Graduate Degree programs • Continuing and Distance education

Collaborating University/Organization	Salient Features
University of Abertay Dundee (UAD), Scotland, United Kingdom	The MOU aims at: • Academic Partnership in areas of MSc Smart Systems, MSc Internet Computing and MSc Information Technology. • Develop and operate fees sharing model for combined study collaborative projects at PG level where the in-country partner in India develops a new post graduate certificate level award that Abertay can recognize as granting entry with advanced standing to post graduate diploma level at Abertay, with potential to progress to Masters level. • Identify articulation roots for JIIT students to pursue research at UAD. • Allow for JIIT faculty development in teaching and research at UAD. • dentify and develop further links between UAD and JIIT that may be of mutual benefit to both partners
Cheng Shiu University, Taiwan	The MOU aims at: • Student exchange program- Eligibility for participation in the program shall be based on mutual consultation and governed by policies and procedures at each institution. In addition both universities shall adopt a bilateral articulation policy for the academic achievement of students, including credits, transfer, and academic degrees (Further details, as per the program announced from time to time by respective Universities.) • Faculty exchange program • Joint researches and activities such as mutual visits, research projects, collaborative workshops, distance teaching activities with the purpose of promoting education quality and academic achievements

ACADEMIC ADMINISTRATION

Admission Process

- **UG Program:**

  The admissions in the academic session 2016-2017 were carried out through a counseling process conducted by the Institute, based on merit drawn on overall JEE (Main) ranking.

  Further admission to the Programs in biotechnology was carried out based on merit in the 10+2 examination as also merit of JEE (Main) ranking.

- **PG Program:**

  The admission for M. Tech programs was based on GATE score / Post Graduate Entrance Test conducted by the Institute for eligible candidates.

  Similarly admission to MBA program was based on CAT/MAT/CMAT Score followed by Written Communication Skill Test and Group Discussion/ Interviews.

- **PhD:**

  The selection was done through written test and interview of short listed scholars, based on their Qualifications and credentials. Candidates who had qualified UGC-CSIR/NET exams were exempted from the written test.

Faculty

- The Unique feature of the Institute is the high quality of faculty on its rolls. The list of the Faculty along with qualification is as per Appendix-D.
- Visiting /Guest Faculty

  The Institution further has some eminent Academicians as also eminent industry person on its rolls as visiting faculty for conduct of specialised classes. Currently there are 6 guest faculty members associated with the University. In addition specialists' faculty of institutes of JES in respective fields also visits all the Institutes of JES.

Scholarships

- **Prof William C Webster Merit & Means Scholarship:** Jaiprakash Sewa Sansthan has set up an initial corpus of Rs. 20 lacs for the Prof William Webster Merit Cum-Means scholarship. The scholarship is provided to the students admitted to the Jaypee Education System across the three campuses. Eligible students get a tuition fee waiver for the year upto one semester tuition fee. The scheme was started in the year 2004-05.
- **Admission To Meritorious Students :** The Management has approved that students who take admission in the first year of the 4-year UG program, with an All India Rank of less than 1000 in the JEE (Main) conducted by CBSE, shall be provided free education for the entire duration of under graduate program.

JIIT YOUTH CLUB (JYC)

JYC Activities at Sector-62 campus

JYC is the sole student body of the college that believes in furthering the holistic development of the youth and strives to provide a nurturing climate, a trusting environment, and a soil of celebrations. With events, fests, parties, and treks the club aspires to maintain high levels of enthusiasm and team integration. Be it the colors of cultural club, or the parley of the literary hub, be it the mechanics of the robotics or expertise of the technical club, JYC offers it all! Apart from serving as a retreat from intense academic loads, these extracurricular activities present an opportunity that builds confidence, encourages teamwork and gives students a strong sense of achievement and belongingness.

Crescendo-Music Hub- Dr. Krishna Sundari

Events conducted:

Cyber Srishti 2016, Date: 7-8th May 2016 – The hub was involved in the inaugural ceremony and the cultural evening (on the second day) organised in the Technical fest of the college, for a light cultural evening.

Crescendo Hub Orientation and Karaoke Session, Date: 11th August 2016 – This was the annual orientation programme the hub members organize for the freshers, to introduce them to the hub and its activities along the year, followed by a fun karaoke session.

Ebullience 2016 (By Jaypee Youth Club) ,Date: 27th August 2016 – The annual Fresher's Party saw enthralling performances by members of the music hub, among other performances by Jhankaar and Radiance.

The Joust (By Parola) closing cultural programme,Date: 8-9th October 2016 – The closing ceremony, on the second day of the literary fest organized by Parola had performances by members of Crescendo, after the daylong activities of the fest.

JIIT Unplugged (by Crescendo),Date: 14th October 2016 – This was a major event organized by the music hub, which encourages maximum participation from members of the hub and the new students joined college, for various impressive group performances.

Impressions 2017,Date: 25-26th February 2017 – The Annual Fest of our college had 3 events organized by the Music Hub:

Antakshari- (Day 1) – This fun event attracted mass participation from students of all years, who had to guess songs from given clues. The event took place in 4 rounds.

Euphonium - (Day 1) This was an competition introduced for the first time by the hub, for all instrument players. Contestants ranged from Indian instrumentalists such as Flute, Tabla and Dholak players to brilliant Guitar and Keyboard players.

Voice of Impressions- (Day 2) It was the major event of Solo Singing competition organized by the hub, that invited participants from other colleges as well. The winners were rewarded with prize money along with other goodies.

CICE-Mr. Atul Kr. Srivastava:

Creativity & Innovation Cell in Electronics - CICE is a Technical club in JIIT that aims to teach and help people in understanding the seemingly incomprehensible electronic gadgets in the world today, and also assists people in developing their own devices. It is a hub where we try to take innovation to a new level and actually try to implement all the ideas practically in various formats. Various lectures, workshops as well as competitions throughout the year concerning both analogue as well as digital electronics keep the calendar busy and the participants, learning. In this rapidly moving world, where everyday a new technology comes into existence, it is extremely hard to keep abreast with all the technical know-how, but if our basic concepts are intact then we can aim for the top. Innovation, Imagination and Application.

The whole idea behind this hub is to promote and implement innovative ideas through various lectures and workshops.

Event Details:-

S.No	Special Lectures/Workshops/ Seminars	External Expert(s)	No. of Participants	Date
1	Orientation Session	Student Volunteer	260	2nd September, 2016
2	Workshop on MATLAB	Student Volunteers	74	19th to 26th September, 2016
3	Workshop on VERILOG-HDL	Student Volunteers	58	16th to 22nd November, 2016
4	Electronics Project Exhibition	Student Volunteers	82	3rd December, 2016
5	Wireless Communication Workshop	Student Volunteer	144	12th to 17th January , 2017
6	Seminar On Internet of Things	Student Volunteers	220	16th January , 2017
7	Electro Mania (Impressions 2017)	Student External	84	25th & 26th February,2017
8	Circuit Hunt (Impressions 2017)	Student External	93	25th & 26th February,2017
9	AVR Microcontrollers Workshop	Student Volunteers	70	11th to 18th April,2017
10	Circuit Mania (Cyber Srishti 2017)	Student External	134	22nd & 23rd April,2017
11	Project Exhibition (Cyber Srishti 2017)	Student External	63	22nd April,2017

Ribose- Dr. Ashwini Mathur, Dr Chakresh Kumar Jain and Dr Smiti Gaur.

Events conducted:

THE LIGHTNING IDEA (1 0CT 2016)-The student volunteers contacted the alumni of Biotechnology dept. Mr. Gaurav Kumar and Mr.Atul Pandey , to share their golden advice and experiences over the years after college

in sinuating their startup GRALIT INDIA PVT. LTD, Noida. The event was attended by students and faculty of the Department and was a great learning experience for the students

INSIGHT (10 NOV 2016)-Another student alumni interaction was organized to extend an understanding to explore the career prospects in India and abroad. Dr. Shrey Kohli addressed the students about his latter academic life in Otto Von Guericke University in Magdeburg , Germany, and motivated the students for exploring career in research

THE INQUILAB CATECHIZE (24 JAN2017)-The student volunteers invited all students to showcase their history buffs through a quiz competition organized on Republic Day. This initiative helped to bring to life the glorious past of our magnificent nation.

FAREWELL TO FIGHTERS (30 JAN 2017)-Another event was organized on Martyr's Day in order to pay our tributes to the holy souls who sacrificed their lives for our better tomorrow. Students wrote their messages and feelings on sticky notes placed on a board outside ANNAPURNA (Mess).

TARDIS INSIDE (25 FEB 2017)-It was organized during IMPRESSIONS 2017 (Annual Cultural Fest) which gave a way to students to ace their creativity. Students were supposed to play with words and dig out the knowledge for the retro movies for solving the riddles.

BESQUEDA DEL TESORO (25 FEB 2017)-This event was organized by the student volunteers during IMPRESSIONS 2017 to check the IQ of students by their mystery solving skills.This event was related to forensic sciences and fully biotechnology based.

DAWN OF 90's (26FEB 2017)-The final event organized by the RIBOSE team during IMPRESSIONS 2017 which further checked the movie buff in the students by means of the ever so interesting RETRO DUMBCHERADES. This event was fully theme based.

Indivisible India (23 Aug., 2017)-To celebrate the freedom and to pay tribute to our freedom fighters of our country, students participated in this periodic event which was held on 23rd August 2017. Quiz contest was organized based on the theme of Indian History. 60 students participated in the Quiz competition and winners were duly certified. Winners of the Event – Saurabh Gupta and Shashwat Sahai (3nd year CSE). Shailja Mishra and Anurima Saxena (2nd year BT). Akhil Sharma(3rd year IT) and Shivam Vats (2nd year BT).

Student Alumini Interaction (Lightning Ideas 2.0)-Ribose organized 'Lighting Idea 2.0 on 11th Nov., 2017, in which alumni/alumnae working in the core area of Market Research and Analysis were invited to interact with students of the Department and to append them about the future prospects in the core area of Market Research. Around 75 students along with faculty members of the Department have attended the interactive session.

It's Our Earth- Dr. Swati Sharma

Events conducted:

DATE	EVENT	DESCRIPTION
5th September 2016	Tree Plantation	It's Our Earth took an initiative to conduct a tree plantation event which was inaugurated by Prof S C Saxena, Vice Chancellor JIIT. 40 saplings were planted by JIIT faculty, members and students in the college premises
16th September 2016	Poster Making Competition	On the occasion of World Ozone Day IOE organised a poster competition on the theme "OZONE LAYER CONSERVATON" to create awareness regarding environment conservation. Thirty individuals enthusiastically presented the posters. Winners selected by Dr Sharmistha and Ms Puneet Pannu were rewarded with certificates.
15th October 2016	Diya Painting Competition	To spread happiness IOE organised a Diya Painting event with the underprivileged kids in the slums of sector 63. Painting material was provided to slum kids and were assisted by the IOE volunteers.
22nd October 2016	Cracker Free Diwali	Since it was festive week it was our duty to remind everyone about the increasing pollution levels by celebrating smoke-free Diwali. This campaign sought support for crackers free Diwali by pledging through hand impressions.

DATE	EVENT	DESCRIPTION
19th January 2017	Article writing	It was more of expressing students' thoughts rather than impressing others. IOE organised a competition to allow others to write their views on various topics concerning youth e.g. politics, drugs, degrading environment etc. Thirty entries were received.
2nd February 2017	Quit Weed and Succeed	In order to get honest views of students on the growing consumption of drugs and its ill effects , IOE took the initiative to organise the event where everyone can let their thoughts out.
25th February 2017	Think!Wink! Act!	One of the most successful events ever held in the Impressions. IOE team organised a three round gaming competition for the JIITians. Winners were rewarded by JYC.
26th February 2017	Vamanos	Treasure hunt competition on the second day of Impressions'17. Got a heavy crowd and students participated in full enthusiasm. Winners were rewarded by JYC.
6th August 2017	ROLL CAMERA ACTION	It was conducted in teams of two and they had to make Dubsmash, musical videos, boomerang, memes etc related to the social topics given to them. Winners were awarded with certificates and exciting prizes. Winners were Rupali Jain, Kumari Shreya, Hrashvardhan Singh Deopa, Palash Rai, Palak Arora, Rachit in different segments.
11th October 2017	Cracker Free Diwali	In this event teachers and students participated and shared their views on social negativities and their impact on our society. Students also left their hand impressions on a decorated white sheet showing their support in this event.
19th November 2017	Slum Visit	A 'Slum Visit' where we conducted a sports meet for the children of the slum and awarded winners with food prizes. Also we distributed biscuits to all the participating children.

The Page Turner Society- Prof Sanjay Gupta, Dr. Indira P Sarethy

PageTurner Society is a hub of Jaypee Institute of Information Technology, Noida which aims to encourage reading and discussion of literature.

Events conducted:

S.N.	Event Description	No. of Participants
1	Everybody has ability and everybody matters, it's all about acknowledging it. At Adwitya, we're trying to create a society that develops a rapport with and encourages the specially abled. For this purpose Adwitya organized an event named "Innovativtive ideas for making a better world for the specially-abled".	Students (30)
2	"Disability only becomes a tragedy when society fails to provide the things needed to lead one's daily life." Adwitya welcomed everybody at JIIT, Noida with an open heart in the event 'Empowerment of the specially abled' which was a platform to pen down their ideas on how to emancipate the disabled. Students, faculty and non teaching staff actively participated in the event and jot down their ideas.	Students (400), Faculties & Non teaching staff

Radiance- Dr. Chetna Dabas

Events conducted:

Ebullience 2016-**Event: Mr & Ms Ebullience 2016**

Impressions 2017

Event 1: Mr & Ms Impressions 2017

Event 2:Theme Walk 2017

Event 3: Mini Stars 2017

Ebullience 2017-Event: Mr & Ms Freshers 2017

Parola-Literary Hub- Ms Puneet Pannu and Dr. Santosh Dev

After The Joust 2015, a successful initiative of the Literary Hub Parola ; the battle of wits, words and wisdom came back in the 2016 edition, with some incredulous surprises. This time, it saw a participation of over 150 students from over Delhi - NCR and around 30 participants were selected from JIIT after two rounds of auditions. The Joust 2016 provided the students of various colleges with an exhilarating escape and allowed them to discover the realm of the literary world on October 8-9, 2016

Events conducted:

- **CLIMAX :** Climax was a two round debate event on the topic 'Desire for America'. It was based on the views the nominees have had during their campaign.
- **JUDAS :** Judas was a turncoat event where the participant had to debate 'for' and 'against' the topic. Each participant was assigned a topic on the spot, for which he had a preparation time of a couple of minutes. It was a solo contest, unlike other debating forms.
- **CYNOSURE :** was a bilingual poetry slam event that allowed students to unfurl the sensitivity and find meaning in little serendipities of life. The students were allowed to perform at the event.
- **HISTORIC INDIAN COMMITTEE :** This was an educational simulation in which participants implemented their knowledge of Indian history and diplomacy. An event which involved researching, public speaking, debating and writing skills, in addition to critical thinking, teamwork and leadership qualities. The agenda of the committee was the '1942 Quit India Movement'
- **QUOTIDIAN :** To emphasize the importance and power of writing and observation, the students were presented an opportunity to pen down the event through the Quotidian.
- The two day literary fest ended on a high note with the winners receiving awards and being honored with mementos for their achievement.
- **Jaypee Model United Nations 2017 launch on November 15, 2016. Mr Kunal Arora, the founder of Education Tree** was the chief guest
- **Jaypee Model United Nations 2017** was held on **January 21-22, 2017. Mr Ajay Mittal,** the owner of **Old Tehri Café** was the Chief Guest
- JMUN 2017 saw tremendous participation, an unprecedented level of debate and deliberation and an unparalleled learning experience for delegates from reputed schools and colleges from all over India. The event witnessed the participation of more than **500 enthusiastic delegates.**
- JMUN 2017 saw the simulation of five challenging yet enticing committees which gave the participants a chance to question the norms, relive the history, ponder upon the grim realities and engage in an earnest debate. The **five committees** which were simulated in the seventh edition of Jaypee Model United Nations were:
  - United Nations General Assembly - DISEC
  - United Nations Human Rights Council
  - Council of Europe
  - Lok Sabha
  - Commission on the status of women

  JMUN 2017, with enthusiastic delegates, meticulous organizers and unique committees was not only a success but also a memorable experience.
- **The** Joust **2017, Literary Festival of JIIT** was held on the **October 7-8, 2017.**
- This literary carnival was the amalgamation of **seven events** that honed the literary edge of every individual who was the part of this festival. Intense debating and young minds foreseeing solutions to contemporary problems was showcased in the three committees of **UP Stakeholders Meet, Lok Sabha** and Whitehouse **Situation room.**

The Joust'17 provided an opportunity for learning through application of a participant's vision and foresightedness through **Reseau,** the photography and **Quotidian,** the journalism event. The festival also gave voice to events when most avid students through the art of expression and wording, showcased through the committees, **The Verbal Crusade and Cynosure.**

The third edition of The Joust'17 was one in a lifetime experience where words envisaged wisdom.

Jhankaar-Dance Hub- Dr. Smriti Gaur

Events conducted:

Time	Event Description	No. Of participation	Prizes/Winners
25-26 February 2017	Impressions 2017 was organized by Jaypee Youth Club in collaboration with all the hubs from the college. Students from JIIT Sector-62 and sector-128 as well as from other institutes attended and participated in the two day long fest. The three main events were group dance, solo and on the spot performances. Around 20 troupes participated, representing both western and Indian dance styles, while there were more than 70 performances in solo and on the spot events each. Cash prizes were awarded to all the winners and trophies were also given to winners of group dance. In a nutshell, the fest was a spectacle worth witnessing.	Group Dance- 20 teams (outside the campus and JIIT sector-128 as well as our college team). Solo- 70 members (outside the campus as well as from our campus). On The Spot- 60 members (outside the campus as well as from our campus).	**Group Dance-(Western)** First prize won by Zeal Society, Delhi University. Second Prize won by Verve Dance Society of Shri Venkateshawara college (DTU) **Classical:** First Prize Khappis- The Bhangra Troupe of JIIT-62 Second prize won by Nrityang of JIIT-62. **Solo-** First Prize- Shikha Sinha (Mata Sundari College, DU,)
3rd October 2017	Garba night 2017 was organized by Jhankaar in association with the Jaypee Youth Club. The event took place at OAT where students were given a chance to tap their feet's to the beats and dance their heart out at the latest music. To make the evening even more exhilarating there were three separate performances by Music Made Visible, Nrityang and Khappis. All in the entire event was an unforgettable experience.	All students of JIIT-62	No such prizes
External Participation (November 2017)	Duet Dance Competition in North Cap University, Gurgaon	Participation in Duet competition in NCU Gurgaon.	Shaurya Kalia and Varun Garg, participated in Duet Competition in NCU Gurgaon in their annual fest and won second prize and the prize is money was Rs 1000/-.

Thespian Circle-Drama - Dr. Santoshi Sen Gupta

Events conducted:

Event Name	Date	About	No of Participants	Winners
Voting Street Play	30-01-17	A unique attempt of a street play on the stage, this play emphasized on the importance of voting in elections. This play was praised by the Election Commissioner himself.	22	None
Social Outreach Voting Street Play in Manoj Viihar, Indirapuram, Ghaziabad	04-02-17	A street play is of no use if not performed among the masses to spread the awareness. Having this feeling in guts and getting the invitation from a faculty of JIIT, The Thespian Circle performed the voting street play in a housing society and was praised by all.	31	None
Voting Street Play in Sector-128	05-02-17	As a complete and pure street play, this was an energetic and a musical attempt by The Thespian Circle in the annual fest of JIIT-128, which gained the attention and applause of everyone around.	20	None
Fest street play	25-02-17	In the triumphs of dhapli and dhol, the most energetic "Dastak" of the thespian circle took place, leaving it's "IMPRESSIONS" and rebound the audience once again to look forward to the warnings of life.	22	None
Fest stage play	26-02-17	In the middle of all chaos of life, a light hearted family drama filled the Audi with joy. Despite all the "chinta", spreading the smile was the only goal on that day of Impressions.	8	None
Cyber srishti play	23-04-17	When everyone was getting hands-on over their technical skills, we showcased versatility in our own domain of technicality. The closing ceremony contained one relatable "code of bholaRAM", running without errors.	10	None
Orientation of the Thespian Circle	03-08-17	A showcase of what The Thespian Circle is about, well thought-out acts displaying our versatility, welcoming the new students into the Thespian Family, in a fun way!	11	None
Orientation Program of the Sarkasm Society	18-08-17	The society held its first official event that is the Orientation. It was held on August 18, 2017 in LT1.		None
Ebullience Play	02-09-17	The Thespian Circle stole the shine of the evening by its comic stage play titled "College Me Pandav, Chowki Me Tandav". With various references to Mahabharata and the epic TV show FIR, the play never missed to tickle the audience with its humor.	15	None
Auditions for the Sarkasm Society	15-09-17	The orientation was followed by an Audition which was held on September 15, 2017.	13	None
Auditions Round 1	22-09-17	A day where the first year's left the audience amazed with their performances showing why they deserved to be in the most Energetic hub of the college! A tough day for the judges to select the top talents.	24	None

Event Name	Date	About	No of Participants	Winners
Auditions Round 2	23-09-17	A day where the first year's left the audience amazed with their performances showing why they deserved to be in the most Energetic hub of the college! A tough day for the judges to select the top talents.	23	None
Trash to Cash	10-10-17	This was one of the final events held by the society. It took place on October 10, 2017 in front of Annapurna. It was an event focused on awareness of E-Waste and thus included a photo booth with respect to the same.		None
Has Le Zara	10-10-17	This was the main and also year's concluding event from the Sarkasm Society. It included a series of Stand Ups by people. The event was on October 10, 2017 and it also had a great turn out of crowd. This was concluded with a briefing of crowd about future events and how to approach for future events, if interested.	7	None
Street Play on Hypocrisy	03-11-17	Street Play in North Cap university	28	None

Knuth Programming Hub- Dr. Manish Kr. Thakur

Events conducted:

S No	Event Name	Event Details	No. of Participants	Date of Event	Level
1	Weekend Onsite Programming Workshop	A 4 Hrs. long programming workshop (onsite) for beginners had been conducted on 17th September 2016. Students were given onsite training and motivated to use online programming portals e.g. CodeChef, HackerRank, etc.	Around 250	17th September 2016	JIIT
2	Encode 16.1	It is an individual level competitive programming, where students participate in the programming contest at individual level in two rounds: Online Round and Onsite Round	Online Round: 550 Onsite Round: 300	Online Round: 29th September 2016 Onsite Round: 1st October 2016	Online Round: International Onsite Round: JIIT (Sec 62 and Sec 128)
3	Code Class Noob and Code Class Pro	Code Class Noob and Code Class Pro were the two weekly programming workshops (class room mode) designed for inexperienced and experienced students respectively had been conducted in the months of September and October 2016	Around 1000	Sept – Oct 2016	JIIT

S No	Event Name	Event Details	No. of Participants	Date of Event	Level
4	Execute 16.2	It was 4 Hrs. long ACM ICPC styled programming competition	Around 450	19th November 2016	National
5	Knuth Cup 2017	It was the ACM ICPC styled programming competition conducted in two rounds during annual fest of JIIT, "Impression 2017": online (qualification round) and onsite.	Online Round: Around 1000 Onsite Round: Around 150	Onsite Round: 26th February 2017	Online Round: International Onsite Round: National
6	Code Swaps	It was a team (2 students per team) based programming competition organised during the annual fest of JIIT, "Impression 2017". In this event, each participant of a team was supposed to individually solve the given set of problems. After 30 minutes positions/ seats of both participants of a team was swapped and they were supposed to continue the leftover codes of the other participant of the team.	150	26th February 2017	National
7	Code Runner	This programming event was conducted on during the annual fest of JIIT, "Impression 2017".	150	27th February 2017	National
8	Execute 17.1	It was a four hour long ACM ICPC styled onsite programming competition conducted during the annual technical festival of JIIT, "Cyber Srishti – 2017".	Around 1000	22nd April 2017	National
9	Code Class Noob and Code Class Pro	Code Class Noob and Code Class Pro were the two weekly programming workshops (class room mode) designed for inexperienced and experienced students respectively had been conducted every Wednesday and Thursday in the months of August, September and October 2017	Around 1000	Aug to Oct 2017 (started from 23rd August and ended on 12th October)	JIIT
10	Weekend Onsite Hands-on Programming Workshop	A 4 Hrs. long programming workshop (onsite) for beginners had been conducted on 19th August 2017. Students were given onsite training and motivated to use online programming portals e.g. CodeChef, HackerRank, etc.	Around 250	19th August 2017	JIIT

S No	Event Name	Event Details	No. of Participants	Date of Event	Level
11	Encode 17.1	It is an individual level competitive programming, where students participate in the programming contest at individual level in two rounds: Online Round (qualifier) and Onsite Round (final)	Online Round: 350 Onsite Round: 100	Online Round: 4th October 2017 Onsite Round: 7th October 2017	Online Round: International Onsite Round: JIIT (Sec 62 and Sec 128)
12	Execute 17.2	It was 4 Hrs. long ACM ICPC styled programming competition conducted in two rounds: online round (qualifier) and onsite round (final)	Online Round: 750 Onsite Round: 200	Online Round: 7th November 2017 Onsite Round: 11th November 2017	Online Round: International Onsite Round: National

Events of Open Source Developers Club

S No	Event Name	Event Details	No. of Participants	Date of Event	Level
1	Welcome to Linux	A one day workshop (around 3 Hrs.) on Linux systems had been conducted	Around 100	30th September 2016	JIIT
2	Introduction to GIT	A one day workshop had been organised where students were given training to work on GIT Hub	Around 120	13th October 2016	JIIT
3	Drupal Camp 2016	A two day camp on Drupal Technologies had been organised	Around 350	12th and 13th November 2016	National
4	Hackathon – Open Source	It was a seven hour long onsite hackathon where each team of maximum four students was supposed to make projects on the theme "IT for Sustainability" organised during the annual technical festival of JIIT, "Cyber Srishti – 2017".	Around 150	22nd April 2017	National

Ecoquence- Dr. Pammi Gauba and Dr Neeraj Wadhwa

https://www.facebook.com/EcoQuenceJIIT/

Events conducted:

EVENT NAME: Recyclathon organized on 25 Feb 2017

This event was a sort of obstacle course where the players solved tasks in order to proceed through checkpoints to finally reach the finish line. A team comprised of 3-4 members and 4 teams participated at a time.

Players, to Recyclathon were given … a time-trial based experience where they were supposed to rescue their lost family member. The teams made their way from the starting point to three checkpoints and finally the finish line. With the spirits of Bollywood heroes watching over them, the teams after reaching the checkpoint were asked to solve a task. On completion of the task, they would be closer to saving their lost family member.

Event Name: The Eco-Carnival organized on 26 Feb 2017 was a fun stand with creative cut-outs where participants got clicked as their favourite actors. It had a photo-booth where photographs were clicked. Participants could make custom-design painted tattoo! They were various games, dare wheel, props, recycled items, etc. Everything mentioned in the logistics were used for making the various props and items for this event.

Event Name: Make your Blockbuster Teams were given a set of materials which they must reuse and repurpose into props to act out a famous scene that will be given to them. One of the team members will be responsible for guessing the name of the movie while the others make and use the props.

GDG JIIT Noida- Mr. Mahendra Kumar Gurve, Shikha Mehta

Events conducted:

S. NO	NAME OF ACTIVITY	NAME OF STUDENT ORGANISERS	WINNERS		
			Date	TYPE OF EVENT	APPROX PARTICIPANTS
1	GOOGLE GREETINGS	MANASVI DUGGAL , SHUBHAM AGARWAL	11th Aug'16	ORIENTATION	300+
2	WEB DEVELOPMENT WORKSHOP	MANASVI DUGGAL	26th,29th, 31st Aug'16 -1st Sep'16	WORKSHOP	200
3	PROJECT MENTORSHIP SESSION	MANASVI DUGGAL, DIVIJ BHATIA	16th Sep'16	MENTORSHIP SESSION	320+
4	WEB CRAWLING & SCRAPING	ADITYA AGARWAL, LAVISH YADAV	28th-29th Sep'16	WORKSHOP	200
5	GOOGLE GREETINGS	SALONI GUPTA ,PRANAV SHARMA, NISHANT SACHDEVA	29th Sep'16	ORIENTATION	200 +
6	C WITH GRAPHICS WORKSHOP	PRANAV SHARMA, MANASVI DUGGAL	7th Oct'16	WORKSHOP	100
7	WORKSHOP ON PHP	PRANAV SHARMA,KRISHNA	17th-18th Nov'16	WORKSHOP	100
8	TECH TALK & QUIZ	DWAIPAYAN SAHA, DIVIJ BHATIA, MANASVI DUGGAL	18th Nov'16	TALK SESSION & QUIZ	100+
9	DEVFEST WEEKEND HACK	MANASVI DUGGAL, SALONI GUPTA	20th Nov'16	COMPETITION	200
10	ANDROID 17.1	RISHABH KHANNA, DIVIJ BHATIA	19th Jan'17	WORKSHOP	100
11	ANDROID 17.2	RISHABH KHANNA, NAMAN ARORA	30-31st Jan'17	WORKSHOP	100
12	</CODE>: DEBUG & SIMULATE	PRANAV SHARMA , KRISHNA NARAYAN SINGH	4th Feb'17	COMPETITION	50
13	GOOGLED ABOUT GOOGLE?	HIMANSHU, PRANAV SHARMA	5th Feb'17	COMPETITION	30
14	MARILYN'S </CODE> HUNT	MANASVI DUGGAL , DIVIJ BHATIA, SHUBHAM AGARWAL	25th Feb'17	COMPETITION	150
15	GOOGLED ABOUT GOOGLE?	DWAIPAYAN SAHA, LAVISH YADAV	25TH FEB'17	COMPETITION	70
16	CODE LIKE AN EGYPTIAN	UTKARSH SHEKHAR , ADITYA AGARWAL	26TH FEB'17	COMPETITION	60
17	ANDROID APP DEVELOPMENT WORKSHOP	KRISHNA , HIMANSHU	17-20TH APR'17	WORKSHOP	100
18	CODE SIMULATE DEBUG	MANASVI DUGGAL	23RD APR'17	COMPETITION	100+
19	TECHMAKERS MEETUP	MANASVI DUGGAL, DIVIJ BHATIA	4TH MAY'17	MEETUP	50

OUTSIDE COLLEGE

1. Rishabh Devgan and Team - Winners of the 2017 edition of TCS EngiNX held at Hyderabad, received prize of 2.5 lac.
2. Dravit Lochan - Successfully passed GSoC 2017 (Google Summer of Code), received scholarship of 1.5 lac from Google.
3. Manasvi Guggal- Selected for GHCI-17 Scholarship and received call to attend GHCI-17 at Bangalore.(GHCI is the Grace Hopper Celebration of Women in Computing (India). It is India's largest gathering of women technologists.)

JIIT Economics & Business Hub- Dr. Monica Chaudhary

Events conducted:

Mad Over Marketing- Keeping up with the theme of college fest Impressions 17, Retro, the hub presented the event Mad Over Marketing. It brings students the chance to brush up their memory and evaluate their knowledge about market. In the competition the participants were required to guess the old logos of famous commercial brands correctly.

Event Date: 25 February 2017, Duration: 1.5 hrs, No. Of Participants: 50

Sell it to Win it- Another fun event organized for the fest was "Sell it to Win it". Participants were tested on their marketing skill which is one of the most important competencies required in today's economy. They were provided with various articles and were given a chance to give an impromptu presentation provoking the audience to buy them.

Event Date: 26 February 2017, Duration: 1.5 hrs, No. Of participants: 45

Startup Summit 2017- We organized Startup Summit 2017 as a part of the two day technical fest of our college Cyber Srishti. It was two day event; day one was the preliminary round where many teams from our college as well as other colleges participated. In this round they just had to present their idea in front our judges .The top six teams based on the judges score qualified for round two that was held on the next day. For the round two they had to prepare a proper power presentation with all the technicalities related to their idea and present it to the judges within a time of 10 minutes. We got many good ideas like the Easy Schooling a website used for searching schools in different areas.

Event Date: 22-23 April 2017, No of Participants: 45

Tag a Line- One of the online competitions we organized was Tag a Line, which was concerned with clicking a picture of any product and making a marketable tag line which engages the audience into buying it. People posted selfies with products along with lucrative taglines so that it sounds and looks appealing. The winners were decided purely on the basis of likes, comments and shares. Our page reach increased to a good amount as well since we made it a rule that likes would only be counted if the person has liked the page as well. So, that turned out to be a great strategy to increase the likes as well as the reach. It was a tough competition between two entries since both of them had nearly same number of likes that is 200 and shares too being 60 each. So we put an element of editor's choice to decide the winner.

Event Date: 27-28 August 2017, No of Participants: 30

UcR-Robotics Hub- Ms. Hema N.

Microcontroller based systems and Robotics Hub (µCR), is the Robotics hub of Jaypee Institute of Information Technology. We develop and promote the interest of students in both manual and autonomous robotics. Our students have been performing exceedingly well not only in college events but also in the events organized by IITs, NITs and DTU. We organize various events and workshops in our college for promoting the interest of students. We organized manual as well as autonomous events in the college annual fest IMPRESSIONS and technical fest CYBER SHRISTI. We work on the concept of give and take. The third and fourth years conduct workshops for second and first years on their specialized fields and they pass it on further to their juniors. In this process of teaching we also learn new things every day.

Events and Workshops conducted:

- Organized **Autonomous workshop** from **18th January to 24th January** from 5:00 P.M. to 7:00 P.M with a total participation of more than **300 students.** Students were taught the basics of Arduino and coding on it to prepare an autonomous bot.
- Organized **Monroe Maze the autonomous robotics event** on **25th February 2017** from 9:00A.M. to 4:00P.M. at JBS Atrium. **80 teams (around 320 students) participated with 4 students each.** The competition was to design a bot capable to solve the given track.
- Organized **Chakravhyuh the coding event** on **25th February 2017** from 9:00A.M. to 4:00P.M. at JBS Atrium. **25 teams (around 50 students)** participated with 2 students each. The competition was divided into two rounds – the pen paper first and the coding round next in which algorithm was to be designed by the competitors for given maze.
- Organized **Magna Basileus the duel manual event** on **26th February 2017** from 9:00A.M. to 4:00P.M. at JBS Atrium. **70 teams (around 280 students)** participated with 4 students each. In this event the opposite teams had to fight with each other for its eternity.
- Organized **Carcerbrot the manual robotics event** on **26th February 2017** from 9:00A.M. to 4:00P.M. at JBS Atrium. **100 teams (around 400 students)** participated with 4 students each. In this event the teams had to find their way towards the finish line.
- Organized **Automated Robotic Challenged the manual-autonomous hybrid robotics event** on **23-24 April 2017** from 9:00 A.M. to 7:00P.M. at JBS Atrium. **80 teams with 4 members** each (320 students approximately). In this event both manual and autonomous bot had to be constructed to solve the problem. The finish line can only be reached if the teams had operated both the bots properly.
- Organized **IC3 event** from **10-12 August 2017** at JBS Atrium. In this event **40 teams (around 120 students)** participated and presented their projects in different domains over a period of three days which was also witnessed by various visiting professors. The projects included a variation of both manual and automated projects along with the combinations of both. The projects showed a potential for their commercial use in the real world.
- Organized **Manual orientation** on **28th July** from 5:00 P.M. to 7:00 P.M with a total participation of more than **350 students**. Students were briefed about the hub and were introduced to the world of robotics. All the future workshops and orientations were discussed.
- Organized **Project exhibition** on **28th July** from 12:00 P.M. to 2:00 P.M with a total participation of more than **350 students** outside the Annapurna. Students were shown various working projects made by their seniors and were given an idea of how basic robots work and how they can create one by themselves.
- Organized **Manual workshop** from **14th September to 23th September 2017** from 5:00 P.M. to 7:00 P.M with a total participation of more than 500 students. First the students were given the theoretical knowledge about the various components used and the basic principles of how a manual robot works. Then hands-on was organized where students worked themselves and created manual robot.
- Organized Manual Desuraze Event on 5-6 th October 2017. The event gave students a chance to showcase their talent and compete with each other to know where they stand and in which areas they need to learn more. The event was in the form of competition and it gave an ample opportunity for the new learners to gain more interest in the field of robotics.
- Organized a workshop on **WIRELESS COMMUNICATION AND INTRODUCTION TO IOT workshop** from **17-08-17 to 25-08-17.** It was mainly for the 2nd and 3rd year students who actively took part in the workshop with an appreciable attendance of around 300 students. The coordinators of the hub enthusiastically worked in harmony with the participants and played an ideal role in implementing the “learn with fun” situation during the workshop. The aim of the workshop was to teach the different ways of wireless communication in the current world.
- Organized **Pi workshop** from **16th November** in the SAC. The workshop included the introduction to the pi and to create basic projects using the same. The workshop was attended by around 150 students.

Expressions-Painting Hub- Dr Krishna Sundari

Events conducted:

- Events by painting hub 2016 Odd Semester : 8th October 2016
  - Event Name: Palette Punch (Based on the topic: 'Spirit of Nationalism')
    - Round 1: Live art gallery: Exhibition of paintings made by participants
    - Round 2: Bold Brush: On the spot painting competition based on clues
- Events by painting hub during Impressions: 25-26th February 2017
  - Event Name: BhoolBhulaiya, Date: 25th February 2017
    - Team event to identify a trail of clues based on famous dialogues
  - Event Name: Caricature Booth, Date: 25th February 2017
    - Sketch/paint the given movie character
  - Event Name: TasveerokiSher-o-Shayari, Date: 26th February 2017
    - Sketch/painting depicting the given movie dialogue

Kalakriti Rangoli Hub- Dr Swati Sharma

Events conducted:

Date	Event	Details
25 Feb 2017	Conventional rangoli	Teams of 2-3 participated in the event. The teams were provided with basic rangoli colors and some paints. A total of 10 teams participated in the event and the time allotted to each was 1.5 hours. They were then judged on various parameters like creativity, relativity to the theme antiquity. First Prize: Tanuja Nailwal, Arushi Dudeja- 500 flipkart coupon + 200 cash. Second Prize: Piyush Tyagi, Saloni Srivastava- 500 flipkart coupon
26 Feb 2017	JUNK RANGOLI	A team of 2-3 members were provided 1.5 hours for making a rangoli with scrap materials. A total of 5 teams participated in the event. The teams were judged on their innovation, creativity, use of the material etc. The theme for the same was Antiquity. First Prize: Sumit Garg, Parv- 500 flipkart coupon + 200 cash Second Prize: Pallav, Akanksha- 500 flipkart coupon
10th November 2017 – 13th November 2017	Let Young Mind Speak	Children's Day is a day to engage in fun and frolic. But it is not just that. This day reminds everyone to renew theircommitment towards the welfare of the children and to teach them to live by Chacha Nehru's ideals. And for grown-up people, it is an occasion to imbibe the qualities of childhood. On the theme - Children's Day, this event, "Let Young Mind Speak!", related to the feelings and emotions one has experienced in his childhood. The event helped them to showcase their skills, imagination and express their childhood experience throughcolor drawings, sketches , posters (handmade) which were submitted and displayed in Gallery outside Annapurna as well as posted on the facebook page. Gallery Display : 14th November 2017 Event themes : 1. Importance of education for children 2. Child Labour – Ruining a Child's Life 3. Effect of media on children 4. Peer group – Bane or Boon ? Winners : 1. Ashutosh Chatterjee 2. Prabhat Shukla 3. Ketan Pandey Participation : 20+ Prize/Certificates :Certificates for winners

JPEG-Photography Hub- Dr. Manish Thakur

Events conducted:

S No	Event Name	Event Details	No. of Participants	Date of Event	Level
1	Orientation of Photography Hub	An orientation of the photography hub had been conducted to brief about the events, activities performed by the hub and motivate the fresher to participate in the events of photography.	Around 80	5th August 2016	JIIT
2	30 - 30	It was an individual event where participants were supposed to capture the photographs based on the clues spread over different places at the JIIT campus	250	26th November 2016	JIIT

S No	Event Name	Event Details	No. of Participants	Date of Event	Level
1	Photography Workshop	A workshop on the photography tricks for capturing and editing was conducted for the JIIT students.	Around 70	8th February 2017	JIIT
2	Photo Booth	A decorated photography booth had been created during the annual techno-cultural fest Impression 2017. This booth facilitated the photography seekers to capture the photographs at the booth.	Around 400	26th and 27th February 2017	JIIT
3	Aura	It was an individual theme based photography event conducted in two rounds during the annual techno-cultural fest Impression 2017. First round was online round which eliminated out 30 best photographs (captured by different photographers) to be on board during the fest. Top 3 best photographs awarded the prizes during the onsite display of the photographs	200	26th and 27th February 2017	Online Round: National
4	Snap Story	It was conducted during the annual techno-cultural fest Impression 2017. Participants were supposed to capture set of photographs to narrate a story.	150	27th February 2017	JIIT
5	Just Do It	It was conducted during the annual techno-cultural fest Impression 2017. Participants were supposed to create a video based on the task given to them.	250	27th February 2017	JIIT
6	Orientation of Photography Hub	An orientation of the photography hub had been conducted to brief about the events, activities performed by the hub and motivate the fresher to participate in the events of photography.	Around 90	2nd August 2017	JIIT
7	30 - 30	It was an individual event where participants were supposed to capture the photographs based on the clues spread over different places at the JIIT campus	200	9th November 2017	JIIT

iCreate- Dr. Kanupriya Bakhru:

Events conducted:

BOLLYCALLY-In this event participants randomly picked a dialogue from a bowl and were required to calligraphy this dialogue in the best way they can.

Room- - G2 (10-1), Time- 1hr 30 mins

ZENTANGLE-A Zentangle is an abstract drawing created using repetitive patterns. A sheet of paper was given to the participants and they had to use their creativity to convert this sheet into a zentangle. The person with best creativity won!

Room- - G4 (1-4), Time- 3 hrs

THE MYSTERY BUILD-In this event a team of three members were firstly given a question following which the participants were given a puzzle. The participants had to sketch whatever comes in puzzle at last.

Room- -G3 (10-1), Time- 3 hrs

Adwitya- Dr. Priyadarshini

'Adwitya' is a hub of Jaypee Institute of Information Technology, Noida which aims to extend its services to specially-abled persons of the society. Members of **'Adwitya'** provide support in imparting skills like basic computer education, maths, creative skills etc. to specially-abled persons.

Events conducted:

S.N.	Event Description	No. of Participants	Venue	Date & Time
1	Everybody has ability and everybody matters, it's all about acknowledging it. At Adwitya, we're trying to create a society that develops a rapport with and encourages the specially abled. For this purpose Adwitya organized an event named "Innovativtive ideas for making a better world for the specially-abled".	Students (30)	G9	9 th October 5PM-7PM
2	"Disability only becomes a tragedy when society fails to provide the things needed to lead one's daily life." Adwitya welcomed everybody at JIIT, Noida with an open heart in the event 'Empowerment of the specially abled' which was a platform to pen down their ideas on how to emancipate the disabled. Students, faculty and non teaching staff actively participated in the event and jot down their ideas.	Students(400), Faculties & Non teaching staff	In front of Annapurna	9 November 2017 12:00-2:00 PM

Sports Hub- Mr Ajit Tomar

The annual sports meet at Jaypee Institute of Information Technology, Sector 62 Noida is referred to as "Fun Sports Meet". The event is called so, because the students participate, compete and enjoy various sports, despite there being space limitation as against the required grounds, especially for cricket and football. Hence the name is prefixed with the term "Fun".

Popularly known as FSM (Fun Sports Meet) , "Fun Sports Meet – 2016" was the third edition of the now very popular annual event and was held from 16th to 26th November 2016 with the exception of a few days due to logistic reasons. Disciplines included cricket, basketball, football, volleyball, table tennis, badminton, chess, pool/ snooker and Frisbee.

While cricket, volleyball, basket ball and football continued to dominate the popularity graph, this meet saw the entry of "Frisbee" sport for the first time, and undoubtedly it won the hearts of the masses. Not only was it contested keenly, it was witnessed by large spectators and was organized meticulously.

The event witnessed an overwhelming number of registrations (1175) for 9 sports which took place in a span of around 1 week, and total participation was about 2000.

The prize distribution ceremony of FSM was organized on 8th May 2017. The ceremony kicked off with inspiring words by the Vice Chancellor, Prof. S. C. Saxena ji and Cmde. K. K. Rohtagi, VSM (Retd) who lifted the spirits of the students. Various cultural performances by the students kept the environment engaged and were highly cherished by the audiences.

Volunteers were provided with the certificates for their contribution in making the event successful. The winners and runner ups of all the sports were duly awarded with their medals and certificates as a token of appreciation for their brilliant performance in various sports.

Credit must be given to all participants, runners up and winners alike, for contesting in the sports meet with the right quality of high sportsmen spirit. Those individuals or teams that did not make it to the finals were also seen cheering the contestants of the finals. Three cheers to all the wonderful participants. Spectators made their own mark in making the meet a grand success by turning up in large numbers and cheering their teams.

JYC ACTIVITIES AT SECTOR-128 CAMPUS

EBULLIENCE 2016 (1st September, 2016)

Hosted by The JIIT Youth Club, Ebullience is an annual program organized for the newly enrolled students of Jaypee Institute of Information Technology. Giving them a chance to showcase their talents in more ways than one. Ebullience has 6 major events encompassed under its umbrella. The Music Society performs giving an entertaining start to Ebullience. Following that is the performance of the Dramatics Society, known for the exuberant and lively personality. After that, the wildly infamous society of JIIT, VamUnique known for their popularity among all colleges across Delhi/NCR, performs for the students. The Bhangra Society is next in line giving a rather exuberant performance each time the come-on stage. They never fail to impress. Finally, the most anticipated and inarguably the most popular round of Ebullience is the Ramp Walk, where the gentlemen and ladies display their exceptional talent on the ramp. It consists of 2 rounds viz. Ethnic and Western taking place at the beginning and at the end respectively.

JYC WEEK (7th November 2016 – 16th November 2016)

Orange leaves, Festive lights, Halloween screams – Isn't November just amazing? So many things to look forward to. And for JIITians, the list is one item longer.

November brings with it the JYC Week- a plathora of cultural and technical events within college. The week kickstarts with the JIIT Youth Parliament organised by the literary society- Eloquence. Dressed in Indian attire and armed with quick, verbal defences, our aspiring engineers assume the roles of politicians for a day. From important debate and deliberation to sarcastic humor, snide comments and chota bheem and muffler jokes, the JIIT Youth Parliament embodies the spirit of the Indian Parliament in every sense.Complete with a press, reporters and photographers, this stimulation has a lot to offer.Later during the week, the music society of the college organises various performances and music battles. Our musicians can be heard practicing days in advance. But that's not it. We are engineers-to-be, after all. How could the JYC Week be complete without some technical events? Through the week, the geeks, coders and robotic enthusiasts seem to be the busiest and also the most stressed/sleep deprived. Late night coding marathons are characteristic of Code Flux, organized by the programming hub of JIIT. Also, how could the Robotics wing stay behind? They, too,have their own events and competitions running through the week.

To sum it up, the JYC week has something for everyone.

List of Events:

1. Fine Arts -- Suspect the stroke, Pictionary, Shrinking Steps
2. Photography - Go Boom, Shutter Up
3. Music - Street Busking, Aao Gao Jao
4. Dance – Advaya, Step of two
5. Prismatic - Logo Maki, Poster my wall
6. Literary - JIIT Youth Parliament, Lumos
7. Dramatics – Breeze
8. Robotics - Pokemon Go
9. Quizzing - Gray Matter
10. Informals - Khelo toh Jaano, GubaaraPhod

BLOOD DONATION CAMP (26th January, 2017)

Every year JYC organizes a Blood Donation Camp with the hope to see as many lies as possible. It is heartwarming to see the youth come together for such a noble cause. Every drop of Blood counts, nothing compares to the joy and pride one feels when one walks out of the room, having done his share in giving someone a second chance.

JIIT YOUTH MARATHON (4th February, 2017)

Running is the road to self awareness and reliance. Promoting the social cause of SAVE THE GIRL CHILD and GENDER EQUALITY, The Youth Marathon witnesses whole hearted participation from students and draws the participation from students and draws the participation of more than 1k runners. The event comprises of a 5 km run inside the premises of Jaypee Wishtown Noida.

CONVERGE (3rd - 5th February, 2017)

Street Play

A GLANCE AT EVENTS

1. **ABHIVYAKTI: THE DRAMATICS HUB:**
   a. **RIHAA: THE STREET PLAY:** The nukkad natak event wherein street play are performed on important society issues. A platform to showcase your acting, expression and script skills.
   b. **KALAMANCH: THE STAGE PLAY:** The theatre event wherein you perform in like theatres on various famous drama plays. A platform that tests your skills more efficiently.

2. **FFORTISSMO: THE MUSIC HUB:**

   a. **ACCOUSTICA:SOLOSINGING:** A platform where a singer can show art music whether traditional,jazz,pop,rock etc. A contest that judges your tonality,rhythm vocals and all.

   b. **CRUSADE: BATTLE OF BANDS:** They set the mood of the event with the instruments the magic in their voice. From the drum beats to the electric guitar tones and the rock voices creates a feeling of a war b/w bands. A truly great event to watch on.

Accoustica : Solo Singing

3. **DANCE HUB**

   a. **GROOVE: THE WESTERN DANCE:** Organized by our well known Vam Unique, the western dance society. It is one of the most spectacular events in CONVERGE with teams from IIT'S participate to show all their western moves from hip hop to salsa to contemporary.

   b. **SABRANG: THE INDIAN DANCE:** Organized by bhangra society the Indian dance society of JIIT128 where teams show classic moves in modern styles from bhangda to kathak and all.

4. **PANACHE: THE FASHION SHOW:**

   a. **POISE: THE ASION SHOW:** Beauty and charm lies within how well you carry yourself. The flamboyance in their walks which makes hundreds of head turn at once is when they walk down the ramp. The spectacular ramp event is an evidence of their panache.

   b. **MR & MISS CONVRGE:** The intra college fashion show wherein college students participate to walk down the ramp inorder to show their style,beauty & charm.

   c. **CAMPUSS PRINCESS:** Road to Miss India Competition.

5. Technical Events:

CODEFLUX

a. Code Flux , Code Figh, Code-in- Less, Shaolin Soccer, Grab the Cheese, Clash of Clans

6. Sports: Cricket, Footbal, Badminton, Lawn Tennis, Basketball, Table Tennis

7. Informals:

Dubsmash Contest, Fuzzy Crick, Beg Borrow Snap, Draw the King, Chair Hustle, Anti-Chess, Hula Hoop, Air Crash, Au Pair, J Road, Logo Quiz, Tug of War, Sherlock 101, Pen Fighting, Groupfie Contest, Minute to Win It, Snap the Mystery, Entertainment Trivia.

PRO NIGHT'S AT JIIT 128

DAY 1: MILLIND GABA Day 1 of CONVERGE witnessed the sensational singer Millind Gaba. With about 3000 people in attendance, this was an amazing evening to remember. He kept the crowd engaged with a number of bollywood and his own album songs.

DAY 2: LOST STORIES Day 2 saw a bigger crowd of 4000 people swaying to the beats of Lost Stories. And that's not it the opening acts by One & One and Upside down left the crowd begging for more. That evening is something everyone will definitely remember for the rest of their lives. All in all, the pro nights of JIIT give every JIIian something to look forward to and something that will stay with them forever.

FAREWELL (Batch of 2013-2017)

(5th May, 2017) In the beginning of Senior year, we beg the year to go by fast. Toward the middle, we begitto slow down. And at the end, we wish it to never stop. A college degree is the key to realizing your dream, well worth the time and effort because it is supposed to open the door to a world of opportunities.

To celebrate the end of term of graduation for the students of 4th year, JIIT Sector 128 organized a Farewell Party in the college MPH, where students of B. Tech 3rd year bid farewell to the outgoing students of B. Tech final year with great enthusiasm.

TRAINING & PLACEMENTS

Placement details for 2015-17 batch of B.TECH program is as below:

PLACEMENT STATUS : JIIT, NOIDA : PASSING OUT 2017 BATCHES				No. of Companies 80	
Branch	Total Participating Students	Total No. of Offers	% of Total Offers	Absolute offers	% of absolute offers
B.TECH PROGRAMS					
B.TECH-CSE	421	476	113%	342	81%
B.TECH-ECE	272	302	108%	200	74%
B.TECH-IT	43	52	121%	42	98%
B.TECH-BT	30	14	47%	13	43%
Total	766	844	110%	597	78%
M.TECH & INTEGRATED PROGRAMS					
M.Tech-CSE*	20	12	60%	11	55%
M.Tech-ECE^	10	0	0%	0	0%
Dual-BT	23	15	65%	12	52%
Dual -CSE	22	19	86%	15	68%
Dual-ECE^	10	5	50%	4	40%

^Low Participation of M.Tech-ECE & Intgt-ECE… *Includes all specialization of CSE.

HIGHLIGHTS of activities conducted by T&P: - B.Tech

- Highest Salary - 27 Lacs by Amazon
- 7 Cos. with CTC between 8 & 18 Lacs
- 29 Cos. with CTC between 5 & 8 Lacs
- 44 Cos. with CTC between 3 & 5 Lacs

Maximum Offers across three campuses:-

- Infosys – 398, Ericsson – 171, Cognizant – 166, Wipro – 81
- **June 2017** – Ola Cabs, first time for campus placement for 2013-17 batch offered 24 students @ CTC of 11 LPA at the end of placement cycle.
- **May 2017** - TechGig Code Gladiators, India's biggest coding contest, With over **5,000 prizes worth a whopping Rs 3 Crores and the title of "Best Coder of India".** TechGig Code Gladiators is one of the attractive platform for budding coders. As many as top 100 IT companies had screened the contest for hiring. **Techgig winner is from JIIT, IInd year student Mr. Sameer Gulati with 2.5 lacs cash award.**
- **May 2017** Deloitte USI visited JIIT for Campus Engagement Day and their Director, ERS & Talent Acquisition - Team conducted a session of 3 hours for Btech final year ECE/CSE/IT students, from Sec 62 and 128 campus.
- **May 2017** Deloitte conducting a survey at campuses in India to understand the nuances of the Indian Talent scope and the inherent challenges faced by the millennial generation today in bringing their authentic self to college and later work every day. JIIT students participated in this study through online survey to provide a great insight how millennia's' preferences have changed the interactions they have in the immediate social circle and into the non-traditional triggers that can encourage a sense of purpose in them.
- **April 2017** - **TCS EngiNX:** Engineering Innovation Contest. TCS launched contest at JIIT - offering exciting contests related to various engineering, tech and business domains which comes with exciting prize money, job offers and internship opportunity for winners and top performers. **Team "Tech Legion" from JIIT won the competition, an IOT challenge with cash award of 2.5 Lacs.**
- **April 2017** INFOSYS select students from 2013-17 batch, were given opportunity to visit their Development Center at Chandigarh. They spent half a day with the leadership and learnt about the Industry – Academia interaction program named "SPARK", on 26th April 17. SPARK provides students an opportunity to experience

the Infosys eco-system, culture & value proposition to know what it's like to be an "Infoscion".

- **March 2017 -** Deloitte conducted Collegiate Cyber Threat Competition, 200 students participated in the same. There was award for the winning team INR 1,50,000 and for the runners-up team INR 75,000.
- **Oct 2016 -** Ericsson Elective : In our ongoing effort to promote placement and build strong relationship with Industry, T&P has tied up with Ericsson to conduct elective on 'Network access System" currently in use worldwide . The maiden elective was conducted for our select 50 student from ECE during the weekends by Ericsson faculty. The program was a hit with 100% attendance of students on all days. A Convocation was held and successful students were awarded a certificate by Ericsson Leadership.
- **Sept 2016:** Infosys conducted a workshop on 'Career in IT Industry' and almost One thousand students from JIIT took part from batch 2013-17.
- **Sept 2016:** The Google APAC 2017 University Graduates Test is a tool designed to encourage young students **majoring in Computer Science and related fields** to test their coding skills. Large number of CS/IT students participated in the Google APAC 2017.
- **Aug 2016:** Cognizant conducted workshop and online certification program CCSP (Cognizant Certificate Students Program) and sponsored **free of cost** test for 1200 students assessed by Aspiring Mind @ Rs 800 per students. Each student was provided detailed analysis of his performance which included verbal, mathematical reasoning, English language, basics of programming etc to help him improve his grey areas.
- **Aug 2016:** T&P department organized aptitude training program of 18 hours duration for each candidate for all interested students. It was well received by students from JIIT Noida, JUIT Solan and JUET Guna.

Placement details for 2015-17 batch of MBA program is as below:

PLACEMENT STATUS : JBS, NOIDA 2015-17			No. of Companies 39
Specialization	**Participating Students**	**No. of Offers**	**% of Placement**
Marketing	30	32	107%
Finance	26	28	108%
HR	10	7	70%
Operations	4	2	50%
Total	**70**	**69**	**99%**

Placement highlights for 2015-17 batch of MBA program is as follows:

- Eminent companies like – HCL Technologies, Mazars, F1F9, , Mansukh Securities, Decathlon, Home Credit India, ICICI Securities, Berger Paints, Allan Loyds, HIS Markit, Pearson Education etc. offered final placements with very competitive profile and compensation package.
- Placement for our MBA 2015-17 batch (ninth) has been close to 100%. Notwithstanding the poor market conditions, T&P was able to invite more than 33 companies from different sectors to recruit our MBA students, CTC varied from 3.5 to 6 lac pa.

FINANCIAL STATUS

The Audited Balance sheet is attached as **Appendix-E.**

Appendix-A

BOARD OF MANAGEMENT

1. **Vice Chancellor --Chairperson**

   Prof S. C. Saxena

2. **Maximum of two nominees of the sponsoring Society/Trust/Company**

   (i) Sh. Manoj Gaur

   (ii) Sh. Sunil Kumar Sharma

3. **One eminent academic nominated by the central government in consultation with UGC**

   MHRD Nominee ---nomination awaited.

4. **Deans of Faculties not exceeding two (by rotation based on seniority)**

   (i) Prof. Hari Om Gupta, Director, Sector-128 campus

   (ii) Prof. Padam Kumar, Dean (RID)

5. **Three Eminent Academicians as nominated by the Chancellor**

   (i) Dr. D.P. Agrawal, Ex-Chairman, UPSC

   (ii) Prof. Gautam Barua, Director IIIT Guwahati & Ex-Director IIT Guwahati.

   (iii) Vacant

6. **Two Teachers (from Professors, Associate Professors) by rotation based on seniority**

   (i) Prof. Krishan Kant, Dean

   (ii) Prof. Alka Sharma, Dean

7. **The Registrar, Secretary**

   Sh. Raju Sangal

8. **Permanent Invitees**

   (i) Sh. Jaiprakash Gaur Ji, Founder Chairman and First Chancellor of JIIT

   (ii) Sh. Anand Bordia, Former member – Finance, NHAI, Secretary WCO, and Secretary, HCI London

9. **Special Invitees**

   (i) Cmde. K.K. Rohatgi, Head (T&P) and Dean (Student Welfare)

   (ii) Sh. S.J.S. Soni, CFO

Appendix-B

ACADEMIC COUNCIL

1. **The Vice Chancellor – Chairperson**
   Prof. S.C. Saxena

2. **Director(s) / Dean(s) of Faculties (Ex-officio)**
   (i) Prof. Hari Om Gupta
   (ii) Prof. Krishna Gopal
   (iii) Prof. Padam Kumar
   (iv) Prof. Krishna Kant
   (v) Prof. Alka Sharma# # (Also officiating as HOD, HSS)

3. **Head of the Departments (Ex-officio)**
   (i) Prof. Alka Tripathi
   (ii) Prof. R.C.Jain
   (iii) Prof. D.K. Rai
   (iv) Prof. Sanjay Gupta
   (v) Prof. Sanjay Goel
   (vi) Prof. Alka Sharma

4. **All Professors other than the Heads of Departments**
   (i) Prof. G.S. Srivastava
   (ii) Prof. S.C. Katyal
   (iii) Prof. Naseem Abidi
   (iv) Prof. G.K. Aggarwal
   (v) Prof. A.K. Wahi
   (vi) Prof. Amrish Kumar Aggarwal
   (vii) Prof. S.P. Purohit
   (viii) Prof. Anirban Pathak
   (ix) Prof. Krishna Asawa
   (x) Prof. R.K. Dwivedi
   (xi) Prof. Shweta Srivastava
   (xii) Prof. B.P. Chamola
   (xiii) Prof. Rajnish Kumar Mishra
   (xiv) Prof. Nitin
   (xv) Prof. Neeraj Wadhwa
   (xvi) Prof. S Krishna Sundari

5. **Two Associate Professors from the Departments other than the Heads of the Departments by rotation of seniority**
   (i) Dr. Vikas Saxena
   (ii) Dr. Indira P Sarthy

6. **Two Assistant Professors from the Departments by rotation of seniority**
   (i) Dr. Amba Agarwal
   (ii) Dr. Vibha Gupta

7. **Three persons from amongst educationists of repute or persons from any other field related to the activities of the Institution deemed to be University who are not in the service of the Institution deemed to be University, nominated by the Vice-Chancellor**
   (i) Prof. J.S.P. Rai, Vice-Chancellor, JUET, Guna (M.P.)
   (ii) Prof. Manoj Mishra, IIT Roorkee
   (iii) Prof. Subhash Verma, MD & VP – Engineering, Agnity India Technologies Pvt. Ltd. Noida

8. **Three persons who are not members of the teaching staff, co-opted by the Academic Council for their specialized knowledge**
   (i) Sh. K.K. Rohatgi, VSM (Retd)
   (ii) Sh. S.J.S. Soni
   (iii) To be nominated

9. **The Registrar, who shall be the Secretary of the Academic Council (Ex-officio)**
   Sh. Raju Sangal

Appendix-C

DETAILS OF INFRASTRUCTRE
JIIT CAMPUS AT SEC-62

S. No	Name of the Building	Covered Area (In Sqft)
Admin. & Acad. Block		
1	Aryabhatt Bhawan I/1,2	55897
2	Aryabhatt Bhawan I/3	28927
3	Aryabhatt Bhawan I/4	28789
4	Aryabhatt Bhawan I/5 (Basement area 13828.84sqft included)	44900
5	Aryabhatt Bhawan II (Basement area 23487.04sqft included)	202849
6	ABB III (Lower ,& Upper Basement, First & Second Floor)	128692
	Total Admin. & Acad. Area	**490055**
Hostels		
1	Hostel Block, H1	44836
2	Hostel Block, H2	22952
3	Hostel Block, H3	44962
4	Hostel Block, H4	44962
5	Hostel Block, H5	44962
6	Hostel Block, H6,7,8,9,10,11 (ABB III)	247483
	Total Hostel Area	**450156**
Faculty Residences		
1	Faculty Residence R2 Block	34805
2	Faculty Residence R3 Block	33439
3	Director Residence	6628
4	Worker's Housing (Basement area 3789sqft included)	15158
	Total Faculty Residential Area	**90030**
	Facilities	
1	Annapurna Building (Basement area 8918sqft included)	49218
2	Sports Complex (Basement area 6135sqft included)	18238
3	Temple	1585
4	ABB-III (Community Floors & Cafeteria)	86638
	Total Facilities Area	**155679**
Miscellaneous		
1	Gate No.1	674
2	Gate No.2	492
3	Gate No.3	346
4	Electrical Sub Station	4858
5	Electrical Sub Station Extension	5866
6	Ceremonial Plaza	9930
7	Parking Basement	61085
	Total Miscellaneous Area	**83250**
	TOTAL AREA	**1269170**

No. of Class rooms	=	34 (seating capacity from 35 upto 120)
Laboratories	=	48 (CSE-7, ECE-9, BIO-9, PHY-3, Chy-1, Res Lab-14, Lang. Lab-2)
Lecture Theatres	=	5 (seating capacity from 270 upto 300)
Syndicate Rooms	=	5 (seating capacity from 40 - 85)
Tutorials	=	18 (seating capacity from 120 - 262)
Conference Rooms	=	13 (seating capacity 10 upto 80)
Auditorium	=	1 (seating capacity 1800 & Viewing capacity = 2200)

JIIT CAMPUS AT SEC-128

Total area	**39606.88 sq m (9.786 acres)**
Built up area incl basement	**27299.32 sq m (293755.69 sq ft)**
Basement	7368.36 sq m (79283.55 sq ft)
Ground Floor	7612.82 sq m (81913.94 sq ft)
First Floor	5358.93 sq m (57662.08 sq ft)
Second Floor	3231.34 sq m (34769.22 sq ft)
Performance Block	3727.88 sq m (40126.90 sq ft)
Utility Building	**2253.54 sq m (24248 sq ft)**
Basement	304.68 sq m (3278.36 sq ft)
Ground Floor	932.22 sq m (10030.69 sq ft)
First floor	212.21 sq m (2283.38 sq ft)
Area under pool	405.76 sq m (4365.98 sq ft)
Area under deck	398.67 sq m (4289.69 sq ft)

Academic Area

Classrooms (capacity 60)	10
Lecture theatres (90 – 180)	9
Tutorial rooms (30 – 60)	7
Computer labs (120)	3 (+1 planned)
Computer lab / Language lab (HSS) (30)	1
ECE labs	8
CSE labs(Research,MMLITSL)	3
Psychology lab	1
Physics lab	1
M Tech lebs	2
Library	1
Research lab	1

Admin Area

Admin Block	1 (+1 planned)
Faculty Block	4
Annapurna	1
Cafe	2(+ kiyox available)
Multipurpose hall	1
Server room	1
Hub room	1
Conference rooms	5

Facilities & Utilities (At Sec-62)

Banking

The University has tie up with IDBI Bank Ltd. for opening the saving account.
Two ATM machines are installed by ICICI Bank at Security Gate No. 3.

Tuck Shop

There is a reasonably stocked Tuck Shop inside the campus wherein items for use by students on daily basis are available and can be purchased at nominal cost.

Photocopy facility

The facility of photocopy is available in ABB-I against payment

Medical

The University has a well-equipped dispensary with residential doctors and also has tie-up with number of corporate hospitals for specialized treatment at subsidized rates.

Sports:

Outdoor

There is provision of flood lights for playing the following outdoor sports.
Basketball, Lawn Tennis, Badminton, Volleyball, Football.

Indoor

Swimming Pool (Boys & Girls)	Pool with adequate no. of shower, change rooms water filtration and chlorination facilities.
Billiards	A new billiards and snooker table is installed in Indoor Sports Complex
Pool Table	A new pool table is also available for students.
Table Tennis	5 TT tables are installed in Indoor Sports Complex.
Carom & Chess	Each hostel has a separate carom & chess lounge.
Boys Gym	A well equipped boys gym with Tread Mills and equipments are available for the students.
Girls Gym	A well equipped girls gym with Cross Trainer and Tread Mill Machine is available exclusively for girls.

Guest Rooms : 21

Details of Transport

Staff Cars / hired cars provided to the staff / authorities as per terms and conditions, besides Institute has 5 cars, 1 mini bus, 1 ambulance van, 1 fire-tender

Utilities

Include Laundry (1) AC Plant, 100% power back-up with DG sets (910 KVA each – Nos. 3 & 1010 KVA - Nos. 1), Water Filtration Plant Tubewell, Boiler for hot water supply in the hostels, Dispensary with boys & girls wards and isolation ward with 2 beds each, covered platform for stage and public address system.

Facilities & Utilities (At Sec-128)

Banking

The University has a tie up with IDBI Bank Ltd. for opening the savings account.
Two ATM machines are installed by Axis Bank at Sector 128.

Photocopy facility

The facility of photocopy is available in the LRC.

Medical

There is a well equipped dispensary with 24 x 7 doctors at Sector 128 (JAL, Complex) with ambulance service. There is also a tie-up with number of corporate hospitals for specialized treatment at subsidized rates.

Tuck Shop

There is a reasonably stocked Tuck Shop inside the campus wherein items for use by students on daily basis are available and can be purchased at nominal cost.

Sports:

Basketball courts	1
Volleyball court	2
Tennis court	1
Football field	1
Multipurpose field (cricket)	1
Cricket nets	available
Squash court (glass back)	2
Swimming pool (25 m)	1
Gym (boys)	1
Gym (girls)	1 (planned)
Badminton court	3
Table tennis tables	4
Carrom , chess	available

Details of Transport

Four buses ply for the students within NCR.

Appendix-D

LIST OF FACULTY

SL	EMP. CODE	FACULTY NAME	DESIGNATION	QUALIFICATION	DOJ
1	JIIT1458	PROF. S.C. SAXENA	VICE CHANCELLOR (ACTG.)	BE(1970), ME (1973), Ph.D. (1977)	01-Jul-11
2	JIIT1498	PROF. HARI OM GUPTA	DIRECTOR-SECTOR-128	BE (1972), ME(1975), Ph.D. (1980)	20-Dec-11
3	JIIT1486	PROF. ALKA SHARMA	DEAN (HUMANITIES)	B.Sc. (1983), MA(1986), M.Phil.(1988), Ph.D.(1995)	27-Jun-11
4	JIIT1492	PROF. KRISHNA GOPAL	DEAN (ACADEMICS & RESEARCH)	B.Sc.(1963), B.Tech.(1966), M.Sc(Engg.) (1972), Ph.D.(1979)	9-Sep-11
5	JIIT1665	PROF. PADAM KUMAR	DEAN & PROFESSOR	B.Tech. (1970), M.Tech. (1972), Ph.D. (1990)	23-Jan-15
DEPARTMENT OF BIOTECHNOLOGY					
6	JIIT1212	DR. SANJAY GUPTA	PROFESSOR	B.Sc.(1991(, M.Sc.(1993), Ph.D.(2000).	12-Jan-06
7	JIIT1024	DR. NEERAJ WADHWA	PROFESSOR	B.Sc.(1984), M.Sc.(1986) , Ph.D.(1995)	5-Jul-02
8	JIIT1072	DR. S.KRISHNA SUNDARI	PROFESSOR	B.Sc.(1991), M.Sc.(1993), Ph.D.(1999).	18-Jun-03
9	JIIT1157	DR. SUDHA SRIVASTAVA	Asso. Prof.	B.Sc.(1991), M.Sc.(1993), M.Phil.(1995), Ph.D.(2001)	28-Oct-04
10	JIIT1215	DR. SUJATA MOHANTY	Asso. Prof.	B.Sc.(1984),M.Sc.(1986), Ph.D.(1992)	16-Feb-06
11	JIIT1136	DR. INDIRA P SARETHY	Asso. Prof.	B.Sc.(1992), M.Sc.(1994), Ph.D(2000)	5-Jul-04
12	JIIT1155	DR. REEMA GABRANI	Asso. Prof.	B.Sc.(1991), M.Sc.(1993), Ph.D.(1998)	1-Sep-04
13	JIIT1267	DR. VIBHA RANI	Asso. Prof.	B.Sc.(1996), M.Sc.(1998), M.Phil.(2001), Ph.D.(2005)	16-Dec-06
14	JIIT1404	DR. PAMMI GAUBA	Asso. Prof.	B.Sc.(1981), M.Sc.(1983), Ph.D.(1988)	10-Jul-10
15	JIIT1353	DR. RACHANA	Asso. Prof.	B.Sc.(1996), M.Sc.(1998), Ph.D.(2005)	15-Jun-09
16	JIIT1346	DR. SHWETA DANG	Asso. Prof.	B.Pharma (1998), M.Pharma.(2001), Ph.D.(2005)	10-Feb-09
17	JIIT1438	DR. ASHWANI MATHUR	Asso. Prof.	B.Sc.(2000), M.Sc.(2002), Ph.D.(2009)	15-Dec-10
18	JIIT1482	DR. VIBHA GUPTA	AP (SG)	B.Sc.(1987), M.Sc.(1990), Ph.D.(1998)	27-Jun-11
19	JIIT1218	DR. KAMAL RAWAL	AP (SG)	BHMS(2000), Advanced PG Diploma in Bioinformatics(2002), Ph.D (2009)	20-Mar-06
20	JIIT1402	DR. SMRITI GAUR	AP (SG)	B.Sc.(2001), M.Sc.(2003), Ph.D.(2010)	10-Mar-10
21	JIIT1430	DR. SHALINI MANI	AP (SG)	B.Sc.(2000), M.Sc.(2002), Ph.D.(2009)	12-Aug-10
22	JIIT1078	DR. CHAKRESH KUMAR JAIN	AP (SG)	B.Sc.(1993), M.Sc.(1997), AIS(2001), MCA(2006), Ph.D. (2011), ALCCS-IETE(2011)	7-Jul-03
23	JIIT1464	DR. PRIYADARSHINI	AP (SG)	B.Sc.(1998), M.Sc.(2001), Ph.D.(2010)	01-Jul-11
24	JIIT1187	DR. SUSINJAN BHATTACHARYA	ASST. PROF (II)	B.Sc.(1996), M.Sc.(1999), Ph.D(2002)	27-Jul-05
25	JIIT1439	DR. GARIMA MATHUR	ASST. PROF (II)	B.Sc.(2000), M.Sc.(2002), Ph.D.(2008)	21-Dec-10
26	JIIT1322	MS. MANISHA SINGH	ASST. PROF (I)	BPT(2004), MPT(2007)	15-Jul-08
27	JIIT1717	MS.EKTA BHATT	ASSO. LECT	M.SC(2008)	2-Aug-16
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING & INFORMATION TECHNOLOGY					
28	JIIT1020	PROF. SANJAY GOEL	PROFESSOR	BE(1986), M.Sc., M.Tech.(1991), Ph.D.(2011)	18-Jun-02

SL	EMP. CODE	FACULTY NAME	DESIGNATION	QUALIFICATION	DOJ
29	JIIT1068	DR. KRISHNA ASAWA	PROFESSOR	B.Sc.(1993), MCA(1998), Ph.D.(2002)	30-May-03
30	JIIT1204	DR. VIKAS SAXENA	PROFESSOR	B.Tech.(2000), M.E.(2002), Ph.D.(2008)	1-Oct-05
31	JIIT1462	DR. SATISH CHANDRA	Asso. Prof.	B.E. (1997),M.Tech. (2003), PhD (2010)	1-Jul-11
32	JIIT1058	DR. SANDEEP KUMAR SINGH	Asso. Prof.	B.Sc.(1997), PGDM(1999), 'B' Level(2001), MCA (2002), Ph.D.(2011)	1-Jan-04
33	JIIT1491	DR. CHARU	Asso. Prof.	B.Tech. (2003), M.Tech.(2005), Ph.D. (2011)	12-Aug-11
34	JIIT1156	MR. PRAKASH KUMAR	Asso. Prof.	B.E.(1993), M.Tech.(2000).PH.D(2017)	14-Oct-04
35	JIIT1392	DR. CHETNA GUPTA	Asso. Prof.	BE (2004), M.Tech. (2006), Ph.D. (2011)	11-Dec-09
36	JIIT1532	DR. NEETU SARDANA	Asso. Prof.	B.Sc. (1997), MCA (2001), Ph.D. (2011)	28-Jul-12
37	JIIT1137	DR. SHIKHA K MEHTA	Asso. Prof.	B.Sc.(1998), MBA(2000), WDA(2001), M.Tech.(2003), Ph.D (2013).	9-Jul-04
38	JIIT1150	DR. ANUJA ARORA	Asso. Prof.	B.Sc.(2001), M.Sc.(2003), Diploma in C, C++(2003), MS (2009), Ph.D. (2013)	16-Aug-04
39	JIIT1517	DR. DEVPRIYA SONI	Asso. Prof.	B.Sc. (1998), MCA (2002), Ph.D. (2012)	4-Jul-12
40	JIIT1223	DR. CHETNA DABAS	AP (SG)	B.Sc.(1998),M.Sc.(2000), M.Tech(2002), Ph.D.(2011).	17-May-06
41	JIIT1070	DR. SHELLY SACHDEVA	Asso. Prof.	B.E.(2001), M.Tech.(2004), Ph.D. (2012)	5-Jun-03
42	JIIT1572	DR. DHARMVEER SINGH RAJPOOT	AP (SG)	BE (2005), M.Tech(2008), Ph.D. (2013)	08-Jul-13
43	JIIT1213	DR. MANISH KUMAR THAKUR	AP (SG)	BE(1998(, M.Tech.(2004). Ph.D.(2014).	16-Jan-06
44	JIIT1616	DR. MUKESH SARASWAT	AP (SG)	B.E. (2001), M.Tech. (2010), Ph.D. (2013)	23-Jul-14
45	JIIT1229	DR. SUMA DAWN	AP (SG)	BE(2002), M.Tech.(2005), Ph.D. (2015)	10-Jul-06
46	JIIT1288	DR. SANGEETA MITTAL	AP (SG)	B.Tech.(2000), M.Tech.(2007), Ph.D. (2015)	2-Aug-07
47	JIIT1121	DR. TRIBHUWAN KUMAR TEWARI	AP (SG)	B.Sc.(1998), B.E. (2003), M Tech.((2007), Ph.D. (2015)	12-Jan-04
48	JIIT1547	DR. ADWITIYA SINHA	AP (SG)	BCA (2006), MCA (2008), M.Tech. (2010), Ph.D. (2015)	18-Feb-13
49	JIIT1178	DR. GAGANDEEP KAUR	AP (SG)	B.E.(2002), M.E.(2004), Ph.D. (2015)	28-Jun-05
50	JIIT1021	DR. BHARAT GUPTA	AP (SG)	BE(1999), M.Tech.(2000), Ph.D.(2015)	1-Jul-02
51	JIIT1088	DR.MUKTA GOYAL	AP (SG)	B.Tech.(1995), M.Tech.(1999)PH.D(2016)	11-Aug-03
52	JIIT1051	DR. K.RAJALAKSHMI	AP (SG)	BE(2000), ME(2001)PH.D(2016)	7-Jan-03
53	JIIT1219	MS. KAVITA PANDEY	AP (SG)	BE(2002), M.Tech.(2003). Ph.D(2017)	11-Apr-06
54	JIIT 1782	DR. NIYATI BALIYAN	AP (SG)	M.Tech(2012),Ph.D(2016)	29-Aug-17
55	JIIT1768	MS.APARAJITA NANDA	AP (SG)	M.Tech(2011),Ph.D(2017)	08-Aug-17
56	JIIT1773	MS.BINDU VERMA	ASST. PROF (II)	B.Tech(2012), M.Tech.(2015)	10-Aug-17
57	JIIT1772	RUPESH KUMAR KOHARIYA	ASST. PROF (I)	B.Tech(2012), M.Tech.(2015)	16-Aug-17
58	JIIT1771	MS.SONAL GOEL	ASST. PROF (I)	B.Tech(2013), M.Tech.(2016)	10-Aug-17
59	JIIT1769	SARISHTY GUPTA	ASST. PROF (I)	B.Tech(2013), M.Tech.(2016)	03-Aug-17
60	JIIT1774	ANURAG GOEL	ASST. PROF (I)	B.Tech(2012), M.Tech.(2017)	10-Aug-17
61	JIIT1783	MS.DEEPTI	ASST. PROF (I)	B.Tech(2011), M.Tech.(2014)	21-Sep-17
62	JIIT1784	MS.ANKITA VERMA	ASST. PROF (II)	B.Tech(2011), M.Tech.(2014)	16-Sep-17
63	JIIT1794	MS.ANSHU MALHOTRA	ASST. PROF (II)	B.Tech(2009), M.Tech.(2012)	27-Dec-17
64	JIIT1670	DR. TAJ ALAM	AP (SG)	B.Tech. (2009), M.Tech. (2012), Ph.D. (2017)	19-Feb-15

SL	EMP. CODE	FACULTY NAME	DESIGNATION	QUALIFICATION	DOJ
65	JIIT1355	DR. SHIKHA JAIN	AP (SG)	B.Tech.(2003), M.Tech.(2007),PH.D(2016)	01-Jul-09
66	JIIT1324	DR. PARMEET KAUR	AP (SG)	BE(1998), M.Tech. (2008)PH.D(2016)	25-Jul-08
67	JIIT1174	MS. HEMA N	ASST. PROF (II)	BE(2000), M.Tech.(2003).Ph.D.(Pursuing).	4-Jun-05
68	JIIT1228	MS. INDU CHAWLA	ASST. PROF (II)	BE(2000), M.Tech(2006)	4-Jul-06
69	JIIT1220	MR. PAWAN KUMAR UPADHYAY	ASST. PROF (II)	B.Sc.(2000), M.Sc.(2002), M.Tech.(2005).	10-Apr-06
70	JIIT1423	MS. DHANALEKSHMI G.	ASST. PROF (II)	B.Tech. (1995), M.Tech. (2002)	10-Jul-10
71	JIIT1366	MR. K. VIMAL KUMAR	ASST. PROF (II)	BE(2004), ME(2007)	15-Jul-09
72	JIIT1442	DR. SANJEEV	AP (SG)	B.Tech.(2005), M.Tech.(2008)	3-Jan-11
73	JIIT1299	MS. ARCHANA PURWAR	ASST. PROF (II)	B.Sc.(1999), MCA(2003), M.Tech.(2007)	01-Feb-08
74	JIIT1135	MS. ARTI JAIN	ASST. PROF (II)	B.Sc.(1998), MCA(2002). MS (2009)	2-Jul-04
75	JIIT1504	MR. SANTOSH KUMAR VERMA	ASST. PROF (II)	B.Tech.(2004), M.Tech.(2009), Ph.D. (Pursuing)	26-Dec-11
76	JIIT1408	MS. MEGHA RATHI	ASST. PROF (II)	B.Tech.(2005), M.Tech. (2010)	5-Jul-10
77	JIIT1604	MR. PRASHANT KAUSHIK	ASST. PROF (II)	B.Tech. (2003), M.Tech. (2008)	1-Oct-13
78	JIIT1508	MS. NIYATI AGGRAWAL	ASST. PROF (II)	B.Tech.(2006), M.Tech. (2010)	13-Feb-12
79	JIIT1501	MS. ANUBHUTI RODA MOHINDRA	ASST. PROF (II)	B.Tech.(2007), MS (2008)	2-Jan-12
80	JIIT1514	MS. AMBALIKA SARKAR	ASST. PROF (II)	B.Tech.(2006), M.Tech. (2010)	02-Jul-12
81	JIIT1518	MR. GAURAV KUMAR NIGAM	ASST. PROF (II)	B.Tech.(2005), M.Tech. (2009)	02-Jul-12
82	JIIT1515	MS. AMANPREET KAUR	ASST. PROF (II)	B.Tech.(2006), M.Tech. (2009)	10-Jul-12
83	JIIT1619	MR. RAVINDER AHUJA	ASST. PROF (II)	B.Tech.(2005), M.Tech. (2011)	23-Jul-14
84	JIIT1510	MS. SANGEETA	ASST. PROF (II)	B.Sc.(2007), M.Sc.(2009), M.Tech.(2011)	04-Apr-12
85	JIIT1530	MR. PULKIT MEHNDIRATTA	ASST. PROF (II)	B.Tech.(2010), M.Tech. (2012)	20-Jul-12
86	JIIT1497	MR. HIMANSHU AGRAWAL	ASST. PROF (II)	B.E.(2007), M.Tech. (2011)	10-Dec-11
87	JIIT1538	MS. ANURADHA GUPTA	ASST. PROF (II)	B.Tech.(2008), M.Tech. (2012)	19-Nov-12
88	JIIT1541	MR. SUDHANSHU KULSHRESTHA	ASST. PROF (II)	B.Tech.(2009), M.Tech. (2011)	04-Dec-12
89	JIIT1548	MR. HIMANSHU MITTAL	ASST. PROF (II)	B.Tech.(2010), M.Tech. (2012)	14-Feb-13
90	JIIT1550	MR. RAJU PAL	ASST. PROF (II)	B.Tech.(2010), M.Tech. (2012)	15-Feb-13
91	JIIT1554	MS. SHARDHA PORWAL	ASST. PROF (II)	Diploma-IT (2004), B.Tech.(2007), M.Tech. (2012)	25-Feb-13
92	JIIT1557	MS. SAKSHI AGARWAL	ASST. PROF (II)	B.Tech.(2010), M.Tech. (2012)	11-Mar-13
93	JIIT1575	MS. ANKITA	ASST. PROF (II)	B.Tech. (2011), M.Tech. (2013)	08-Jul-13
94	JIIT1587	MR. BANSIDHAR JOSHI	ASST. PROF (II)	B.Tech. (2009), M.Tech. (2011)	12-Jul-13
95	JIIT1569	MS. AKANKSHA BHARDWAJ	ASST. PROF (II)	Dual Degree (B.Tech.-M.Tech.)-(2013)	09-Jul-13
96	JIIT1600	MR. AVINASH CHANDRA PANDEY	ASST. PROF (II)	B.Tech. (2007), M.Tech. (2012)	09-Sep-13
97	JIIT1606	MS. KRITIKA RANI	ASST. PROF (II)	Diploma in CSE (2008), B.Tech. (2011), M.Tech. (2013)	26-Dec-13
98	JIIT1663	MS. VARSHA GARG	ASST. PROF (II)	B.Tech. (1992), M.Tech. (2010)	15-Jan-15
99	JIIT1546	MS. ARPITA JADHAV BHATT	ASST. PROF (II)	B.E. (2008), M.E. (2010)	18-Feb-13

SL	EMP. CODE	FACULTY NAME	DESIGNATION	QUALIFICATION	DOJ
100	JIIT1573	MS. ADITI SHARMA	ASST. PROF (II)	B.Tech. (2011), M.Tech. (2013)	08-Jul-13
101	JIIT1580	MS. ANKITA GUPTA	ASST. PROF (II)	B.Tech. (2011), M.Tech. (2013)	11-Jul-13
102	JIIT1579	MS. SOMYA JAIN	ASST. PROF (II)	B.Tech. (2010), M.Tech. (2013)	08-Jul-13
103	JIIT1582	MR. MAHENDRA KUMAR GURVE	ASST. PROF (II)	B.E (2010), M.Tech. (2013)	11-Jul-13
104	JIIT1574	MR. ROHIT PAL SINGH	ASST. PROF (I)	B.Tech. (2011), MS (2013)	08-Jul-13
105	JIIT1570	MS. PARUL AGARWAL	ASST. PROF (II)	B.Tech. (2010), M.Tech. (2012)	08-Jul-13
106	JIIT1300	MS. PURTEE KOHLI	ASST. PROF (I)	B.Sc.(1998), MCA(2001), M.Phil. (2008)	01-Feb-08
107	JIIT1667	MR. KASHAV AJMERA	ASST. PROF (I)	B.E. (2011), M.Tech. (2014)	30-Jan-15
108	JIIT1691	MS. KIRTI AGGARWAL	ASST. PROF (I)	B.Tech. (2011), M.Tech. (2013)	01-Jan-16
109	JIIT1692	MR. ASHISH KUMAR TRIPATHI	ASST. PROF (I)	B.Tech. (2010), M.Tech. (2013), Ph.D. (Pursuing)	04-Jan-16
110	JIIT1694	MR. PRANTIK BISWAS	ASST. PROF (I)	B.Tech. (2010), M.Tech. (2015)	08-Jan-16
111	JIIT1695	MS. HIMANI BANSAL	ASST. PROF (II)	BE (2006), M.Tech. (2013), Ph.D. (Pursuing)	08-Jan-16
112	JIIT1696	MR. SHARIQ MURTUZA	ASST. PROF (I)	B.Tech. (2013), M.Tech. (2015)	09-Jan-16
113	JIIT1715	DR.POTUKUCH RAGHU VAMSI	AP (SG)	M.Tech(2007),Ph.D(2016)	25-Jul-16
114	JIIT1716	MS.SHERRY GARG	ASST. PROF (II)	B.Tech(2008),M.E(2011)	03-Aug-16
115	JIIT1718	DR.PAYAL KHURANA BATRA	AP (SG)	M.E(2009),Ph.D(2017)	12-Feb-16
116	JIIT1734	MR. MINTU SINGH	ASST. PROF (II)	B.Tech. (2010), M.Tech. (2012)	28-Nov-16
117	JIIT1740	DR. AMARJEET	AP (SG)	B.Tech. (2004), M.Tech. (2011)Ph.D. (Pursuing)	25-Jan-17
118	JIIT1742	MS. MRADULA SHARMA	ASST. PROF (II)	B.Tech. (2007), M.Tech. (2012)	06-Feb-17
119	JIIT1741	MS. AMARJEET KAUR	ASST. PROF (II)	B.E (2005), M.Tech. (2010)	06-Feb-17
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING					
120	JIIT1284	PROF. ROOP CHANDRA JAIN	PROFESSOR	B.Sc.(1966), BE(1970), ME(1978),ME(1985), Ph.D.(1988).	10-Jul-07
121	JIIT1050	PROF. SAMIR DEV GUPTA	PROFESSOR	BE(1977), M.Tech.(1984), MSc..(1994). Ph.D.(2012).	29-Nov-02
122	JIIT1627	DR.SHWETA SRIVASTAVA	PROFESSOR	B.Tech. (1998), Ph.D. (2002)	18-Jul-14
123	JIIT1412	DR. VIKRAM KARWAL	Asso. Prof.	B.Tech. (2001), MS (2006), Ph.D. (2009)	28-Jun-10
124	JIIT1460	DR. JITENDRA MOHAN	Asso. Prof.	B.Tech. (2001), M.Tech.(2005), Ph.D. (2011)	1-Jul-11
125	JIIT1443	DR. SAJAI VIR SINGH	Asso. Prof.	BE (1998), ME(2002), Ph.D. (2011)	3-Jan-11
126	JIIT1154	DR. VINEET KHANDELWAL	Asso. Prof.	BE(1999), M.Tech.(2003). Ph.D. (2014)	4-Oct-04
127	JIIT1321	DR. VIVEK KUMAR DWIVEDI	Asso. Prof.	BE(2003), ME(2006), Ph.D. (2012)	01-Jul-08
128	JIIT1674	DR. ABHINAV GUPTA	Asso. Prof.	B.Tech.(2000), M.Tech. (2004), Ph.D. (2013)	1-Jun-15
129	JIIT1118	DR. ASHISH GOEL	AP (SG)	B.Tech.(2002), M.Tech.(2004). Ph.D.(2013).	5-Jan-04
130	JIIT1186	DR. VIJAY KHARE	AP (SG)	BE(1998), M.Tech.(2000), Ph.D.(2013)	15-Jul-05
131	JIIT1291	DR. RICHA GUPTA	AP (SG)	BE(2003), M.Tech.(2005). Ph.D. (2013)	16-Aug-07
132	JIIT1602	DR. MEGHA AGARWAL	AP (SG)	B.Tech. (2007), M.Tech. (2009), Ph.D. (2013)	21-Sep-13
133	JIIT1216	DR. RAJESH KUMAR DUBEY	AP (SG)	B.Tech.(1999), M.Tech.(2002), Ph.D.(2014).	18-Feb-06

SL	EMP. CODE	FACULTY NAME	DESIGNATION	QUALIFICATION	DOJ
134	JIIT1269	DR. JASMINE SAINI	AP (SG)	BE(2000), ME(2004), Ph.D. (2014)	30-Dec-06
135	JIIT1555	DR. BHARTENDU CHATURVEDI	AP (SG)	B.Tech. (2005), M Tech. (2008), Ph.D. (2014)	23-Feb-13
136	JIIT1405	DR. ALOK JOSHI	AP (SG)	B.Tech. (2001), M.Tech.(2006), Ph.D. (Dec. 2014)	12-Jul-10
137	JIIT1060	DR. SHAMIM AKHTER	AP (SG)	B.Tech.(2001), M.Tech. (2002), Ph.D. (2015)	7-Apr-03
138	JIIT1500	DR. MADHU JAIN	AP (SG)	BE (2003), M.Tech.(2009), Ph.D. (2015)	4-Jan-12
139	JIIT1283	DR. RAHUL KAUSHIK	AP (SG)	B.Sc.(1998), B.Tech.(2001), M.Tech.(2003). Ph.D(2017)	5-Jul-07
140	JIIT1231	MR. ATUL KUMAR SRIVASTAVA	ASST. PROF (II)	B.Tech.(1998), MS(2002).	8-Jul-06
141	JIIT1083	MS. BHAWNA GUPTA	ASST. PROF (II)	B.Tech.(2001), M.Tech.(2003).	1-Jan-04
142	JIIT1075	MS. SMRITI BHATNAGAR	ASST. PROF (II)	B.Tech,.(1990),ME(1994)	1-Jul-03
143	JIIT1027	DR. PANKAJ KUMAR YADAV	AP (SG)	Diploma Engg.(1994), AMIETE(1999), M.Tech.(2001)PH.D(2016)	15-Jul-02
144	JIIT1183	MS. REEMA BUDHIRAJA	ASST. PROF (II)	BE(2002), ME(2005).	15-Jul-05
145	JIIT1399	MR. SATYENDRA KUMAR	ASST. PROF (II)	BE(1998), M.Tech.(2002)	16-Jan-10
146	JIIT1326	MS. SHRUTI KALRA	ASST. PROF (II)	B.Tech.(2005), M.Tech.(2007)	01-Aug-08
147	JIIT1362	MS. NEETU SINGH	ASST. PROF (II)	B.Tech.(2006), M.Tech.(2008)	6-Jul-09
148	JIIT1360	MS. JUHI	ASST. PROF (II)	B.E.(2005), M.E.(2008)	06-Jul-09
149	JIIT1233	MR. KIRMENDER SINGH	ASST. PROF (II)	B.E(1994), M.Tech.(2009)	1-Jul-04
150	JIIT1524	DR. AMIT SINGHAL	AP (SG)	B.Tech.- M Tech. Dual Degree Program (2009), Ph.D. (2016)	29-Jun-12
151	JIIT1424	MR. B. SURESH	ASST. PROF (II)	B.Tech,. (2006), M.Tech. (2010)	9-Jul-10
152	JIIT1419	DR. KAPIL DEV TYAGI	AP (SG)	Diploma - EC (2000), B.Tech. (2003), M.Tech. (2010)Ph.D(2016)	1-Jul-10
153	JIIT1567	MS. MONIKA	ASST. PROF (II)	B.Tech. (2004), M.Tech. (2010), Ph.D. (Pursuing)	08-Jul-13
154	JIIT1549	MR. VINAY ANAND TIKKIWAL	ASST. PROF (II)	B.E. (2005), M.S. (2012)	14-Feb-13
155	JIIT1521	MS. PRIYANKA KWATRA	ASST. PROF (II)	B.Tech. (2009), M.Tech. (2012)	3-Jul-12
156	JIIT1678	DR. PARUL PURI	AP (SG)	B.Tech. (2008), M.Tech. (2012), Ph.D. (2016)	7-Aug-15
157	JIIT1682	DR. GARIMA KAPUR	AP (SG)	B.E (2006), M.Tech. (2009). Ph.D. (2016)	1-Sep-15
158	JIIT1766	DR KUMAR PRASANNAJIT PRADHAN	AP (SG)	M.TECH(2013)Ph.D(2017)	22-Jul-17
159	JIIT1762	DR. KULDEEP BADERIA	AP (SG)	M.Tech(2011),Ph.D(2016)	24-Jul-17
160	JIIT1751	DR.ARCHANA PANDEY	AP (SG)	M.Tech(2012),Ph.D(2017)	08-Jul-17
161	JIIT1761	DR. ASHISH GUPTA	AP (SG)	M.Tech(2010),Ph.D(2017)	24-Jul-17
162	JIIT1754	DR DHARMENDRA KUMAR JHARIYA	AP (SG)	M.Tech(2011),Ph.D(2017)	14-Jul-17
163	JIIT1765	DR.BAJRANG BANSAL	AP (SG)	M.Tech(2008),Ph.D(2017)	25-Jul-17
164	JIIT1753	DR.VIMAL KUMAR MISHR	AP (SG)	B.Tech. (2009), M.Tech. (2012)Ph.D(2017)	14-Jul-17
165	JIIT1764	MR. KAUSHAL KUMAR NIGAM	ASST. PROF (II)	B.Tech. (2009), M.Tech. (2011)	20-Jul-17
166	JIIT1763	MR.YOGESH KUMAR	ASST. PROF (II)	B.E. (2009), M.Tech. (2013)	19-Jul-17

SL	EMP. CODE	FACULTY NAME	DESIGNATION	QUALIFICATION	DOJ
167	JIIT1770	MR.AMIT KUMAR GOYAL	ASST. PROF (II)	B.Tech(2012)M.tech(2014)	04-Aug-17
168	JIIT1689	MR. MANDEEP SINGH NARULA	ASST. PROF (II)	B.Tech. (2005), M.Tech. (2008)	29-Oct-15
169	JIIT1520	MR. VISHAL NARAIN SAXENA	ASST. PROF (II)	B.Tech. (2009), M.Tech. (2011)	4-Jul-12
170	JIIT1519	MS. SHRADHA SAXENA	ASST. PROF (II)	B.Tech. (2007), M.Tech. (2012)	9-Jul-12
171	JIIT1585	MR. GAURAV VERMA	ASST. PROF (II)	B.Tech. (2005), M.Tech. (2012)	15-Jul-13
172	JIIT1565	MR. ANKUR BHARDWAJ	ASST. PROF (II)	B.Tech. (2011), M.Tech. (2013)	09-Jul-13
173	JIIT1566	MR. ABHISHEK KASHYAP	ASST. PROF (II)	B.Tech. (2009), M.Tech. (2013)	08-Jul-13
174	JIIT1581	MS. SUMEGHA YADAV	ASST. PROF (II)	B.Tech. (2010), M.Tech. (2013)	11-Jul-13
175	JIIT1622	MR. SHIVAJI TYAGI	ASST. PROF (II)	B.Tech. (2008), M.Tech. (2012)	07-Jul-14
176	JIIT1621	MS. DEEKSHA CHANDOLA	ASST. PROF (II)	B.Tech. (2011), M.Tech. (2014)	21-Jul-14
177	JIIT1634	MR. RITESH KUMAR SHARMA	ASST. PROF (II)	B.Tech. (2010), M.Tech. (2014)	01-Aug-14
178	JIIT1662	MS. JYOTI VYAS	ASST. PROF (II)	B.E. (2006), M.Tech. (2009)	08-Jan-15
179	JIIT1690	MR. ABHAY KUMAR	ASST. PROF (II)	B.Tech. (2010), M.Tech. (2014)	02-Nov-15
180	JIIT1679	MR. VARUN GOEL	ASST. PROF (II)	B.Tech. (2011), M.Tech. (2014)	14-Aug-15
181	JIIT1638	MS. RUBY BENIWAL	ASST. PROF (II)	Diploma-ECE (200), B.Tech. (2007), M.Tech. (2011)	16-Aug-14
182	JIIT1738	MR. RAGHVENDA KUMAR SINGH	ASST. PROF (I)	B.Tech. (2012), M.Tech. (2014)	20-Jan-17
DEPARTMENT OF MATHEMATICS					
183	JIIT1013	DR. ALKA TRIPATHI	PROFESSOR	B.Sc.(1988), M.Sc.(1990), , Ph.D.(1995).	17-Sep-01
184	JIIT1285	DR. AMRISH KUMAR AGGARWAL	PROFESSOR	B.Sc.(1987), M.Sc.(1989),B.Ed.(1990), M.Phil.(1992) PGDCA(1993)Ph.D.(2006)	4-Jul-07
185	JIIT1282	DR. BHAGWATI PRASAD CHAMOLA	PROFESSOR	B.Sc.(1988), M.Sc.(1990), NET(1999), M.Phil.(2001), Ph.D.(2006)	8-Jun-07
186	JIIT1176	DR.SANJEEV SHARMA	Asso. Prof.	B.Sc.(1992), M.Sc.(1994), , Ph.D(2000)	25-Jun-05
187	JIIT1325	DR. LOKENDRA KUMAR	Asso. Prof.	B.Sc.(1997), M.Sc.(1999), Ph.D.(2004)	25-Jul-08
188	JIIT1421	DR. AMIT SRIVASTAVA	Asso. Prof.	B.Sc.(1996), M.Sc.(1998). Ph.D. (2008)	29-Jun-10
189	JIIT1628	DR. PARUL TIWARI	AP (SG)	B.Sc.(1998), MA.(2000). Ph.D. (2008)	23-Jul-14
190	JIIT1444	DR. PATO KUMARI	AP (SG)	B.Sc.(2003), M.Sc.(2005), M.Phil.(2007), Ph.D.(2010)	1-Jan-11
191	JIIT1476	DR. PANKAJ KUMAR SRIVASTAVA	AP (SG)	B.Sc.(1995), M.Sc.(1999). Ph.D. (2010)	1-Jul-11
192	JIIT1594	DR. DINESH CHANDRA SINGH BISHT	AP (SG)	B.Sc.(2002), M.Sc.(2004), Ph.D.(2009)	8-Aug-13
193	JIIT1608	DR. ANUJ BHARDWAJ	AP (SG)	B.Sc.(1998), M.Sc.(2000), Ph.D.(2011).	28-Dec-13
194	JIIT1601	DR. YOGESH GUPTA	AP (SG)	B.Sc.(1996), M.Sc.(1998), Ph.D.(2012).	19-Sep-13
195	JIIT1605	DR. PUNEET RANA	AP (SG)	B.Sc.(2006), M.Sc.(2008), Ph.D.(2013).	23-Nov-13
196	JIIT1664	DR. LAKHVEER KAUR	ASST. PROF (II)	B.Sc.(2006), M.Sc.(2008), Ph.D.(2013).	19-Jan-15
197	JIIT1725	DR. PRAVESH KUMAR	ASST. PROF (II)	M.E(2009),PH.D(2013)	03-Sep-16
198	JIIT1727	DR.HIMANSHU AGARWAL	ASST. PROF (II)	M.SC(2009),PH.D(2015)	10-Sep-16
DEPARTMENT OF PHYSICS & MATERIAL SCIENCE & ENGINEERING					
199	JIIT1003	PROF. D.K. RAI	PROFESSOR	B.Sc.(1986), M.Sc.(1988), Ph.D.(1994).	2-May-01
200	JIIT1441	PROF. S. C. KATYAL	PROFESSOR	B.Sc.(1973), M.Sc.(1975), Ph.D.(1981).	1-Jan-11

SL	EMP. CODE	FACULTY NAME	DESIGNATION	QUALIFICATION	DOJ
201	JIIT1039	PROF. ANIRBAN PATHAK	PROFESSOR	B.Sc.(1996), M.Sc.(1998), Ph.D.(2002).	5-Aug-02
202	JIIT1166	DR. S.P PUROHIT	PROFESSOR	B.Sc.(1984), M.Sc.(1986), Ph.D.(1992).	22-Feb-05
203	JIIT1188	DR. RAKESH KUMAR DWIVEDI	PROFESSOR	B.Sc.(1985), M.Sc.(1989), M.Tech.(1994), Ph.D.(1999).	28-Jul-05
204	JIIT1131	DR. NAVNEET KUMAR SHARMA	Asso. Prof.	B.Sc.(1995), M.Sc.(1997), Ph.D.(2004).	15-Jun-04
205	JIIT1182	DR. PAPIA CHOWDHURY	Asso. Prof.	B.Sc.(1996), M.Sc.(1999), Ph.D.(2005).	11-Jul-05
206	JIIT1227	DR. NAVENDU GOSWAMI	Asso. Prof.	B.Sc.(1996), B.Ed.(1997), M.Sc.(1999), Ph.D.(2006).	19-Jun-06
207	JIIT1314	DR. VIVEK SAJAL	Asso. Prof.	B.Sc.(1997), M.Sc.(1999), CSIR-UGC (NET) JRF (2001), Ph.D.(2008), GATE-2002	07-Jul-08
208	JIIT1368	DR. MANOJ KUMAR	Asso. Prof.	B.Sc.(2001), M.Sc.(2003), Ph.D.(2008)	09-Jul-09
209	JIIT1395	DR. SUNEET KUMAR AWASTHI	Asso. Prof.	B.Sc.(1998), M.Sc.(2003), Ph.D.(2007)	07-Jan-10
210	JIIT1564	DR. VIKAS MALIK	Asso. Prof.	B.Sc.(1996), M.Sc.(1998), Ph.D.(2005)	08-Jul-13
211	JIIT1496	DR. ALOK PRATAP SINGH CHAUHAN	AP (SG)	B.Tech. (2002), MS (2005), Ph.D. (2007)	09-Dec-11
212	JIIT1406	DR. SANDEEP CHHOKER	AP (SG)	B.Sc.(1999), M.Sc.(2003), Ph.D.(2010)	13-Jul-10
213	JIIT1257	DR. AMIT VERMA	AP (SG)	B.Sc.(1997), M.Sc.(1999), M.Tech.(2003). PH.D. (2010)	21-Sep-04
214	JIIT1503	DR. PRASHANT KUMAR CHAUHAN	AP (SG)	B.Sc.(1997), M.Sc.(1999), M.Tech.(2000). PH.D. (2008)	03-Jan-12
215	JIIT1474	DR. BHUBESH CHANDER JOSHI	AP (SG)	B.Sc.(2002), M.Sc.(2004), Ph.D.(2010)	07-Jul-11
216	JIIT1531	DR. SWATI RAWAL	AP (SG)	B.Sc.(2004), M.Sc.(2006), Ph.D.(2011)	23-Jul-12
217	JIIT1499	DR. ANSHU DHIRENDRA VARSHNEY	AP (SG)	B.Sc.(1998), M.Sc.(2000), Ph.D.(2010)	27-Dec-11
218	JIIT1729	DR. HIMANSHU PANDEY	ASST. PROF (II)	M.Sc.(2006), Ph.D.(2014)	01-Oct-16
219	JIIT1776	DR. DINESH TRIPATHI	ASST. PROF (I)	M.TECH.(2011), Ph.D(2015)	16-Aug-17
220	JIIT1777	DR. ANURAJ PANWAR	AP (SG)	M.SC.(2002), Ph.D(2010)	21-Aug-17
DEPARTMENT OF HUMANITIES AND SOCIAL SCIENCES					
221	JIIT1205	DR. MUKTA MANI	Asso. Prof.	B.Sc.(1998), 'O' Level Diploma(1998), MBA(2000), DBF(2002), UGC-NET(2002), Ph.D.(2010)	5-Oct-05
222	JIIT1163	DR. SANTOSHI SEN GUPTA	Asso. Prof.	BBM(2002), MBA(2003), Ph.D.(2011)	31-Jan-05
223	JIIT1721	DR.MONALI BHATTACHARY	Asso. Prof.	MA(2002),Ph.D(2008)	24-Aug-16
224	JIIT1422	DR. AMBA AGARWAL	AP (SG)	BA (1993), MA (1995), Ph.D. (2003)	5-Jul-10
225	JIIT1446	DR. NILU CHOUDHARY	AP (SG)	BA (1983), MA (1985), B.Ed.(1991),Ph.D. (2000)	11-Jan-11
226	JIIT1483	DR. RUCHI GAUTAM	AP (SG)	B.Sc. (H) (2002), M.Sc.(2004), UGC-NET(2003), Ph.D.(2011)	25-Jun-11
227	JIIT1461	DR. SAKSHI VARSHNEY	AP (SG)	B.Com.(2001), M.Com.(2003), Ph.D. (2009), MBA (Pursuing)	01-Jul-11
228	JIIT1130	DR. BADRI BAJAJ	AP (SG)	B.Sc.(1996), MBA(1999).Ph.D.(2013).	1-Apr-04
229	JIIT1047	DR. SANTOSH DEV	AP (SG)	BA(1976), B.Ed.(1980), M.A.(1981), PGCTE(1984), PGDHRM(2007). Ph.D. (2013)	24-Oct-02

SL	EMP. CODE	FACULTY NAME	DESIGNATION	QUALIFICATION	DOJ
230	JIIT1327	DR. SWATI SHARMA	AP (SG)	BA(1993), PGDBM(1998), Ph.D. (2013)	18-Jul-08
231	JIIT1359	DR. SHIRIN ALAVI	AP (SG)	B.Com.(2000), Master in Int. Business(2002), Ph.D. (2013)	04-Jul-09
232	JIIT1361	DR. MONICA CHAUDHARY	AP (SG)	BA(2001), MA(2003), PGDM(2004), M.Phil.(2009), Ph.D. (2013)	06-Jul-09
233	JIIT1470	DR. KANUPRIYA MISRA BAKHRU	AP (SG)	B.Tech.(2005), MBA(2009), Ph.D.(2015)	01-Jul-11
234	JIIT1328	MS. PUNEET PANNU	ASST. PROF (II)	BA(1989), MA(1991), B.Ed.(1992), MBA(1999)	12-Aug-08
235	JIIT1290	MR. MANAS RANJAN BEHERA	ASST. PROF (II)	B.Sc.(1999), M.Sc.(2001), Ph.D.(Pursuing).	11-Aug-07
236	JIIT1364	MS. ANSHU BANWARI	ASST. PROF (II)	B.E.(2003), MBA(2005)	06-Jul-09
237	JIIT1471	DR. PRAVEEN KUMAR SHARMA	ASST. PROF (II)	BBA(2004), MBA(2008), M.Phil.(2009) PH.D(2016)	24-Jun-11
238	JIIT1472	DR. DEEPAK VERMA	ASST. PROF (II)	B.Sc. (1997), MBA (1999), Ph.D. (2015)	09-Jul-11
239	JIIT1684	DR. EKTA SRIVASTAVA	ASST. PROF (II)	BA (2000), MA(2002), Ph.D.(2007)	16-Sep-15
JAYPEE BUSINESS SCHOOL					
240	JIIT1349	PROF. GOPAL KRISHNA AGARWAL	PROFESSOR	B.Com.(1974), ICA(1978), CS(1980), CWA(1983)	22-Apr-09
241	JIIT1495	DR. RAJNISH KUMAR MISRA	PROFESSOR	BA (1991), M. Psy. HRDM (1999), Ph.D. (2001)	17-Oct-11
242	JIIT1543	DR. VANDANA AHUJA	Asso. Prof.	B.Sc. ((1992), M.Sc.(1994), Ph.D.(2010)	1-Jul-11
243	JIIT1294	DR. S. SURESH	AP (SG)	BE(1992), PGDM(1995), Ph.D. (2013)	4-Dec-07
244	JIIT1384	DR. MOONIS SHAKEEL	Asso. Prof.	BA (2002), MA(2004), Ph.D.(2009)	5-Nov-09
245	JIIT1289	DR. RAHUL SHARMA	Asso. Prof.	B.Com.(1999), M.Com.(2002), Ph.D.(2009), PGDIM(Pursuing)	4-Aug-07
246	JIIT1403	DR. SUJATA KAPOOR	AP (SG)	B.Com.(2002), M.Com.(2004), MBA(2004), Ph.D (2010)	16-Jun-08
247	JIIT1562	MR. SHRIRAM ANIL PURANKAR	ASST. PROF (II)	BE (2004), MBA (2011)	14-Jun-13
248	JIIT1789	MR.KALYAN ASHIS SAMADDAR	ASST. PROF (II)		18-Sep-17

Note:

ASST. PROF (I)	Assistant Professor (Grade-I)
ASST. PROF (II)	Assistant Professor (Grade-II)
AP (SG)	Assistant Professor (Senior Grade)
Asso. Prof.	Associate Professor
Prof.	Professor

DASS GUPTA & ASSOCIATES
Chartered Accountants
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Phones: 46111000 (30 lines) FAX: 011-4611 1099 E-mail: admin @ dassgupta.com

INDEPENDENT AUDITORS' REPORT

TO THE MEMBERS OF THE BOARD OF MANAGEMENT

JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY
(DECLARED AS DEEMED TO BE UNIVERSITY U/S 3 OF THE UGC ACT, 1956),
A-10, SECTOR-62, NOIDA, U.P.

REPORT ON THE FINANCIAL STATEMENTS

WE HAVE AUDITED THE ATTACHED BALANCE SHEET OF JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY. [RUN BY JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY SOCIETY (REGD.)], AS AT 31ST MARCH 2017 AND THE ANNEXED INCOME & EXPENDITURE ACCOUNT FOR THE YEAR THEN ENDED, AND A SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES AND OTHER EXPLANATORY INFORMATION.

MANAGEMENT'S RESPONSIBILITY FOR THE FINANCIAL STATEMENTS

MANAGEMENT IS RESPONSIBLE FOR THE PREPARATION OF THESE FINANCIAL STATEMENTS THAT GIVE A TRUE AND FAIR VIEW OF THE FINANCIAL POSITION AND FINANCIAL PERFORMANCE OF THE INSTITUTE IN ACCORDANCE WITH THE INCOME TAX ACT 1961 ("THE ACT"). THIS RESPONSIBILITY ALSO INCLUDES MAINTENANCE OF ADEQUATE ACCOUNTING RECORDS IN ACCORDANCE WITH THE PROVISIONS OF THE ACT FOR SAFEGUARDING THE ASSETS OF THE INSTITUTE AND FOR PREVENTING AND DETECTING FRAUDS AND OTHER IRREGULARITIES; SELECTION AND APPLICATION OF APPROPRIATE ACCOUNTING POLICIES; MAKING JUDGMENTS IN THE ESTIMATES THAT ARE REASONABLE AND PRUDENT; AND DESIGN,

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IMPLEMENTATION AND MAINTENANCE OF ADEQUATE INTERNAL FINANCIAL CONTROLS, THAT WERE OPERATING EFFECTIVELY FOR ENSURING THE ACCURACY AND COMPLETENESS OF THE ACCOUNTING RECORDS, RELEVANT TO THE PREPARATION AND PRESENTATION OF THE FINANCIAL STATEMENTS THAT GIVE A TRUE AND FAIR VIEW AND ARE FREE FROM MATERIAL MISSTATEMENT, WHETHER DUE TO FRAUD OR ERROR.

AUDITOR'S RESPONSIBILITY

OUR RESPONSIBILITY IS TO EXPRESS AN OPINION ON THESE FINANCIAL STATEMENTS BASED ON OUR AUDIT. WE CONDUCTED OUR AUDIT IN ACCORDANCE WITH THE STANDARDS ON AUDITING ISSUED BY THE INSTITUTE OF CHARTERED ACCOUNTANTS OF INDIA. THOSE STANDARDS REQUIRE THAT WE COMPLY WITH ETHICAL REQUIREMENTS AND PLAN AND PERFORM THE AUDIT TO OBTAIN REASONABLE ASSURANCE ABOUT WHETHER THE FINANCIAL STATEMENTS ARE FREE FROM MATERIAL MISSTATEMENT.

AN AUDIT INVOLVES PERFORMING PROCEDURES TO OBTAIN AUDIT EVIDENCE ABOUT THE AMOUNTS AND DISCLOSURES IN THE FINANCIAL STATEMENTS. THE PROCEDURES SELECTED DEPEND ON THE AUDITOR'S JUDGMENT, INCLUDING THE ASSESSMENT OF THE RISKS OF MATERIAL MISSTATEMENT OF THE FINANCIAL STATEMENTS, WHETHER DUE TO FRAUD OR ERROR. IN MAKING THOSE RISK ASSESSMENTS, THE AUDITOR CONSIDERS INTERNAL CONTROL RELEVANT TO THE INSTITUTE PREPARATION AND FAIR PRESENTATION OF THE FINANCIAL STATEMENTS IN ORDER TO DESIGN AUDIT PROCEDURES THAT ARE APPROPRIATE IN THE CIRCUMSTANCES, BUT NOT FOR THE PURPOSE OF EXPRESSING AN OPINION ON THE EFFECTIVENESS OF THE ENTITY'S INTERNAL CONTROL. AN AUDIT ALSO INCLUDES EVALUATING THE APPROPRIATENESS OF

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ACCOUNTING POLICIES USED AND THE REASONABLENESS OF THE ACCOUNTING ESTIMATES MADE BY MANAGEMENT, AS WELL AS EVALUATING THE OVERALL PRESENTATION OF THE FINANCIAL STATEMENTS.

WE BELIEVE THAT THE AUDIT EVIDENCE WE HAVE OBTAINED IS SUFFICIENT AND APPROPRIATE TO PROVIDE A BASIS FOR OUR AUDIT OPINION.

OPINION

A. IN OUR OPINION AND TO THE BEST OF OUR INFORMATION AND ACCORDING TO THE EXPLANATIONS GIVEN TO US, THE SAID ACCOUNTS WITH SIGNIFICANT ACCOUNTING POLICIES AND OTHER NOTES THEREON GIVE A TRUE AND FAIR VIEW:
   (I) IN THE CASE OF BALANCE SHEET, OF THE STATE OF AFFAIRS OF THE INSTITUTE AS AT 31ST MARCH 2017; AND
   (II) IN THE CASE OF INCOME & EXPENDITURE ACCOUNT, OF THE DEFICIT FOR THE YEAR ENDED ON THAT DATE.

REPORT ON OTHER LEGAL AND REGULATORY REQUIREMENTS

B. WE HAVE OBTAINED ALL THE INFORMATION AND EXPLANATIONS, WHICH TO THE BEST OF OUR KNOWLEDGE AND BELIEF WERE NECESSARY FOR THE PURPOSE OF OUR AUDIT.

C. IN OUR OPINION PROPER BOOKS OF ACCOUNT AS REQUIRED BY LAW HAVE BEEN KEPT BY THE COMPANY SO FAR AS APPEARS FROM OUR EXAMINATION OF THOSE BOOKS;

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D. THE BALANCE SHEET AND STATEMENT OF INCOME & EXPENDITURE ACCOUNT DEALT WITH BY THIS REPORT ARE IN AGREEMENT WITH THE BOOKS OF ACCOUNT;

E. IN OUR OPINION THE BALANCE SHEET AND INCOME & EXPENDITURE ACCOUNT DEALT WITH BY THIS REPORT COMPLY WITH THE APPLICABLE ACCOUNTING STANDARDS SUBJECT TO OUR COMMENTS IN SIGNIFICANT ACCOUNTING POLICIES AND NOTES ANNEXED TO AND FORMING PART OF THE ACCOUNTS.

FOR AND ON BEHALF OF
DASS GUPTA & ASSOCIATES
CHARTERED ACCOUNTANTS
REGISTRATION NO: 000112N

(ASHOK KUMAR JAIN)
PARTNER
MEMBERSHIP NO. 090569

DATE : 25/10/2017
PLACE: NEW DELHI

JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY , NOIDA
(DECLARED AS DEEMED TO BE UNIVERSITY UNDER SECTION 3 OF THE UGC ACT)
(RUN BY JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY SOCIETY, REGD.)

BALANCE SHEET AS ON 31ST MARCH, 2017

AMOUNT (Rs) 31.03.2016	LIABILITIES	SCH		AMOUNT (Rs) 31.03.2017	AMOUNT (Rs) 31.03.2016	ASSETS	SCH		AMOUNT (Rs) 31.03.2017
5,00,00,000	**CORPUS FUND**			5,00,00,000					
					1,91,68,29,121	**FIXED ASSETS**			
	REVALUATION OF ASSETS RESERVE					GROSS BLOCK		2,90,07,91,943	
22,24,011	OPENING BALANCE		18,91,050		54,72,75,497	LESS : DEPRECIATION	"A"	73,09,63,622	2,16,98,28,321
3,32,961	LESS : DEPRECIATION DURING THE YEAR ON		2,83,026	16,08,024	1,36,95,53,624				
18,91,050	REVALUED ASSETS								
	GENERAL FUND					**CURRENT ASSETS, LOANS & ADVANCES**			
74,93,72,867	OPENING BALANCE		96,51,19,331						
28,40,10,930	ADD:DEVELOPMENT FEE RECEIVED DURING THE YEAR		29,39,25,103		60,92,71,160	CASH & BANK BALANCE	"B"		73,97,63,444
(6,82,64,466)	LESS : DEFICIT AS PER INCOME & EXPENDITURE		(5,35,98,119)	1,20,54,46,315					
96,51,19,331					5,64,99,139	ADVANCES RECOVERABLE IN CASH OR IN KIND OR VALUE TO BE RECEIVED	"C"		2,03,46,123
	RESEARCH PROJECT GRANTS				1,00,86,525	PREPAID EXPENSES	"D"		1,16,70,195
42,87,379	OPENING BALANCE		90,87,858						
1,72,16,206	ADD : RECEIVED DURING THE YEAR		90,29,890		9,71,645	SECURITY DEPOSIT	"E"		9,71,645
(1,24,15,727)	LESS : UTILISED/REFUNDED DURING THE YEAR		1,43,06,446	38,11,302					
90,87,858					43,90,941	STOCK-IN-HAND	"F"		58,48,629
	SECURED LOANS								
29,44,63,427	FROM YES BANK, NEW DELHI (REFER NOTE - 3)			79,29,95,236					
	DEFERRED PAYMENT LIABILITY			20,00,00,000					
	CURRENT LIABILITIES & PROVISIONS								
46,48,47,678	SUNDRY CREDITORS	"G"		45,54,57,919					
21,96,60,390	OTHER LIABILITIES	"H"		19,22,86,761					
	CAUTION MONEY								
4,52,75,000	CURRENT STUDENTS		4,63,94,500						
	(DUE FOR PAYMENT DURING NEXT ONE YEAR Rs.1,16,33,500/- PREVIOUS YEAR Rs.1,14,75,000/-)								
4,28,300	EX-STUDENTS / UN-CLAIMED		4,28,300	4,68,22,800					
2,05,07,73,034	TOTAL			2,94,84,28,357	2,05,07,73,034	TOTAL			2,94,84,28,357

SIGNIFICANT ACCOUNTING POLICIES AND NOTES ON ACCOUNTS AS PER SCHEDULE 'M' FORM PART OF BALANCE SHEET.
AS PER OUR REPORT OF EVEN DATE ATTACHED

FOR DASS GUPTA & ASSOCIATES
CHARTERED ACCOUNTANTS
REGISTRATION NO: 000112N

(ASHOK KUMAR JAIN)
PARTNER
MEMBERSHIP NO: 090562

PLACE : NEW DELHI
DATE : 25/10/2017

FOR JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY
(DECLARED AS DEEMED TO BE UNIVERSITY UNDER SECTION 3 OF THE UGC ACT, 1956)

(PROF. S.C. SAXENA)
VICE - CHANCELLOR

(RAJU SANGAL)
REGISTRAR

(SJS SONI)
CHIEF FINANCE OFFICER

JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY , NOIDA

(DECLARED AS DEEMED TO BE UNIVERSITY UNDER SECTION 3 OF THE UGC ACT)
(RUN BY JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY SOCIETY, REGD.)

INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31.03.2017.

AMOUNT (RS.) 31.03.2016	EXPENDITURE	SCH	AMOUNT (RS.) 31.03.2017	AMOUNT (RS.) 31.03.2016	INCOME	SCH	AMOUNT (RS.) 31.03.2017
15,82,24,054	INSTITUTE EXPENSES	"I"	16,38,28,594	83,69,38,270	COLLECTION FROM STUDENTS	"L"	94,19,54,866
43,21,22,881	SALARY & ALLOWANCES	"J"	45,25,72,108	4,07,21,932	INTEREST RECEIVED		4,73,21,453
25,30,05,537	STUDENTS' HOSTEL EXPENSES	"K"	27,53,72,690	53,26,728	OTHER MISC. INCOME		65,20,774
3,60,34,266	INTEREST & FINANCE CHARGES		5,95,77,111		DONATION RECEIVED		3,20,000
				88,29,86,930			99,61,17,093
7,18,64,659	DEPRECIATION		9,83,64,709				
-				6,82,64,466	DEFICIT CARRIED OVER TO BALANCE SHEET		5,35,98,119
95,12,51,396	TOTAL		1,04,97,15,212	95,12,51,396	TOTAL		1,04,97,15,212

SIGNIFICANT ACCOUNTING POLICIES AND NOTES ON ACCOUNTS AS PER SCHEDULE 'M' FORM PART OF BALANCE SHEET.
AS PER OUR REPORT OF EVEN DATE ATTACHED

FOR DASS GUPTA & ASSOCIATES
CHARTERED ACCOUNTANTS
REG.NO:000112N

(ASHOK KUMAR JAIN)
PARTNER
MEMBERSHIP NO: 090563
PLACE : NEW DELHI
DATE :25/10/2017

DASS GUPTA & ASSOCIATES CHARTERED ACCOUNTANTS NEW DELHI

FOR JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY
(DECLARED AS DEEMED TO BE UNIVERSITY UNDER SECTION 3 OF THE UGC ACT, 1956)

(PROF.S.C SAXENA)
VICE - CHANCELLOR

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(SJS SONI)
CHIEF FINANCE OFFICER

Jaypee Institute of Information Technology ★ Deemed University, U/S 3 of The UGC Act ★ A-10, Sector-62, Noida (U.P.)

Jaypee Institute of Information Technology, Noida At a Glance

JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY
(Declared as Deemed to be University Under Section 3 of UGC Act, 1956)
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